

Appendix Tables A.1 – A.7

Table A.1: Correlations between 1996/1997 Candidate Variables and 2006/2007 Economic Outcome, ARC Counties

Candidate Variables	Poverty Rate 2007	Δ Poverty Rate 1997-07	Per-capita Market Income 2006	%Δ Per-capita Market Income 1996-06	% Job Growth 1996-06	% Population Growth 1996-06	Employment- Pop ratio 2007	Labor Force Part. rate 2007	Housing Units 2007	Nonfarm Self Employ. share of Total Empl., 2006	%Δ in Pop. Under 20 yrs. old, 2000-07	%Δ in Housing Units, 1990-00	%Δ in Housing Units, 2000-07	Average value of Building Permits during 96-07
ARC Distress Index 1997	0.73	-0.08	-0.71	0.19	-0.27	-0.35	-0.64	-0.63	-0.35	-0.02	-0.38	-0.21	-0.19	0.02
%Population Change 1986-96	-0.41	0.04	0.40	-0.17	0.70	0.89	0.50	0.49	0.12	0.25	0.74	0.81	0.53	0.10
%Job Growth 1986-96	-0.25	0.07	0.32	-0.15	0.49	0.68	0.36	0.35	0.12	0.16	0.58	0.66	0.42	0.01
Per-capita Market Income 1996	-0.77	0.09	0.93	-0.16	0.31	0.41	0.71	0.69	0.53	-0.11	0.48	0.22	0.25	0.03
%Growth Per-capita Market Income 1986-96	-0.08	0.12	0.16	-0.16	0.12	0.22	0.20	0.21	0.02	0.13	0.17	0.29	0.15	-0.10
% share of adult population with less than a high school degree, 2000	0.70	0.00	-0.73	-0.05	-0.20	-0.10	-0.55	-0.53	-0.41	0.11	-0.12	0.11	-0.08	0.00
% share of adult population with only high school degree, 2000	-0.27	-0.17	-0.10	0.01	-0.11	-0.27	-0.02	-0.01	-0.16	0.17	-0.37	-0.34	-0.20	-0.11
% share of adult population with an associates degree or more (associates+BA+MA+professional+PhD), 2000	-0.44	0.12	0.75	0.09	0.23	0.22	0.51	0.48	0.52	-0.25	0.28	0.06	0.15	0.09
% share of adult population with a 4-yr college degree or more (BA+MA+professional+PhD), 2000	-0.37	0.15	0.72	0.11	0.26	0.26	0.47	0.45	0.51	-0.25	0.32	0.11	0.16	0.09
% share of adult pop. with more than one year of college (> 1 year at some college +associates+BA+MA+professional+PhD), 2000	-0.47	0.13	0.77	0.06	0.26	0.28	0.53	0.51	0.51	-0.24	0.35	0.12	0.20	0.08
% share of adult population with less than a year of college, 2000	-0.48	-0.08	0.44	-0.06	0.21	0.25	0.40	0.38	0.18	0.04	0.33	0.17	0.24	0.01
Employment-Population ratio 2000	-0.74	0.10	0.69	-0.21	0.40	0.56	0.84	0.84	0.28	0.09	0.55	0.43	0.32	0.01
Labor Force Participation rate 2000	-0.73	0.11	0.68	-0.21	0.38	0.55	0.83	0.84	0.27	0.08	0.53	0.42	0.30	0.00

Poverty Rate 1997	0.92	-0.13	-0.77	0.17	-0.28	-0.34	-0.73	-0.72	-0.31	-0.06	-0.35	-0.17	-0.20	0.07
Unemployment Rate 1997	0.45	-0.13	-0.56	0.09	-0.25	-0.34	-0.47	-0.44	-0.27	0.05	-0.37	-0.24	-0.24	-0.06
Nonfarm Proprietor Income as a share of Total Personal Income 1997	-0.09	-0.01	0.04	-0.03	0.04	-0.01	0.11	0.12	0.05	0.23	-0.02	0.00	-0.01	-0.07
Average Nonfarm Proprietor Income to Wage-and-Salary Income ratio 1997	0.03	0.04	0.03	-0.05	-0.03	-0.07	0.03	0.04	0.14	-0.08	-0.01	-0.09	-0.04	-0.05
Population Under 20 yrs, 2000	-0.25	0.04	0.52	0.06	0.04	0.05	0.27	0.26	0.92	-0.22	0.18	-0.07	0.10	0.05
Housing Units 2000	-0.26	0.05	0.55	0.07	0.02	0.01	0.27	0.26	0.99	-0.22	0.11	-0.10	0.03	0.06
Building Permits 2000	-0.10	-0.02	0.13	-0.02	0.10	0.07	0.14	0.14	0.07	0.00	0.07	0.01	0.07	0.12
Nonfarm Self Employment as a Share of Total Employment, 1996	-0.11	-0.16	-0.09	0.04	0.40	0.28	0.07	0.07	-0.21	0.75	0.09	0.33	0.18	0.02
% Change in Housing Units from 1980-90	-0.34	-0.01	0.36	-0.14	0.61	0.78	0.42	0.41	0.16	0.20	0.68	0.70	0.51	0.11
% Change in Housing Units from 1990-2000	-0.16	0.01	0.14	-0.15	0.62	0.85	0.32	0.32	-0.06	0.31	0.67	1.00	0.51	0.10
Non-farm self employment returns (total non farm proprietor income/total non farm proprietor employment), 1997	-0.14	0.04	0.28	-0.01	-0.07	-0.13	0.09	0.08	0.40	-0.26	-0.01	-0.23	-0.06	-0.02
Percent Change in Housing Units from 1990-00	-0.16	0.01	0.14	-0.15	0.62	0.85	0.32	0.32	-0.06	0.31	0.67	1.00	0.51	0.10
Average value of Building Permits during period 96-07	0.03	-0.11	0.03	0.01	0.15	0.11	0.04	0.05	0.06	0.07	0.05	0.10	0.06	1.00
Building permits per capita, 1996	0.02	0.00	-0.05	-0.09	0.02	0.03	0.04	0.04	-0.03	0.01	0.01	-0.01	0.02	0.04
Average value of Building Permits during period 86-96	-0.03	-0.12	0.10	-0.04	0.17	0.14	0.09	0.10	0.15	0.01	0.11	0.09	0.09	0.77

Table A.2: Correlations between 1996/1997 Candidate Variables and 2006/2007 Economic Outcomes, All U.S. Counties

Candidate Variables	Poverty Rate 2007	Δ Poverty Rate 1997-07	Per-capita Market Income 2006	%Δ Per-capita Market Income 1996-06	% Job Growth 1996-06	% Population Growth 1996-06	Employment- Pop ratio 2007	Labor Force Part. rate 2007	Housing Units 2007	Nonfarm Self Employ. share of Total Empl., 2006	%Δ in Pop. Under 20 yrs. old, 2000-07	%Δ in Housing Units, 1990-00	%Δ in Housing Units, 2000-07	Average value of Building Permits during 96-07
%Population 1986-96	-0.22	0.00	0.26	0.04	0.61	0.82	0.06	0.06	0.15	0.12	0.61	0.83	0.15	0.08
%Job Growth 1986-96	-0.18	0.02	0.19	0.00	0.36	0.54	0.12	0.12	0.04	0.01	0.38	0.56	0.09	0.03
Per-capita Market Income 1996	-0.65	0.11	0.91	-0.03	0.20	0.25	0.52	0.51	0.35	-0.07	0.23	0.13	0.05	0.16
Per-capita Market Income Percent Change 1986-96	-0.03	0.14	0.18	-0.23	0.06	0.12	0.07	0.08	-0.01	0.00	0.11	0.15	0.02	0.05
% share of adult population with le a high school degree, 2000	0.71	-0.05	-0.59	-0.10	-0.20	-0.13	-0.57	-0.56	-0.14	-0.05	-0.04	0.00	-0.04	-0.12
% share of adult population with only high school degree, 2000	-0.04	0.09	-0.41	-0.18	-0.23	-0.26	-0.13	-0.11	-0.31	0.13	-0.26	-0.23	-0.05	-0.08
% share of adult population with an associates degree or more (associates+BA+MA+professional+ PhD), 2000	-0.49	0.07	0.75	0.17	0.28	0.27	0.48	0.46	0.33	-0.08	0.23	0.16	0.05	0.15
% share of adult population with a 4-yr college degree or more (BA+MA+professional+PhD), 2000	-0.43	0.07	0.75	0.18	0.29	0.29	0.44	0.43	0.34	-0.07	0.25	0.19	0.05	0.13
% share of adult population with more than 1 year of college<br (>="" 1="" a="" at="" college+associates<br="" year=""/>+BA+MA+professional+PhD), 2000	-0.51	0.02	0.71	0.18	0.29	0.26	0.49	0.48	0.30	-0.04	0.19	0.15	0.06	0.14
% share of adult population with less than a year of college, 2000	-0.37	-0.10	0.09	0.00	0.04	0.01	0.26	0.25	-0.05	0.11	-0.06	-0.08	0.04	0.03
Employment-Population ratio 2000	-0.70	0.09	0.57	0.05	0.23	0.24	0.84	0.84	0.12	0.03	0.16	0.14	0.06	0.11
Labor Force Participation rate 2000	-0.68	0.09	0.56	0.05	0.22	0.24	0.83	0.84	0.12	0.03	0.15	0.15	0.06	0.10

Poverty Rate 1997	0.91	-0.25	-0.60	0.01	-0.20	-0.22	-0.58	-0.58	-0.10	-0.09	-0.15	-0.11	-0.04	-0.14
Unemployment Rate 1997	0.53	-0.15	-0.38	0.01	-0.11	-0.10	-0.47	-0.43	-0.06	0.00	-0.09	0.02	-0.03	-0.09
Nonfarm Proprietor Income as a share of Total Personal Income 1997	-0.09	-0.17	0.12	0.19	-0.02	-0.12	0.20	0.19	0.06	0.26	-0.15	-0.14	-0.03	-0.01
Average Nonfarm Proprietor Income to Wage-and-Salary Income ratio 1997	0.16	-0.01	0.00	-0.07	-0.08	-0.13	-0.02	-0.02	0.10	-0.04	-0.07	-0.15	-0.03	0.00
Population Under 20 yrs, 2000	-0.09	-0.03	0.30	0.06	0.06	0.12	0.05	0.06	0.95	-0.11	0.18	0.03	0.03	0.01
Housing Units 2000	-0.10	-0.02	0.36	0.08	0.07	0.13	0.07	0.07	0.99	-0.13	0.19	0.03	0.00	0.02
Building Permits 2000	-0.02	0.01	0.04	0.00	0.05	0.05	0.03	0.03	0.08	-0.03	0.05	0.05	0.00	0.03
Nonfarm Self Employment as a share of Total Employment, 1996	-0.25	-0.25	0.04	0.11	0.29	0.15	0.12	0.11	-0.15	0.71	-0.06	0.14	0.06	0.02
% Change in Housing Units from 1980-90	-0.19	-0.09	0.29	0.14	0.56	0.67	0.07	0.07	0.17	0.11	0.51	0.65	0.10	0.07
% Change in Housing Units from 1990-2000	-0.10	0.02	0.15	0.05	0.61	0.82	0.03	0.03	0.06	0.12	0.60	1.00	0.15	0.07
Non-farm self employment returns (total non farm proprietor income/total non farm proprietor employment), 1997	-0.02	0.04	0.39	0.01	-0.03	0.01	0.04	0.05	0.40	-0.21	0.11	-0.06	-0.02	0.04
Percent Change in Housing Units from 1990-00	-0.10	0.02	0.15	0.05	0.61	0.82	0.03	0.03	0.06	0.12	0.60	1.00	0.15	0.07
Building permits per capita 96	0.03	-0.03	-0.03	0.01	-0.01	-0.06	0.00	0.00	-0.03	0.05	-0.05	-0.03	-0.01	0.01
Average value of building permits during period 86-96	-0.13	0.02	0.15	-0.03	0.10	0.10	0.10	0.09	0.04	-0.02	0.07	0.08	0.02	0.74

Table A.3: Correlations between Candidate Distress Indexes and 2006/2007 Economic Outcomes, ARC Counties*

ARC ranking	Candidate Distress Indexes	ARC Distress Indic. 2007	ARC Distress Indic. 2009	Poverty Rate 2007	Δ in Poverty Rate 1997-07	Per-capita Market Income 2006	%Δ Per-capita Market Income 1996-06	%Job Growth 1996-06	%Pop. Growth 1996-06	Employ/Pop ratio 2007	Labor Force Part. rate 2007	Housing Units 2007	% Nonfarm Self Employ of Total Employ.	% Under 20 yr. old Pop Change, 2000-07	%Δ in Housing Units, 1990-00	%Δ in Housing Units, 2000-07	Average Value of Build. Permits, 1996-07	Average
1	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00, Poverty Rate 97	-0.83	-0.80	-0.79	0.12	0.81	-0.16	0.51	0.64	0.80	0.80	0.37	0.06	0.62	0.48	0.39	0.03	0.71
2	Population growth 86-96, Employment /population ratio 00, Poverty Rate 97	-0.81	-0.77	-0.80	0.10	0.72	-0.21	0.53	0.69	0.80	0.80	0.27	0.15	0.64	0.54	0.40	0.02	0.71
3	Population growth 86-96, Employment /population ratio 00, Per-capita market income 96	-0.80	-0.76	-0.73	0.09	0.76	-0.21	0.55	0.73	0.79	0.78	0.34	0.10	0.69	0.58	0.43	0.06	0.71
4	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00, Poverty Rate 97, Per-capita market income 96	-0.87	-0.84	-0.86	0.08	0.85	-0.15	0.45	0.55	0.80	0.79	0.39	0.04	0.53	0.36	0.33	0.02	0.70
5	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00, Per-capita market income 96	-0.81	-0.78	-0.72	0.11	0.83	-0.15	0.52	0.67	0.78	0.77	0.42	0.01	0.66	0.50	0.40	0.07	0.70
6	Percent of adults with at least one year of college 00, Per-capita market income 96, Population growth 86-96, Poverty Rate 97	-0.84	-0.82	-0.79	0.12	0.86	-0.14	0.49	0.60	0.75	0.74	0.44	0.00	0.60	0.42	0.37	0.04	0.70
7	Population growth 86-96, Percent of adults with at least one year of college 00, Poverty Rate 97	-0.82	-0.79	-0.76	0.12	0.81	-0.13	0.53	0.64	0.74	0.73	0.39	0.04	0.61	0.47	0.40	0.04	0.70
8	Population growth 86-96, Poverty Rate 97	-0.79	-0.74	-0.79	0.10	0.69	-0.20	0.58	0.72	0.73	0.72	0.25	0.18	0.64	0.58	0.43	0.02	0.70
9	Population growth 86-96, Per-capita market income 96	-0.76	-0.71	-0.66	0.07	0.73	-0.20	0.61	0.79	0.69	0.67	0.35	0.11	0.73	0.64	0.47	0.08	0.70

10	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00	-0.76	-0.73	-0.67	0.11	0.75	-0.14	0.56	0.72	0.77	0.76	0.36	0.05	0.68	0.57	0.44	0.08	0.69
11	Population growth 86-96, Employment /population ratio 00	-0.71	-0.65	-0.64	0.08	0.61	-0.21	0.60	0.81	0.74	0.74	0.22	0.18	0.72	0.69	0.47	0.06	0.68
12	Employment /population ratio 00, Per-capita market income 96	-0.85	-0.82	-0.80	0.10	0.85	-0.20	0.38	0.53	0.83	0.82	0.41	0.00	0.56	0.36	0.31	0.02	0.68
13	Employment /population ratio 00, Percent of adults with at least one year of college 00, Per-capita market income 96, Poverty Rate 97	-0.86	-0.85	-0.83	0.13	0.89	-0.14	0.36	0.45	0.81	0.79	0.45	-0.05	0.50	0.27	0.28	0.01	0.67
15	Population growth 86-96, Percent of adults with at least one year of college 00, Per-capita market income 96	-0.77	-0.75	-0.65	0.10	0.83	-0.11	0.53	0.66	0.69	0.68	0.45	-0.02	0.65	0.49	0.41	0.09	0.67
16	Employment /population ratio 00, Percent of adults with at least one year of college 00, Poverty Rate 97	-0.85	-0.84	-0.83	0.13	0.86	-0.13	0.36	0.46	0.82	0.81	0.42	-0.03	0.49	0.28	0.28	0.00	0.67
17	Employment /pop. ratio 00, Poverty Rate 97	-0.84	-0.82	-0.87	0.12	0.77	-0.20	0.36	0.47	0.83	0.82	0.31	0.07	0.48	0.32	0.27	-0.03	0.66
18	Employment /population ratio 00, Percent of adults with at least one year of college 00, Per-capita market income 96	-0.83	-0.82	-0.74	0.12	0.89	-0.12	0.37	0.48	0.79	0.78	0.49	-0.09	0.53	0.30	0.30	0.05	0.66
19	Per-capita market income 96, Poverty Rate 97	-0.87	-0.87	-0.89	0.12	0.88	-0.17	0.31	0.39	0.75	0.74	0.42	-0.02	0.43	0.20	0.23	-0.03	0.64
20	Employment /population ratio 00, Percent of adults with at least one year of college 00	-0.79	-0.77	-0.70	0.13	0.84	-0.10	0.38	0.49	0.80	0.79	0.45	-0.08	0.53	0.33	0.30	0.05	0.64
21	Population growth 86-96, Percent of adults with at least one year of college 00	-0.67	-0.63	-0.53	0.10	0.70	-0.08	0.60	0.73	0.62	0.61	0.37	0.02	0.68	0.59	0.46	0.11	0.64
22	% adults with at least one year of college 00, Per-capita market income 96, Poverty Rate 97	-0.85	-0.85	-0.81	0.13	0.91	-0.10	0.32	0.38	0.74	0.72	0.49	-0.10	0.44	0.19	0.24	0.01	0.63
23	% of adults with at least one year of college 00, Poverty Rate 97	-0.82	-0.83	-0.81	0.15	0.88	-0.07	0.31	0.35	0.73	0.71	0.46	-0.09	0.40	0.17	0.23	0.00	0.61
24	% of adults with at least one year of college 00, Per-capita market income 96	-0.76	-0.77	-0.65	0.12	0.90	-0.05	0.31	0.36	0.66	0.63	0.56	-0.19	0.44	0.17	0.24	0.06	0.57
1b	Population growth 86-96, Employment /population ratio 00, Percent of adults with a four-year college degree 00, Poverty Rate 97	-0.83	-0.79	-0.78	0.13	0.80	-0.15	0.52	0.65	0.80	0.79	0.37	0.06	0.62	0.49	0.39	0.04	0.71

2b	Population growth 86-96, Employment /population ratio 00, Percent of adults with a four-year college degree 00, Poverty Rate 97, Per-capita market income 96	-0.85	-0.82	-0.79	0.12	0.85	-0.15	0.49	0.62	0.80	0.79	0.41	0.03	0.61	0.44	0.37	0.04	0.71
3b	Population growth 86-96, Employment /population ratio 00, Percent of adults with a four-year college degree 00, Per-capita market income 96	-0.80	-0.77	-0.70	0.11	0.83	-0.14	0.53	0.67	0.78	0.77	0.42	0.01	0.66	0.51	0.40	0.07	0.70
4b	% of adults with a four-year college degree 00, Per-capita market income 96, Population growth 86-96 , Poverty Rate 97	-0.84	-0.82	-0.77	0.13	0.86	-0.13	0.50	0.61	0.75	0.73	0.44	0.00	0.60	0.43	0.37	0.04	0.70

*Notes: Average in the final column refers the average of the five variables in grey: 2007 poverty rate, 2006 per-capita market income, 1996-2006 total job growth including proprietors, 1996-2006 population growth, and 2007 employment/population ratio. See sections 2 and 3 for more details. The four indexes 1b-4b at the bottom of the table are Candidate Distress Indexes 1, 4, 5 and 6 replacing at least one-year of college education with at least a four-year bachelor's degree.

Table A.4: Correlations between Candidate Distress Indexes and 2006/2007 Economic Outcomes, All U.S. Counties*

ARC ranking	U.S. ranking	Candidate Distress Indexes	Poverty Rate 2007	Δ in Poverty Rate 1997-07	Per-capita Market Income 2006	%Δ Per-capita Market Income 1996-06	%Job Growth 1996-06	%Pop. Growth 1996-06	Employ/Pop ratio 2007	Labor Force Part. rate 2007	Housing Units 2007	% Nonfarm Self Employ of Total Emplav	% Under 20 yr. old Pop Change, 2000-07	%Δ in Housing Units, 1990-00	%Δ in Housing Units, 2000-07	Average Value of Building Permits, 1996-07	Average
1	1	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00, Poverty Rate 97	-0.78	0.12	0.72	0.08	0.44	0.52	0.66	0.65	0.22	0.07	0.37	0.41	0.10	0.16	0.62
2	4	Population growth 86-96, Employment /population ratio 00, Poverty Rate 97	-0.80	0.15	0.63	0.03	0.45	0.56	0.64	0.64	0.16	0.11	0.40	0.47	0.11	0.14	0.62
3	2	Population growth 86-96, Employment /population ratio 00, Per-capita market income 96	-0.69	0.09	0.77	0.02	0.46	0.58	0.62	0.62	0.27	0.04	0.44	0.49	0.11	0.15	0.62
4	3	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00, Poverty Rate 97, Per-capita market income 96	-0.83	0.13	0.77	0.04	0.37	0.44	0.67	0.67	0.22	0.06	0.31	0.32	0.09	0.16	0.62
5	5	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00, Per-capita market income 96	-0.68	0.07	0.81	0.07	0.44	0.52	0.63	0.62	0.30	0.02	0.39	0.41	0.10	0.16	0.62
6	6	Percent of adults with at least one year of college 00, Per-capita market income 96, Population growth 86-96 , Poverty Rate 97	-0.75	0.12	0.81	0.06	0.42	0.51	0.54	0.54	0.29	0.03	0.39	0.40	0.10	0.17	0.61
7	12	Population growth 86-96, Poverty Rate 97	-0.72	0.16	0.55	0.02	0.52	0.67	0.41	0.41	0.16	0.13	0.48	0.61	0.12	0.14	0.57
8	8	Population growth 86-96, Percent of adults with at least one year of college 00, Poverty Rate 97	-0.73	0.12	0.70	0.09	0.49	0.58	0.51	0.50	0.24	0.07	0.42	0.49	0.11	0.16	0.60

9	14	Population growth 86-96, Per-capita market income 96	-0.55	0.07	0.74	0.00	0.51	0.67	0.37	0.36	0.31	0.03	0.53	0.61	0.13	0.15	0.57
10	7	Population growth 86-96, Employment /population ratio 00, Percent of adults with at least one year of college 00	-0.63	0.05	0.69	0.12	0.50	0.59	0.62	0.61	0.25	0.05	0.42	0.50	0.12	0.15	0.61
11	9	Population growth 86-96, Employment /population ratio 00	-0.60	0.06	0.54	0.05	0.54	0.69	0.58	0.58	0.18	0.10	0.49	0.63	0.14	0.12	0.59
12	16	Employment /population ratio 00, Per-capita market income 96	-0.75	0.11	0.82	0.01	0.24	0.27	0.75	0.75	0.26	-0.02	0.21	0.15	0.06	0.15	0.56
13	10	Employment /population ratio 00, Percent of adults with at least one year of college 00, Per-capita market income 96, Poverty Rate 97	-0.81	0.14	0.82	0.05	0.27	0.29	0.71	0.71	0.25	0.00	0.21	0.15	0.06	0.16	0.58
14	11	Population growth 86-96, Percent of adults with at least one year of college 00, Per-capita market income 96	-0.59	0.05	0.80	0.08	0.47	0.57	0.46	0.45	0.34	0.00	0.44	0.48	0.11	0.17	0.58
15	13	Employment /population ratio 00, Percent of adults with at least one year of college 00, Poverty Rate 97	-0.82	0.14	0.74	0.09	0.28	0.28	0.75	0.74	0.20	0.03	0.19	0.16	0.06	0.15	0.57
16	21	Employment /population ratio 00, Poverty Rate 97	-0.86	0.18	0.63	0.02	0.23	0.25	0.76	0.76	0.12	0.06	0.16	0.13	0.05	0.13	0.55
17	15	Employment /population ratio 00, Percent of adults with at least one year of college 00, Per-capita market income 96	-0.72	0.08	0.84	0.07	0.28	0.29	0.71	0.70	0.29	-0.03	0.22	0.16	0.06	0.16	0.57
18	20	Per-capita market income 96, Poverty Rate 97	-0.85	0.19	0.82	-0.02	0.22	0.26	0.60	0.59	0.24	0.01	0.20	0.13	0.04	0.16	0.55
19	18	Employment /population ratio 00, Percent of adults with at least one year of college 00	-0.68	0.06	0.73	0.13	0.29	0.28	0.76	0.75	0.24	0.00	0.20	0.17	0.06	0.14	0.55
20	22	Population growth 86-96, Percent of adults with at least one year of college 00	-0.45	0.01	0.60	0.13	0.56	0.67	0.34	0.33	0.28	0.05	0.50	0.61	0.13	0.14	0.52

21	17	% of adults with at least one year of college 00, Per-capita market income 96, Poverty Rate 97	-0.80	0.15	0.85	0.05	0.26	0.28	0.61	0.60	0.28	-0.01	0.22	0.15	0.05	0.17	0.56
22	19	% of adults with at least one year of college 00, Poverty Rate 97	-0.82	0.16	0.75	0.10	0.28	0.28	0.62	0.61	0.23	0.03	0.20	0.15	0.05	0.16	0.55
23	23	% of adults with at least one year of college 00, Per-capita market income 96	-0.63	0.07	0.88	0.08	0.26	0.28	0.55	0.54	0.35	-0.06	0.23	0.15	0.06	0.17	0.52
1b	1b	Population growth 86-96, Employment /population ratio 00, Percent of adults with a four-year college degree 00, Poverty Rate 97	-0.76	0.14	0.74	0.08	0.45	0.53	0.65	0.64	0.24	0.06	0.39	0.43	0.10	0.15	0.63
2b	2b	Population growth 86-96, Employment /population ratio 00, Percent of adults with a four-year college degree 00, Poverty Rate 97, Per-capita market income 96	-0.77	0.14	0.82	0.06	0.40	0.48	0.65	0.64	0.28	0.03	0.37	0.37	0.09	0.16	0.62
3b	3b	Population growth 86-96, Employment /population ratio 00, Percent of adults with a four-year college degree 00, Per-capita market income 96	-0.66	0.09	0.82	0.07	0.44	0.53	0.61	0.61	0.31	0.01	0.41	0.43	0.10	0.16	0.61
4b	4b	% of adults with a four-year college degree 00, Per-capita market income 96, Population growth 86-96, Poverty Rate 97	-0.73	0.14	0.83	0.05	0.43	0.52	0.53	0.52	0.31	0.02	0.41	0.42	0.09	0.17	0.61

*Notes: Average in the final column refers the average of the five variables in grey: 2007 poverty rate, 2006 per-capita market income, 1996-2006 total job growth including proprietors, 1996-2006 population growth, and 2007 employment/population ratio. See sections 2 and 3 for more details. The four indexes 1b-4b at the bottom of the table are Candidate Distress Indexes 1, 4, 5 and 6 replacing at least one-year of college education with at least a four-year bachelor's degree.

Table A.5: Summary Statistics of Candidate Indexes

	Candidate Index 1	Candidate Index 2	Candidate Index 3	Candidate Index 4	Candidate Index 5	Candidate Index 6
Mean of Z-score for US Counties excluding ARC Counties	0.20	0.27	0.21	0.31	0.24	0.25
Standard deviation of Z-score for US counties excluding ARC counties	2.79	3.60	2.91	3.59	2.91	2.87
Mean of Z-score for only ARC Counties	-1.31	-1.77	-1.38	-2.01	-1.55	-1.62
Standard deviation of Z-score only ARC counties	2.51	3.01	2.31	3.08	2.58	2.36

Table A.6: Z-scores and Rankings of ARC Counties Relative to the ARC Region (n=420) and the U.S. (n=3,102)

	Candidate Index 1 Candidate Index 2 Candidate Index 3 Candidate Index 4 Candidate Index 5 Candidate Index 6												Current ARC Index FY07					
County	Z-score	US rank	ARC rank	Z-score	US rank	ARC rank	Z-score	US rank	ARC rank	Z-score	US rank	ARC rank	Z-score	US rank	ARC rank	Index	US rank	ARC rank
Alabama																		
Bibb County, Alabama	-2.13	2499	274	-2.96	2544	279	-2.46	2590	282	-2.97	2523	270	-2.14	2485	263	-2.47	2571	263
Blount County, Alabama	0.48	1188	77	0.03	1396	93	-0.29	1407	100	0.20	1377	78	0.64	1164	62	-0.13	1401	86
Calhoun County, Alabama	-1.15	2069	189	-1.18	1903	166	-0.86	1753	147	-1.02	1861	142	-1.00	2010	163	-0.70	1687	117
Chambers County, Alabama	-2.35	2567	288	-3.00	2555	281	-2.92	2748	323	-3.07	2553	277	-2.42	2568	279	-2.99	2735	306
Cherokee County, Alabama	-1.39	2198	219	-1.95	2235	227	-1.34	2033	188	-2.23	2323	231	-1.67	2309	228	-1.62	2203	193
Chilton County, Alabama	-0.68	1823	151	-1.09	1871	160	-0.84	1739	145	-1.27	1973	163	-0.86	1952	152	-1.01	1876	151
Clay County, Alabama	-2.30	2550	282	-2.83	2502	267	-2.77	2709	315	-2.89	2504	265	-2.36	2549	274	-2.83	2695	294
Cleburne County, Alabama	-1.33	2164	213	-1.72	2142	210	-1.67	2222	209	-1.95	2224	209	-1.56	2261	217	-1.90	2341	216
Colbert County, Alabama	-1.23	2115	204	-1.65	2111	202	-1.43	2080	194	-1.53	2071	175	-1.11	2063	170	-1.31	2032	173
Coosa County, Alabama	-2.87	2703	320	-3.65	2713	318	-3.65	2945	365	-3.76	2698	309	-2.99	2697	311	-3.77	2928	353
Cullman County, Alabama	-0.34	1628	123	-0.55	1649	123	-0.70	1656	129	-0.35	1602	105	-0.13	1554	99	-0.49	1585	102
DeKalb County, Alabama	-1.54	2251	228	-2.01	2263	231	-1.48	2116	200	-2.03	2268	220	-1.55	2255	215	-1.50	2141	187
Elmore County, Alabama	1.84	685	41	1.88	787	46	1.27	819	53	1.93	803	43	1.89	704	38	1.31	817	47
Etowah County, Alabama	-1.75	2358	257	-2.06	2282	236	-1.69	2233	211	-1.67	2111	185	-1.37	2166	191	-1.31	2029	172
Fayette County, Alabama	-2.78	2684	316	-3.37	2648	305	-3.04	2786	328	-3.44	2638	292	-2.84	2660	302	-3.10	2769	318
Franklin County, Alabama	-2.39	2583	294	-3.01	2561	283	-2.21	2498	261	-3.09	2559	278	-2.47	2578	281	-2.29	2492	241

Hale County, Alabama	-3.33	2812	343	-4.27	2822	344	-2.84	2728	319	-4.29	2806	338	-3.36	2784	330	-2.87	2705	298	184.4	2950	365
Jackson County, Alabama	-1.32	2154	211	-1.66	2121	205	-1.27	1990	182	-1.75	2137	191	-1.40	2182	199	-1.35	2054	176	126.8	1980	200
Jefferson County, Alabama	0.59	1132	69	2.11	728	44	2.11	595	37	2.11	761	40	0.59	1196	65	2.11	604	32	100.5	1027	54
Lamar County, Alabama	-3.78	2900	369	-4.59	2870	357	-4.05	3013	382	-4.75	2873	352	-3.94	2887	357	-4.20	3000	378	151.6	2603	300
Lauderdale County, Alabama	-0.63	1794	147	-0.79	1738	132	-0.31	1419	102	-0.99	1845	137	-0.83	1936	149	-0.51	1592	103	126.4	1970	198
Lawrence County, Alabama	-1.83	2397	262	-2.16	2314	242	-2.18	2483	259	-2.37	2375	244	-2.04	2453	258	-2.39	2534	254	127.3	2003	203.5
Limestone County, Alabama	1.36	842	49	1.43	892	50	1.02	871	56	1.36	962	48	1.29	904	46	0.96	930	52	104.5	1165	66
Macon County, Alabama	-4.05	2937	377	-5.08	2929	375	-2.75	2703	312	-5.05	2907	364	-4.02	2908	365	-2.72	2663	288	198.9	3003	381
Madison County, Alabama	4.11	219	8	5.29	234	7	4.67	204	7	4.97	263	7	3.80	247	10	4.36	234	7	85.8	434	12
Marion County, Alabama	-3.39	2824	345	-3.91	2754	331	-3.17	2822	338	-3.90	2724	316	-3.38	2790	332	-3.16	2780	320	144.8	2459	272
Marshall County, Alabama	-0.94	1968	173	-0.99	1817	152	-0.27	1390	99	-0.93	1823	134	-0.89	1969	155	-0.21	1444	89	115.1	1582	122
Morgan County, Alabama	0.50	1176	75	1.02	1012	59	0.87	913	59	1.06	1051	53	0.54	1218	67	0.91	954	53	107.9	1293	79
Pickens County, Alabama	-3.73	2891	365	-4.39	2847	350	-3.25	2850	344	-4.30	2808	339	-3.64	2845	346	-3.16	2779	319	173.9	2880	351
Randolph County, Alabama	-2.66	2652	309	-3.46	2669	309	-2.53	2622	291	-3.66	2683	305	-2.86	2664	303	-2.74	2669	289	147.7	2514	283
Shelby County, Alabama	7.18	43	5	9.15	52	2	7.83	53	2	8.61	54	2	6.64	54	5	7.29	57	2	63.8	55	1
St. Clair County, Alabama	0.85	1018	58	0.91	1043	63	0.35	1105	71	1.05	1054	54	0.99	1016	52	0.49	1111	61	106.7	1242	73
Talladega County, Alabama	-1.46	2223	224	-1.59	2086	198	-1.13	1906	169	-1.53	2067	173	-1.39	2179	197	-1.06	1906	153	136	2259	244
Tallapoosa County, Alabama	-1.63	2295	240	-2.05	2279	234	-1.73	2255	216	-2.17	2308	229	-1.75	2342	231	-1.85	2319	208	134.6	2210	241
Tuscaloosa County, Alabama	0.82	1030	60	1.29	933	52	1.85	642	43	1.15	1027	51	0.67	1157	60	1.71	710	42	110.9	1417	102
Walker County, Alabama	-2.75	2675	314	-3.06	2572	286	-2.42	2579	280	-2.92	2510	267	-2.60	2613	286	-2.28	2484	240	132.4	2166	234
Winston County, Alabama	-2.46	2597	295	-3.19	2605	293	-3.05	2789	329	-3.37	2622	288	-2.63	2622	290	-3.23	2795	326	155.1	2656	309

Georgia																		
Banks County, Georgia	2.69	451	25	2.74	587	32	2.52	496	24	2.46	668	31	2.40	536	30	2.23	575	28
Barrow County, Georgia	3.97	239	10	3.80	381	13	3.17	374	14	4.00	360	10	4.17	203	7	3.37	345	10
Bartow County, Georgia	2.69	452	26	2.77	577	29	2.21	565	35	2.63	618	26	2.55	500	24	2.07	616	33
Carroll County, Georgia	1.52	787	45	1.34	920	51	1.69	697	44	0.91	1091	57	1.08	986	50	1.26	838	49
Catoosa County, Georgia	2.75	433	24	2.66	610	33	2.12	590	36	2.77	591	24	2.86	417	15	2.24	572	27
Chattooga County, Georgia	-2.63	2646	307	-3.64	2711	317	-3.18	2825	339	-3.87	2718	314	-2.86	2665	304	-3.41	2836	334
Cherokee County, Georgia	7.46	41	3	8.50	65	3	7.03	77	4	8.48	60	3	7.43	31	2	7.01	67	4
Dade County, Georgia	0.51	1172	74	0.14	1344	87	-0.14	1330	92	0.31	1332	75	0.68	1155	59	0.03	1322	82
Dawson County, Georgia	5.29	118	6	5.80	190	6	4.84	192	6	6.02	175	6	5.50	95	6	5.05	171	6
Douglas County, Georgia	4.03	230	9	4.15	336	9	3.40	342	11	4.13	347	9	4.02	217	8	3.39	340	9
Elbert County, Georgia	-1.60	2281	236	-2.14	2303	241	-1.85	2312	227	-2.51	2402	248	-1.97	2429	254	-2.23	2464	236
Fannin County, Georgia	0.13	1371	97	-0.45	1605	120	-0.42	1477	108	-0.58	1676	116	0.01	1489	90	-0.55	1611	107
Floyd County, Georgia	0.23	1321	87	0.37	1238	78	0.61	1002	63	0.08	1427	83	-0.06	1532	96	0.31	1182	67
Forsyth County, Georgia	12.13	4	1	13.44	13	1	11.84	13	1	12.99	8	1	11.69	4	1	11.40	9	1
Franklin County, Georgia	-0.44	1683	135	-0.95	1795	145	-0.82	1728	141	-1.14	1916	150	-0.62	1832	136	-1.01	1874	150
Gilmer County, Georgia	2.92	388	17	2.47	654	38	2.40	516	26	2.09	773	41	2.54	504	26	2.02	632	36
Gordon County, Georgia	1.32	855	50	1.05	999	56	0.92	898	58	0.84	1111	61	1.11	973	49	0.71	1031	58
Gwinnett County, Georgia	7.54	39	2	8.45	66	4	7.37	66	3	8.31	65	4	7.39	35	4	7.23	58	3
Habersham County, Georgia	1.24	876	52	0.87	1054	64	0.75	952	60	0.51	1244	71	0.88	1062	54	0.39	1154	64
Hall County, Georgia	3.88	253	11	4.06	350	11	3.56	320	10	3.69	412	13	3.50	297	11	3.19	369	12

Haralson County, Georgia	-0.58	1754	143	-0.96	1805	149	-0.84	1740	146	-1 28	1978	164	-0.90	1972	156	-1.16	1961	159	122.2	1816	162.5
Hart County, Georgia	-1.07	2029	182	-1.81	2187	218	-1.38	2053	190	-2 10	2291	226	-1.35	2156	190	-1.67	2227	196	122.8	1831	167.5
Heard County, Georgia	-1.27	2135	209	-2.05	2280	235	-1.84	2310	226	-2 54	2409	249	-1.77	2346	233	-2.34	2514	248	128.3	2043	213
Jackson County, Georgia	2.83	408	20	2.82	561	27	2.35	526	28	2.59	631	28	2.60	491	22	2.12	603	31	101.2	1061	56.5
Lumpkin County, Georgia	3.11	361	16	2.94	537	26	2.65	468	22	2.77	594	25	2.94	401	14	2.47	521	20	105.6	1205	69
Madison County, Georgia	1.24	875	51	1.03	1003	57	0.56	1022	65	0.68	1181	63	0.88	1060	53	0.21	1232	71	96.3	840	34.5
Murray County, Georgia	0.86	1012	57	0.36	1248	79	0.43	1074	68	0.09	1419	81	0.60	1192	64	0.17	1253	74	109.9	1362	92
Paulding County, Georgia	7.40	42	4	7.58	93	5	6.26	105	5	7.58	90	5	7.40	34	3	6.26	96	5	79.9	274	7
Pickens County, Georgia	4.26	208	7	4.78	279	8	4.17	263	9	4.49	302	8	3.96	222	9	3.87	290	8	85.5	416	11
Polk County, Georgia	-0.66	1808	149	-1.42	2011	183	-1.02	1855	164	-1 59	2089	179	-0.83	1937	150	-1.19	1973	160	129.5	2078	219.5
Rabun County, Georgia	0.38	1236	79	0.19	1319	84	0.01	1255	84	-0 13	1514	96	0.06	1463	89	-0.31	1494	91	100	1010	52
Stephens County, Georgia	-0.71	1836	153	-1.15	1895	164	-0.68	1639	124	-1.46	2042	169	-1.02	2021	165	-0.98	1850	145	122.9	1840	171.5
Towns County, Georgia	2.67	455	27	2.48	652	37	2.03	617	40	2.35	696	35	2.54	502	25	1.89	668	40	101.2	1057	56.5
Union County, Georgia	2.49	497	31	2.18	717	43	1.62	713	45	2.31	709	37	2.62	485	21	1.74	699	41	110.1	1375	98
Walker County, Georgia	-0.51	1719	137	-1.03	1837	155	-0.88	1765	149	-1 15	1925	152	-0.63	1836	137	-1.00	1862	148	110	1370	95.5
White County, Georgia	2.88	395	18	2.42	666	39	2.34	531	29	2.36	692	34	2.82	430	16	2.27	561	25	100.6	1034	55
Whitfield County, Georgia	0.52	1167	73	0.84	1061	65	1.06	864	55	0.56	1227	68	0.24	1368	82	0.78	1010	56	94.4	766	33
Kentucky																					
Adair County, Kentucky	-1.82	2391	259	-2.88	2518	275	-1.87	2318	230	-3 33	2610	285	-2 27	2520	269	-2.32	2509	245	163.4	2752	323
Bath County, Kentucky	-2.47	2601	298	-3.48	2671	310	-2.07	2424	250	-4 12	2767	326	-3 11	2718	316	-2.71	2658	286	164.2	2763	324
Bell County, Kentucky	-6.01	3061	408	-7.35	3065	408	-5.16	3082	408	-7.84	3070	408	-6.49	3068	408	-5.64	3085	408	213.3	3052	391

Boyd County, Kentucky	-1.51	2240	225	-1.65	2114	203	-1.44	2090	196	-1.41	2029	168	-1.28	2122	180	-1.21	1979	163	121.4	1793	159
Breathitt County, Kentucky	-5.49	3043	400	-6.85	3051	403	-4.46	3055	395	-7.22	3057	404	-5.86	3050	400	-4.83	3061	397	217.8	3061	396
Carter County, Kentucky	-1.83	2396	261	-2.98	2552	280	-2.31	2530	268	-3.34	2616	287	-2.19	2491	264	-2.67	2640	281	180.2	2930	360
Casey County, Kentucky	-2.89	2708	321	-4.05	2782	336	-2.69	2677	302	-4.56	2837	346	-3.39	2793	333	-3.19	2787	324	176.1	2900	354
Clark County, Kentucky	0.20	1334	91	0.43	1210	72	0.38	1097	70	0.31	1330	74	0.09	1444	87	0.26	1202	69	98.4	941	42
Clay County, Kentucky	-8.34	3096	418	-10.00	3097	418	-5.70	3096	417	-10.61	3099	418	-8.95	3098	418	-6.31	3100	419	265.5	3097	408
Clinton County, Kentucky	-3.00	2743	327	-4.19	2814	343	-2.75	2701	311	-4.74	2871	351	-3.54	2826	342	-3.29	2816	329	190.7	2980	372
Cumberland County, Kentucky	-4.04	2934	376	-5.55	2979	384	-4.12	3021	385	-6.09	2999	385	-4.58	2962	380	-4.67	3043	389	186.3	2964	369
Edmonson County, Kentucky	-2.33	2560	285	-3.31	2632	301	-2.96	2763	326	-3.63	2677	302	-2.65	2623	291	-3.28	2811	328	158.8	2703	317
Elliott County, Kentucky	-4.13	2947	379	-5.75	2994	387	-3.78	2969	374	-6.45	3018	389	-4.82	2986	385	-4.47	3029	385	217.1	3060	395
Estill County, Kentucky	-4.64	2994	388	-5.97	3007	389	-4.17	3027	388	-6.53	3022	391	-5.20	3013	390	-4.73	3050	392	184.8	2952	366
Fleming County, Kentucky	-2.05	2470	270	-3.11	2584	290	-2.43	2581	281	-3.32	2605	283	-2.25	2514	268	-2.63	2623	277	147.4	2508	281
Floyd County, Kentucky	-5.99	3060	407	-7.03	3056	405	-4.17	3026	387	-7.13	3055	402	-6.10	3059	403	-4.28	3010	381	192.3	2988	375
Garrard County, Kentucky	-0.38	1653	128	-1.02	1832	154	-0.75	1692	136	-1.04	1865	144	-0.40	1707	114	-0.76	1723	122	122.8	1834	167.5
Green County, Kentucky	-1.67	2319	247	-2.87	2513	273	-2.53	2624	292	-3.33	2611	286	-2.14	2483	262	-3.00	2742	310	151.9	2609	301.5
Greenup County, Kentucky	-1.55	2255	229	-1.87	2206	222	-1.86	2315	228	-1.78	2146	192	-1.45	2207	205	-1.77	2289	204	125.4	1935	192
Harlan County, Kentucky	-6.46	3071	410	-7.81	3074	410	-5.54	3092	415	-8.22	3076	409	-6.87	3074	410	-5.94	3094	414	223.2	3071	401
Hart County, Kentucky	-2.81	2689	317	-4.07	2790	337	-2.76	2708	314	-4.49	2828	345	-3.23	2755	322	-3.17	2783	322	165.7	2785	330
Jackson County, Kentucky	-6.81	3081	415	-8.52	3089	416	-5.47	3091	414	-9.14	3091	416	-7.43	3087	415	-6.09	3095	415	218.3	3063	398
Johnson County, Kentucky	-3.91	2919	372	-4.93	2915	373	-3.44	2907	356	-5.05	2909	365	-4.03	2911	367	-3.56	2883	342	173.4	2873	349
Knott County, Kentucky	-5.86	3056	405	-7.07	3059	406	-4.40	3048	394	-7.47	3063	406	-6.26	3062	405	-4.80	3057	395	202.8	3017	385

Knox County, Kentucky	-4.92	3014	394	-6.03	3015	393	-3.47	2912	357	-6.66	3034	395	-5.55	3031	395	-4.10	2986	373	205.5	3026	386
Laurel County, Kentucky	-1.56	2266	233	-2.34	2368	252	-1.23	1964	175	-2.63	2433	254	-1.85	2378	244	-1.52	2150	188	149.5	2560	290.5
Lawrence County, Kentucky	-4.68	2996	390	-6.00	3012	390	-4.36	3044	392	-6.17	3001	386	-4.86	2988	386	-4.53	3035	387	212.5	3046	389
Lee County, Kentucky	-6.79	3080	414	-8.25	3081	413	-5.08	3081	407	-8.78	3085	412	-7.31	3084	414	-5.60	3084	407	218.5	3064	399
Leslie County, Kentucky	-7.13	3086	416	-8.46	3086	414	-5.91	3099	419	-8.84	3089	414	-7.51	3088	416	-6.29	3098	417	227.6	3078	403
Letcher County, Kentucky	-5.64	3050	403	-6.68	3047	402	-4.77	3071	402	-6.90	3043	397	-5.86	3051	401	-4.99	3066	398	195.3	2993	377
Lewis County, Kentucky	-5.00	3020	396	-6.57	3045	400	-4.36	3043	391	-6.93	3044	398	-5.36	3024	394	-4.71	3047	391	212.6	3048	390
Lincoln County, Kentucky	-2.22	2528	277	-3.25	2622	298	-2.42	2576	279	-3.73	2693	307	-2.71	2640	295	-2.90	2708	299	162.8	2748	320
Madison County, Kentucky	1.50	791	46	1.02	1010	58	1.60	719	46	0.79	1143	62	1.27	911	47	1.36	802	46	124.5	1901	184.5
Magoffin County, Kentucky	-6.51	3073	411	-7.91	3076	411	-5.26	3085	411	-8.37	3079	411	-6.97	3076	411	-5.73	3088	411	252.5	3092	407
Martin County, Kentucky	-7.66	3093	417	-8.91	3092	417	-5.58	3094	416	-9.46	3093	417	-8.21	3093	417	-6.14	3096	416	220.5	3067	400
McCreary County, Kentucky	-6.69	3078	413	-8.46	3087	415	-5.19	3083	409	-8.82	3088	413	-7.05	3078	412	-5.55	3082	406	248.1	3090	405
Menifee County, Kentucky	-3.75	2893	367	-5.33	2962	379	-3.39	2894	352	-6.26	3008	387	-4.67	2970	383	-4.32	3013	382	214	3054	392
Metcalfe County, Kentucky	-3.41	2828	346	-4.62	2877	360	-3.23	2841	343	-5.15	2919	369	-3.94	2889	359	-3.76	2926	352			
Monroe County, Kentucky	-4.19	2949	380	-5.38	2972	381	-3.77	2964	372	-5.84	2984	382	-4.65	2969	382	-4.22	3003	380	168.7	2820	338
Montgomery County, Kentucky	-0.41	1664	131	-0.93	1788	144	-0.26	1388	98	-1.48	2047	171	-0.95	1992	159	-0.80	1738	124	128.6	2052	215
Morgan County, Kentucky	-5.09	3026	397	-6.53	3043	399	-4.61	3062	399	-7.09	3052	400	-5.65	3037	396	-5.16	3073	400	211.1	3044	388
Nicholas County, Kentucky	-2.89	2712	324	-3.62	2706	316	-2.94	2753	325	-3.85	2714	313	-3.13	2724	318	-3.17	2781	321			
Owsley County, Kentucky	-8.80	3099	419	-10.45	3100	419	-5.74	3098	418	-11.00	3100	419	-9.35	3101	419	-6.30	3099	418	265.9	3098	409
Perry County, Kentucky	-5.51	3046	401	-6.28	3032	395	-3.66	2946	366	-6.59	3028	393	-5.82	3046	399	-3.98	2962	365	191.5	2984	373
Pike County, Kentucky	-4.11	2945	378	-4.64	2884	362	-3.73	2958	368	-5.01	2905	362	-4.48	2954	378	-4.09	2984	372	166	2790	331

Powell County, Kentucky	-3.71	2885	362	-4.79	2900	368	-3.11	2794	331	-5.33	2935	374	-4.25	2931	373	-3.65	2903	346	176.4	2904	356
Pulaski County, Kentucky	-2.19	2521	276	-2.87	2514	274	-1.81	2293	221	-3.06	2552	276	-2.39	2557	276	-2.01	2392	221	143.8	2442	268
Robertson County, Kentucky	-2.61	2642	305	-3.85	2744	327	-2.69	2679	304	-4.35	2813	340	-3.11	2719	317	-3.19	2788	325			
Rockcastle County, Kentucky	-3.76	2895	368	-5.02	2924	374	-3.15	2813	336	-5.72	2970	379	-4.46	2951	377	-3.85	2940	358	169.5	2826	340
Rowan County, Kentucky	-0.64	1797	148	-1.52	2062	192	-0.02	1272	88	-2.06	2278	222	-1.18	2084	172	-0.56	1615	108	146.2	2490	277
Russell County, Kentucky	-2.50	2606	299	-3.57	2692	314	-2.41	2574	277	-3.94	2733	317	-2.88	2670	307	-2.79	2683	292	175.1	2890	352
Wayne County, Kentucky	-3.95	2926	373	-5.17	2944	377	-3.26	2854	345	-5.61	2962	377	-4.40	2949	376	-3.70	2918	350	188.4	2972	371
Whitley County, Kentucky	-3.51	2851	354	-4.64	2885	363	-2.62	2651	295	-5.12	2915	368	-3.99	2899	362	-3.10	2767	317	180.9	2932	362
Wolfe County, Kentucky	-6.53	3074	412	-8.20	3080	412	-4.74	3069	401	-8.85	3090	415	-7.18	3082	413	-5.39	3076	402	250.1	3091	406
Maryland																					
Allegany County, Maryland	-1.23	2114	203	-1.86	2200	219	-2.00	2386	238	-1.92	2214	206	-1.30	2138	183	-2.07	2410	223	131.6	2148	230.5
Garrett County, Maryland	0.29	1282	82	0.18	1325	86	-0.17	1344	93	-0.11	1508	95	0.00	1503	91	-0.47	1568	98	114.1	1537	116
Washington County, Maryland	0.52	1166	72	0.97	1025	60	0.23	1160	76	0.86	1108	60	0.40	1291	73	0.11	1280	77	91.8	672	22.5
Mississippi																					
Alcorn County, Mississippi	-1.80	2378	258	-2.54	2430	261	-2.13	2455	256	-2.61	2423	252	-1.86	2382	245	-2.19	2449	232	144.9	2464	273.5
Benton County, Mississippi	-4.22	2951	382	-5.63	2984	385	-4.57	3060	398	-5.76	2975	380	-4.35	2944	375	-4.70	3046	390	201.1	3011	383
Calhoun County, Mississippi	-3.73	2889	363	-4.42	2850	352	-3.11	2796	332	-4.59	2846	347	-3.90	2884	355	-3.28	2810	327	144.7	2457	271
Chickasaw County, Mississippi	-3.29	2804	342	-4.18	2812	342	-3.38	2890	350	-4.19	2789	333	-3.30	2776	326	-3.39	2832	333	166.1	2791	332
Choctaw County, Mississippi	-4.32	2964	386	-5.52	2978	383	-3.89	2994	376	-5.71	2969	378	-4.51	2955	379	-4.08	2979	369	206.4	3030	387
Clay County, Mississippi	-3.99	2931	374	-4.47	2853	353	-2.86	2735	321	-4.64	2855	348	-4.16	2923	370	-3.04	2751	313	173.6	2878	350
Itawamba County, Mississippi	-1.67	2316	245	-2.18	2317	243	-2.28	2519	267	-1.89	2201	204	-1.39	2174	195	-1.99	2388	220	124.9	1918	187.5

Kemper County, Mississippi	-4.25	2954	384	-5.47	2974	382	-3.73	2959	369	-5.47	2944	375	-4.25	2929	372	-3.74	2921	351	195.8	2996	378.5
Lee County, Mississippi	0.23	1325	88	0.50	1188	70	0.54	1030	66	0.65	1193	64	0.38	1307	75	0.69	1039	59	108	1298	80.5
Lowndes County, Mississippi	-1.61	2286	238	-1.71	2137	209	-0.72	1671	132	-1.83	2179	198	-1.74	2335	229	-0.84	1753	125	149.5	2559	290.5
Marshall County, Mississippi	-2.89	2710	323	-3.58	2698	315	-2.39	2565	273	-3.78	2702	310	-3.10	2713	314	-2.60	2610	272	166.5	2793	333
Monroe County, Mississippi	-2.39	2582	293	-2.94	2536	278	-2.41	2575	278	-2.95	2518	268	-2.40	2561	277	-2.42	2544	258	148.9	2547	288
Montgomery County, Mississippi	-4.01	2933	375	-4.90	2911	371	-3.65	2944	364	-5.10	2912	367	-4.21	2927	371	-3.85	2942	359	186	2961	368
Noxubee County, Mississippi	-5.87	3058	406	-7.17	3062	407	-4.33	3042	390	-7.59	3068	407	-6.29	3063	406	-4.75	3051	393	223.4	3072	402
Oktibbeha County, Mississippi	-0.91	1949	169	-1.08	1864	158	1.53	739	48	-1.83	2175	195	-1.65	2299	227	0.79	1009	55	156.4	2667	311
Panola County, Mississippi	-3.42	2830	347	-4.18	2811	341	-2.03	2400	244	-4.09	2762	324	-3.33	2780	329	-1.94	2361	217	182.2	2938	363
Pontotoc County, Mississippi	-0.53	1729	139	-1.06	1848	157	-0.88	1771	151	-1.05	1871	146	-0.52	1779	127	-0.87	1776	132	124	1890	182
Prentiss County, Mississippi	-2.25	2534	279	-3.34	2635	303	-2.89	2742	322	-3.16	2572	280	-2.07	2462	261	-2.72	2661	287	148.2	2527	285.5
Tippah County, Mississippi	-2.55	2626	301	-3.45	2665	308	-2.74	2696	309	-3.40	2628	290	-2.51	2590	283	-2.70	2644	282	150.7	2581	294.5
Tishomingo County, Mississippi	-2.67	2657	312	-3.77	2732	323	-3.34	2878	348	-3.88	2719	315	-2.78	2653	301	-3.45	2851	337	158	2691	315
Union County, Mississippi	-0.34	1629	124	-0.88	1773	141	-1.00	1837	161	-0.99	1844	136	-0.44	1729	117	-1.10	1926	154	125.3	1928	190.5
Webster County, Mississippi	-3.69	2884	361	-4.93	2914	372	-4.18	3028	389	-5.20	2922	371	-3.96	2892	361	-4.44	3025	384	199.2	3004	382
Winston County, Mississippi	-2.97	2733	326	-3.78	2734	324	-2.76	2705	313	-4.01	2746	319	-3.21	2745	320	-2.99	2738	308	178.7	2920	358
Yalobusha County, Mississippi	-3.42	2831	348	-4.36	2840	348	-2.80	2719	316	-4.41	2821	342	-3.48	2812	340	-2.85	2701	296	165.5	2781	329
North Carolina																					
Alexander County, North Carolina	0.21	1330	90	0.11	1352	89	-0.42	1478	109	0.19	1381	79	0.30	1343	79	-0.34	1512	92	105.8	1214	70

Alleghany County, North Carolina	-1.56	2262	231	-1.93	2228	226	-1.68	2224	210	-1.95	2228	210	-1.58	2268	219	-1.70	2246	198	142.8	2416	265
Ashe County, North Carolina	-0.42	1673	133	-0.84	1750	135	-0.82	1729	142	-0.96	1835	135	-0.54	1788	130	-0.95	1825	139	125.7	1940	193
Avery County, North Carolina	-0.76	1863	157	-1.31	1964	175	-0.91	1790	154	-1.26	1970	162	-0.71	1876	142	-0.86	1768	130	123.1	1850	174
Buncombe County, North Carolina	2.14	609	40	2.49	649	35	2.31	542	33	2.42	681	33	2.07	639	35	2.24	571	26	97	870	38
Burke County, North Carolina	-1.26	2131	208	-1.43	2013	184	-1.29	2001	184	-1.35	2005	166	-1.18	2086	173	-1.21	1982	164	120.2	1756	151.5
Caldwell County, North Carolina	-0.84	1903	163	-1.02	1829	153	-1.26	1986	181	-1.00	1853	141	-0.83	1933	148	-1.24	2001	168	119.1	1720	149
Cherokee County, North Carolina	-1.68	2327	251	-2.73	2481	265	-2.36	2549	270	-2.42	2384	246	-1.38	2169	192	-2.06	2408	222	157.6	2688	314
Clay County, North Carolina	0.95	982	56	0.25	1294	81	0.10	1224	82	0.34	1324	73	1.04	1001	51	0.19	1245	73	114.6	1559	120
Davie County, North Carolina	2.58	472	29	3.27	477	22	2.33	533	30	3.28	490	18	2.59	496	23	2.34	545	22	91.3	649	21
Forsyth County, North Carolina	2.47	504	33	3.55	418	17	3.39	346	12	3.23	496	19	2.15	618	34	3.07	392	13	93.4	723	29
Graham County, North Carolina	-1.06	2023	179	-1.87	2205	221	-0.73	1682	134	-1.98	2237	212	-1.17	2081	171	-0.84	1756	127	163.2	2751	322
Haywood County, North Carolina	0.23	1320	86	-0.02	1420	97	-0.30	1410	101	0.38	1299	72	0.63	1172	63	0.10	1292	80	110.3	1383	99
Henderson County, North Carolina	2.39	533	35	2.77	578	30	2.09	601	39	2.81	581	23	2.44	530	29	2.13	597	30	92.7	700	27
Jackson County, North Carolina	2.49	499	32	2.25	703	40	2.81	435	20	2.20	737	38	2.44	526	28	2.76	458	16	116.2	1629	129
Macon County, North Carolina	0.98	973	55	0.65	1134	67	0.58	1013	64	0.90	1093	58	1.23	932	48	0.83	995	54	112.1	1459	106
Madison County, North Carolina	-0.23	1563	115	-0.85	1759	138	-0.68	1641	125	-1.16	1927	153	-0.53	1787	129	-0.98	1849	144	128.2	2035	211
McDowell County, North Carolina	-0.73	1843	154	-1.39	1998	181	-1.46	2096	198	-1.17	1935	155	-0.51	1770	122	-1.24	1999	167	129.4	2071	218

Mitchell County, North Carolina	-1.39	2191	217	-2.20	2325	244	-2.09	2435	251	-2.19	2317	230	-1.38	2170	193	-2.08	2412	224	151.5	2597	299
Polk County, North Carolina	2.17	599	39	3.23	482	23	2.65	469	23	2.99	542	21	1.92	691	37	2.40	530	21	87.7	510	14
Rutherford County, North Carolina	-1.08	2035	184	-1.57	2077	196	-1.36	2042	189	-1.50	2054	172	-1.01	2015	164	-1.30	2026	171	142.2	2403	262
Stokes County, North Carolina	0.14	1367	96	-0.06	1437	99	-0.72	1674	133	0.07	1432	84	0.27	1357	81	-0.59	1631	113	104.2	1155	64
Surry County, North Carolina	-0.95	1970	174	-1.19	1908	167	-0.81	1722	140	-1.19	1940	156	-0.94	1987	158	-0.80	1737	123	123.1	1848	174
Swain County, North Carolina	0.07	1405	102	-0.75	1721	131	-0.40	1464	106	-0.49	1651	112	0.33	1327	78	-0.14	1410	87	158.3	2696	316
Transylvania County, North Carolina	0.68	1091	67	0.62	1146	68	0.26	1145	75	0.60	1216	66	0.66	1161	61	0.24	1215	70	117	1655	136
Watauga County, North Carolina	2.27	567	37	2.50	648	34	3.06	392	15	1.96	793	42	1.73	755	41	2.52	514	19	112.9	1496	110.5
Wilkes County, North Carolina	-0.94	1962	172	-0.89	1779	143	-0.89	1779	152	-0.99	1849	139	-1.04	2029	167	-0.99	1859	147	120.7	1773	155
Yadkin County, North Carolina	-0.42	1672	132	-0.63	1681	127	-0.57	1570	115	-0.55	1670	114	-0.34	1670	110	-0.49	1583	101	106.5	1232	71
Yancey County, North Carolina	-1.12	2050	186	-2.08	2288	238	-2.02	2396	241	-2.29	2346	239	-1.33	2149	188	-2.23	2466	237	150.8	2582	296
New York																					
Allegany County, New York	-1.16	2073	191	-1.95	2237	228	-1.69	2234	212	-1.81	2166	193	-1.03	2024	166	-1.56	2174	191	138.2	2312	249
Broome County, New York	0.06	1407	103	0.11	1354	90	0.01	1259	85	0.12	1401	80	0.07	1454	88	0.02	1324	83	111.6	1440	103.5
Cattaraugus County, New York	-0.93	1955	170	-1.14	1889	162	-1.03	1862	165	-1.09	1894	147	-0.87	1962	153	-0.98	1845	141	120.7	1772	155
Chautauqua County, New York	-0.80	1881	159	-1.25	1934	169	-1.25	1974	177	-1.11	1903	148	-0.66	1858	140	-1.11	1935	157	124.5	1897	184.5
Chemung County, New York	-1.02	1994	177	-1.09	1870	159	-0.95	1810	158	-1.04	1870	145	-0.97	1998	160	-0.90	1793	134	120.7	1771	155
Chenango County, New York	-0.70	1831	152	-0.97	1809	150	-1.41	2061	191	-0.86	1800	133	-0.59	1813	134	-1.29	2023	170	122.9	1842	171.5
Cortland County, New York	-0.31	1610	118	-0.64	1683	128	-0.69	1646	128	-0.49	1650	111	-0.16	1570	100	-0.54	1605	106	126.5	1971	199

Delaware County, New York	-0.63	1789	146	-0.82	1745	133	-0.97	1820	159	-0.73	1747	125	-0.54	1791	132	-0.88	1778	133	112.6	1482	108
Otsego County, New York	0.17	1352	93	0.02	1399	94	0.12	1216	80	-0.04	1476	89	0.11	1436	86	0.06	1309	81	118.1	1688	143
Schoharie County, New York	-0.19	1539	113	-0.23	1508	110	-0.62	1603	119	-0.13	1515	97	-0.09	1542	98	-0.52	1599	104	110.6	1399	100
Schuyler County, New York	0.18	1348	92	-0.09	1452	100	-0.68	1644	127	-0.03	1473	88	0.24	1374	83	-0.62	1646	114	122.2	1817	162.5
Steuben County, New York	-0.83	1895	162	-0.16	1480	105	-0.18	1347	94	-0.05	1481	90	-0.71	1877	143	-0.06	1364	85	120.8	1774	157
Tioga County, New York	0.83	1025	59	0.94	1036	62	0.17	1184	78	0.97	1072	56	0.86	1082	55	0.20	1240	72	99.3	984	46.5
Tompkins County, New York	3.53	293	12	3.89	371	12	4.55	217	8	2.61	627	27	2.24	591	32	3.26	362	11	108.8	1319	83.5
Ohio																					
Adams County, Ohio	-2.39	2579	292	-3.22	2611	295	-2.50	2606	287	-3.57	2660	300	-2.73	2642	297	-2.85	2700	295	166.6	2795	334.5
Ashtabula County, Ohio	-1.38	2186	216	-1.78	2173	215	-1.72	2249	214	-1.88	2193	201	-1.47	2223	208	-1.81	2311	207			
Athens County, Ohio	-1.75	2357	256	-2.49	2410	257	-0.20	1360	95	-2.98	2527	271	-2.24	2507	267	-0.69	1679	115	165.1	2775	328
Belmont County, Ohio	-1.85	2403	263	-2.29	2353	250	-2.26	2512	265	-2.33	2361	241	-1.89	2393	246	-2.30	2498	242	128.2	2034	211
Brown County, Ohio	-0.33	1620	122	-0.58	1666	125	-0.83	1732	143	-0.75	1758	127	-0.50	1758	120	-1.00	1863	149	118.8	1703	144.5
Carroll County, Ohio	-0.83	1894	161	-1.24	1931	168	-1.82	2297	223	-1.61	2091	180	-1.20	2093	174	-2.19	2452	234	121.7	1807	161
Clermont County, Ohio	2.87	402	19	3.77	388	14	2.79	447	21	3.59	432	14	2.70	462	19	2.61	495	18	83.8	366	8
Columbiana County, Ohio	-1.53	2248	227	-2.03	2269	233	-2.03	2404	245	-2.10	2295	227	-1.61	2283	223	-2.11	2421	227	122.8	1832	167.5
Coshocton County, Ohio	-1.13	2053	187	-1.54	2067	193	-1.91	2332	231	-1.94	2221	208	-1.53	2248	213	-2.31	2502	243	117.7	1678	140
Gallia County, Ohio	-2.77	2683	315	-3.15	2596	292	-1.87	2317	229	-3.37	2624	289	-3.00	2699	312	-2.09	2415	225	146.4	2494	279
Guernsey County, Ohio	-1.42	2209	221	-2.11	2294	239	-2.05	2412	247	-2.23	2324	232	-1.54	2251	214	-2.16	2443	230	140.4	2367	257
Harrison County, Ohio	-2.26	2538	280	-2.93	2529	276	-2.63	2657	297	-2.96	2522	269	-2.30	2527	272	-2.66	2638	280	131.1	2131	227
Highland County, Ohio	-0.38	1652	127	-0.66	1694	130	-0.83	1733	144	-0.80	1775	130	-0.52	1776	126	-0.96	1838	140	117.9	1683	141.5

Hocking County, Ohio	-1.36	2176	214	-1.89	2215	223	-1.75	2264	217	-2.00	2252	216	-1.47	2218	207	-1.86	2322	211	130.8	2122	225.5
Holmes County, Ohio	0.55	1153	71	0.13	1346	88	-0.58	1577	117	-0.67	1725	123	-0.25	1623	106	-1.38	2078	178	110	1373	95.5
Jackson County, Ohio	-1.58	2272	235	-2.34	2370	253	-2.01	2393	240	-2.66	2446	258	-1.90	2399	247	-2.33	2512	246	150.5	2576	293
Jefferson County, Ohio	-2.66	2654	311	-3.11	2583	289	-2.82	2722	318	-3.15	2570	279	-2.71	2638	294	-2.86	2704	297	133.7	2192	236
Lawrence County, Ohio	-2.63	2645	306	-3.42	2657	307	-2.33	2538	269	-3.52	2646	295	-2.74	2646	300	-2.43	2552	260	150	2566	292
Mahoning County, Ohio	-1.21	2099	199	-1.16	1897	165	-0.92	1794	155	-1.26	1966	160	-1.31	2144	186	-1.02	1880	152			
Meigs County, Ohio	-3.74	2892	366	-4.73	2897	366	-3.98	3002	379	-4.91	2892	358	-3.92	2885	356	-4.16	2995	376	180.7	2931	361
Monroe County, Ohio	-3.42	2832	349	-4.13	2803	340	-4.01	3007	381	-4.28	2802	336	-3.57	2832	343	-4.15	2992	375	144.9	2463	273.5
Morgan County, Ohio	-3.66	2880	360	-4.81	2903	369	-3.99	3004	380	-5.03	2906	363	-3.89	2881	353	-4.22	3001	379	167.1	2798	336
Muskingum County, Ohio	-1.56	2260	230	-1.93	2227	225	-1.72	2252	215	-2.01	2257	217	-1.64	2293	226	-1.80	2305	205	123.6	1870	178
Noble County, Ohio	-1.70	2333	252	-2.86	2509	271	-2.65	2667	299	-2.73	2465	260	-1.57	2263	218	-2.52	2588	267	148.2	2528	285.5
Perry County, Ohio	-1.67	2317	246	-2.52	2424	260	-2.58	2641	293	-2.66	2444	257	-1.80	2361	240	-2.71	2657	285	138.8	2327	253
Pike County, Ohio	-3.59	2865	357	-4.47	2854	354	-3.22	2839	342	-4.71	2864	350	-3.83	2873	352	-3.46	2854	338	167.6	2804	337
Ross County, Ohio	-1.21	2103	200	-1.59	2087	199	-1.80	2286	220	-1.68	2114	187	-1.30	2137	182	-1.89	2336	215	122.8	1835	167.5
Scioto County, Ohio	-3.45	2838	351	-4.28	2827	345	-3.40	2896	354	-4.19	2788	332	-3.37	2787	331	-3.31	2819	331	163	2749	321
Trumbull County, Ohio	-1.17	2081	195	-1.25	1937	170	-1.34	2030	187	-1.35	2004	165	-1.27	2119	177	-1.43	2110	185			
Tuscarawas County, Ohio	0.01	1442	105	-0.21	1502	109	-0.72	1669	131	-0.48	1647	110	-0.26	1627	107	-0.98	1848	143	107	1261	74.5
Vinton County, Ohio	-2.59	2634	303	-3.76	2728	321	-3.15	2816	337	-4.04	2753	322	-2.87	2666	305	-3.44	2846	335	171.5	2849	345
Washington County, Ohio	-0.24	1569	116	-0.34	1556	116	-0.60	1589	118	-0.30	1580	100	-0.20	1590	102	-0.56	1616	109	111.6	1443	103.5
Pennsylvania																					
Allegheny County, Pennsylvania	1.36	841	48	3.06	513	24	2.49	503	25	2.55	642	29	0.85	1088	57	1.99	637	38	90.4	610	18

Armstrong County, Pennsylvania	-1.68	2324	249	-1.67	2123	206	-1.99	2381	237	-1.99	2249	215	-2.00	2438	256	-2.32	2507	244	116.4	1634	130.5
Beaver County, Pennsylvania	-0.05	1471	109	0.04	1393	92	-0.79	1712	138	0.09	1420	82	-0.01	1506	93	-0.75	1715	120	104.6	1169	67
Bedford County, Pennsylvania	-1.23	2112	202	-1.72	2145	211	-2.12	2454	255	-2.09	2288	225	-1.60	2277	220	-2.49	2577	265	126.2	1961	196.5
Blair County, Pennsylvania	-0.68	1820	150	-0.84	1751	136	-1.05	1870	167	-1.15	1923	151	-0.99	2008	162	-1.36	2066	177	113.1	1503	112.5
Bradford County, Pennsylvania	-0.55	1738	142	-0.85	1760	139	-1.03	1864	166	-1.21	1949	158	-0.91	1975	157	-1.39	2085	180	109.9	1360	92
Butler County, Pennsylvania	2.43	513	34	3.29	472	21	2.28	548	34	2.92	556	22	2.07	640	36	1.91	662	39	91.9	675	24
Cambria County, Pennsylvania	-1.66	2313	244	-2.07	2283	237	-2.26	2513	266	-2.43	2389	247	-2.03	2449	257	-2.63	2622	276	125.3	1932	190.5
Cameron County, Pennsylvania	-1.60	2282	237	-1.89	2217	224	-2.38	2556	272	-2.27	2338	236	-1.98	2431	255	-2.76	2675	290	118.9	1710	146
Carbon County, Pennsylvania	-0.37	1642	125	-0.46	1608	121	-1.18	1934	173	-0.59	1686	117	-0.49	1757	119	-1.31	2034	174	109.3	1337	88.5
Centre County, Pennsylvania	2.58	473	30	2.96	533	25	2.90	423	19	1.76	848	47	1.38	871	44	1.70	721	44	115.6	1603	125.5
Clarion County, Pennsylvania	-1.17	2075	192	-1.36	1985	178	-1.13	1908	170	-1.98	2242	213	-1.79	2354	235	-1.76	2285	202	121.6	1801	160
Clearfield County, Pennsylvania	-1.41	2207	220	-1.86	2202	220	-1.83	2298	224	-2.28	2340	237	-1.84	2373	242	-2.25	2477	239	127.1	1992	201.5
Clinton County, Pennsylvania	-0.54	1734	140	-0.96	1803	148	-1.25	1978	179	-1.26	1967	161	-0.84	1943	151	-1.55	2170	190	131.5	2143	229
Columbia County, Pennsylvania	0.01	1446	107	-0.09	1454	101	-0.42	1473	107	-0.61	1696	120	-0.51	1772	123	-0.93	1810	136	117.4	1667	137
Crawford County, Pennsylvania	-0.79	1877	158	-1.26	1942	173	-1.42	2075	192	-1.71	2126	190	-1.24	2108	175	-1.87	2332	214	126.2	1957	196.5
Elk County, Pennsylvania	-0.37	1648	126	-0.28	1528	113	-1.17	1926	172	-0.43	1627	108	-0.52	1775	125	-1.31	2036	175	96.9	866	36.5
Erie County, Pennsylvania	0.25	1307	85	0.22	1308	82	0.10	1223	81	-0.24	1561	99	-0.21	1596	104	-0.36	1520	95	114.4	1552	119
Fayette County, Pennsylvania	-2.66	2653	310	-3.23	2613	296	-2.53	2617	290	-3.67	2684	306	-3.10	2715	315	-2.96	2727	304	143.5	2436	266.5
Forest County, Pennsylvania	-1.95	2439	268	-3.32	2633	302	-2.38	2554	271	-3.65	2679	303	-2.27	2521	270	-2.70	2652	283	179.6	2925	359
Fulton County, Pennsylvania	-0.29	1594	117	0.01	1407	95	-0.45	1489	111	-0.49	1655	113	-0.79	1912	147	-0.94	1823	138	107.1	1268	76

Greene County, Pennsylvania	-2.34	2562	287	-3.00	2556	282	-2.52	2614	289	-3.54	2650	296	-2.88	2668	306	-3.06	2758	315	138.7	2323	251.5
Huntingdon County, Pennsylvania	-0.90	1942	167	-1.45	2022	185	-1.93	2345	233	-2.07	2281	223	-1.53	2246	212	-2.56	2598	269	133.1	2177	235
Indiana County, Pennsylvania	-1.19	2089	198	-1.26	1941	172	-0.65	1621	120	-1.82	2171	194	-1.76	2343	232	-1.21	1986	165	129.5	2076	219.5
Jefferson County, Pennsylvania	-0.91	1947	168	-1.27	1948	174	-1.58	2178	205	-1.64	2099	184	-1.28	2121	179	-1.95	2368	218	119	1716	147.5
Juniata County, Pennsylvania	0.50	1177	76	0.49	1192	71	-0.58	1574	116	-0.05	1484	91	-0.03	1513	94	-1.11	1932	156	99.4	989	48
Lackawanna County, Pennsylvania	0.09	1391	99	0.39	1226	76	-0.01	1267	87	0.06	1441	85	-0.25	1619	105	-0.35	1513	93	102.6	1111	61
Lawrence County, Pennsylvania	-1.06	2021	178	-1.36	1986	179	-1.50	2123	201	-1.62	2092	181	-1.31	2143	185	-1.75	2278	201	119.5	1729	150
Luzerne County, Pennsylvania	-0.31	1612	119	-0.11	1463	102	-0.66	1635	122	-0.31	1586	101	-0.51	1773	124	-0.86	1770	131	109.2	1328	86.5
Lycoming County, Pennsylvania	-0.51	1721	138	-0.58	1663	124	-0.92	1799	157	-0.59	1689	118	-0.52	1782	128	-0.93	1809	135	110	1366	95.5
McKean County, Pennsylvania	-1.16	2070	190	-1.33	1976	176	-1.56	2167	204	-1.63	2095	183	-1.45	2203	204	-1.85	2321	210	116.6	1641	132.5
Mercer County, Pennsylvania	-0.39	1657	130	-0.63	1680	126	-1.26	1982	180	-0.99	1851	140	-0.76	1899	146	-1.62	2205	194	113.3	1510	114
Mifflin County, Pennsylvania	-1.17	2078	194	-1.73	2152	212	-1.93	2343	232	-2.33	2362	242	-1.77	2347	234	-2.52	2589	268	128.5	2047	214
Monroe County, Pennsylvania	3.19	348	15	3.33	466	20	2.37	520	27	3.11	528	20	2.97	394	13	2.14	595	29	99.5	996	49.5
Montour County, Pennsylvania	1.09	931	54	1.85	796	47	1.09	857	54	1.14	1031	52	0.38	1303	74	0.38	1160	65	89.3	573	16
Northumberland County, Pennsylvania	-1.15	2068	188	-1.40	2004	182	-1.76	2267	218	-1.85	2184	199	-1.60	2278	221	-2.21	2459	235	117.6	1673	138.5
Perry County, Pennsylvania	0.78	1048	62	0.96	1028	61	-0.09	1307	90	0.62	1203	65	0.44	1270	72	-0.42	1552	96	90.7	633	19
Pike County, Pennsylvania	3.21	343	13	3.35	463	19	2.32	537	31	3.32	478	16	3.18	353	12	2.29	558	24	94.1	751	30.5
Potter County, Pennsylvania	-1.63	2294	239	-1.52	2061	191	-1.54	2157	202	-1.69	2118	188	-1.79	2355	236	-1.71	2252	199	120.2	1755	151.5
Schuylkill County, Pennsylvania	-1.18	2083	197	-1.51	2055	189	-2.03	2398	243	-1.83	2176	196	-1.50	2239	211	-2.34	2516	250	114.3	1543	117.5

Snyder County, Pennsylvania	0.00	1447	108	-0.17	1484	106	-0.88	1770	150	-0.83	1787	131	-0.66	1854	139	-1.54	2167	189	100.4	1024	53
Somerset County, Pennsylvania	-1.01	1993	176	-1.51	2054	188	-2.11	2443	254	-1.97	2235	211	-1.48	2227	209	-2.57	2604	271	125.2	1927	189
Sullivan County, Pennsylvania	-1.18	2082	196	-1.77	2170	214	-2.17	2480	258	-2.01	2258	218	-1.42	2187	201	-2.42	2542	257	124.9	1914	187.5
Susquehanna County, Pennsylvania	-0.10	1494	111	-0.26	1519	112	-0.87	1760	148	-0.37	1609	106	-0.21	1594	103	-0.98	1847	142	116.7	1647	134
Tioga County, Pennsylvania	-0.87	1922	165	-1.52	2059	190	-1.63	2202	207	-1.70	2121	189	-1.04	2031	168	-1.81	2310	206	128	2026	208
Union County, Pennsylvania	-0.93	1960	171	-1.13	1886	161	-1.44	2087	195	-1.83	2177	197	-1.63	2287	224	-2.14	2435	228	102.1	1094	60
Venango County, Pennsylvania	-1.56	2263	232	-1.98	2247	229	-2.10	2436	252	-2.33	2363	243	-1.91	2405	248	-2.44	2560	261	124.3	1894	183
Warren County, Pennsylvania	-0.81	1889	160	-0.96	1802	147	-1.32	2016	186	-1.13	1913	149	-0.98	2002	161	-1.48	2133	186	109.1	1324	85
Washington County, Pennsylvania	0.69	1084	66	1.57	864	49	0.68	976	61	1.21	1004	49	0.34	1324	77	0.33	1176	66	98.5	947	43
Wayne County, Pennsylvania	0.64	1107	68	0.38	1233	77	-0.25	1383	97	0.28	1344	76	0.54	1220	68	-0.35	1516	94	106.6	1237	72
Westmoreland County, Pennsylvania	0.72	1075	65	1.29	936	53	0.39	1094	69	1.05	1058	55	0.48	1251	71	0.15	1267	75	96.9	868	36.5
Wyoming County, Pennsylvania	0.08	1396	100	0.00	1409	96	-0.67	1638	123	-0.16	1528	98	-0.08	1541	97	-0.84	1754	126	109.2	1330	86.5
South Carolina																					
Anderson County, South Carolina	0.28	1292	83	0.22	1309	83	0.00	1261	86	0.23	1368	77	0.29	1346	80	0.02	1326	84	114.3	1545	117.5
Cherokee County, South Carolina	-1.06	2025	180	-1.69	2133	207	-1.42	2078	193	-2.02	2259	219	-1.39	2173	194	-1.75	2277	200	140.8	2373	258
Greenville County, South Carolina	2.78	422	22	3.51	424	18	3.04	395	16	3.36	468	15	2.64	477	20	2.89	433	15	94.1	750	30.5
Oconee County, South Carolina	-0.20	1549	114	-0.13	1467	103	-0.32	1427	104	-0.33	1596	104	-0.41	1713	115	-0.53	1602	105	113.1	1504	112.5
Pickens County, South Carolina	0.35	1251	80	0.06	1383	91	0.27	1139	74	-0.10	1501	93	0.19	1401	84	0.11	1286	78	120.4	1763	153

Spartanburg County, South Carolina	0.56	1150	70	0.56	1166	69	0.33	1113	73	0.52	1241	69	0.51	1239	70	0.29	1192	68	116.9	1654	135
Tennessee																					
Anderson County, Tennessee	0.03	1429	104	0.19	1324	85	0.34	1110	72	-0.01	1468	87	-0.17	1577	101	0.15	1268	76	104	1150	62.5
Bledsoe County, Tennessee	-3.18	2783	336	-3.92	2756	332	-2.92	2750	324	-4.17	2779	330	-3.43	2800	335	-3.17	2785	323	145.4	2474	276
Blount County, Tennessee	1.76	708	43	1.82	806	48	1.32	805	51	1.80	838	46	1.74	751	40	1.30	823	48	91.8	674	22.5
Bradley County, Tennessee	0.42	1212	78	0.42	1212	73	0.51	1043	67	0.52	1242	70	0.52	1234	69	0.61	1068	60	104	1149	62.5
Campbell County, Tennessee	-3.62	2872	358	-4.53	2863	356	-3.12	2805	333	-4.91	2893	359	-4.00	2902	363	-3.50	2865	340	161.6	2735	318
Cannon County, Tennessee	-0.76	1856	156	-0.98	1810	151	-0.90	1780	153	-1.46	2044	170	-1.25	2110	176	-1.39	2082	179	107.2	1272	77
Carter County, Tennessee	-1.33	2163	212	-2.11	2297	240	-1.31	2014	185	-2.23	2327	234	-1.44	2201	203	-1.43	2107	184	141.3	2380	259
Claiborne County, Tennessee	-2.96	2730	325	-3.79	2736	325	-2.64	2661	298	-4.25	2794	334	-3.43	2798	334	-3.10	2766	316	154	2639	306.5
Clay County, Tennessee	-3.66	2879	359	-4.68	2890	364	-3.37	2887	349	-5.30	2931	373	-4.28	2935	374	-3.98	2963	366	164.9	2769	327
Cocke County, Tennessee	-3.46	2840	352	-4.59	2873	359	-2.75	2700	310	-4.89	2890	356	-3.76	2864	350	-3.05	2753	314	176.2	2901	355
Coffee County, Tennessee	0.78	1045	61	0.82	1068	66	0.67	981	62	0.59	1220	67	0.55	1213	66	0.44	1132	62	108.8	1316	83.5
Cumberland County, Tennessee	-0.49	1706	136	-1.05	1840	156	-0.74	1688	135	-1.24	1959	159	-0.68	1862	141	-0.94	1816	137	128.1	2029	209
DeKalb County, Tennessee	0.15	1361	94	-0.29	1536	114	0.06	1237	83	-0.83	1790	132	-0.39	1701	113	-0.48	1579	100	123.5	1868	177
Fentress County, Tennessee	-3.13	2771	332	-4.08	2791	338	-2.49	2604	286	-4.89	2889	355	-3.94	2888	358	-3.30	2818	330	171.6	2852	346
Franklin County, Tennessee	0.33	1263	81	-0.15	1478	104	-0.68	1642	126	-0.33	1591	103	0.15	1419	85	-0.86	1765	128	115.6	1604	125.5
Grainger County, Tennessee	-1.70	2335	253	-2.50	2416	258	-1.81	2295	222	-3.03	2541	275	-2.23	2504	266	-2.34	2515	249	151.1	2588	298
Greene County, Tennessee	-1.36	2177	215	-1.54	2068	194	-0.81	1718	139	-1.93	2217	207	-1.75	2341	230	-1.20	1976	162	130.1	2097	221.5
Grundy County, Tennessee	-4.29	2963	385	-5.30	2955	378	-3.39	2893	351	-5.94	2990	384	-4.94	2994	387	-4.04	2972	368	171.4	2848	344
Hamblen County, Tennessee	-0.59	1762	144	-0.85	1757	137	-0.56	1565	114	-0.99	1846	138	-0.73	1884	144	-0.70	1685	116	116.6	1642	132.5

Hamilton County, Tennessee	1.38	829	47	2.21	709	41	1.95	629	42	2.31	708	36	1.48	828	42	2.05	621	35	91.2	648	20
Hancock County, Tennessee	-5.81	3054	404	-7.59	3070	409	-4.85	3075	404	-8.28	3077	410	-6.50	3069	409	-5.53	3080	404	230.7	3081	404
Hawkins County, Tennessee	-1.07	2033	183	-1.66	2119	204	-1.45	2095	197	-1.89	2198	203	-1.31	2140	184	-1.69	2238	197	130.1	2098	221.5
Jackson County, Tennessee	-2.68	2660	313	-3.48	2672	311	-2.41	2570	275	-4.01	2745	318	-3.21	2746	321	-2.94	2721	302	148.1	2524	284
Jefferson County, Tennessee	0.10	1384	98	-0.50	1626	122	-0.13	1327	91	-0.65	1718	122	-0.05	1524	95	-0.29	1479	90	123.7	1876	180
Johnson County, Tennessee	-3.57	2860	356	-4.85	2907	370	-3.76	2962	370	-5.28	2929	372	-4.01	2904	364	-4.19	2998	377	195.8	2995	378.5
Knox County, Tennessee	2.82	411	21	3.63	407	16	3.26	361	13	3.28	488	17	2.47	521	27	2.91	431	14	89.5	580	17
Lawrence County, Tennessee	-2.36	2572	290	-3.26	2623	299	-3.08	2791	330	-3.63	2675	301	-2.73	2643	298	-3.45	2850	336			
Lewis County, Tennessee	-1.89	2413	264	-2.94	2532	277	-2.49	2603	285	-3.01	2533	273	-1.96	2424	253	-2.56	2599	270			
Loudon County, Tennessee	1.79	699	42	2.20	712	42	1.55	733	47	2.16	753	39	1.75	744	39	1.51	767	45	94.2	757	32
Macon County, Tennessee	-1.11	2048	185	-1.64	2099	200	-1.08	1884	168	-1.99	2244	214	-1.46	2212	206	-1.43	2106	183	130.3	2105	223
Marion County, Tennessee	-1.17	2077	193	-1.47	2034	186	-1.65	2208	208	-1.59	2086	178	-1.29	2129	181	-1.76	2288	203	125.9	1950	194
McMinn County, Tennessee	-1.26	2129	207	-1.69	2134	208	-1.21	1950	174	-1.87	2192	200	-1.44	2196	202	-1.39	2088	181	134.4	2207	239
Meigs County, Tennessee	-2.31	2551	283	-3.03	2563	284	-2.10	2439	253	-3.33	2608	284	-2.60	2616	288	-2.40	2537	255	154.7	2646	308
Monroe County, Tennessee	-0.60	1773	145	-1.25	1938	171	-0.92	1796	156	-1.53	2068	174	-0.88	1964	154	-1.19	1975	161	145.3	2469	275
Morgan County, Tennessee	-3.51	2852	355	-4.53	2861	355	-3.52	2925	361	-4.91	2891	357	-3.90	2883	354	-3.90	2948	361	164.4	2765	325.5
Overton County, Tennessee	-1.89	2418	265	-2.85	2508	270	-2.06	2420	248	-3.56	2654	297	-2.60	2615	287	-2.77	2680	291	138.4	2318	250
Pickett County, Tennessee	-3.18	2784	337	-4.42	2849	351	-3.92	2997	378	-4.91	2894	360	-3.68	2856	348	-4.42	3023	383	175.5	2894	353
Polk County, Tennessee	-1.65	2306	242	-2.26	2341	248	-2.21	2496	260	-2.55	2410	250	-1.94	2421	251	-2.50	2579	266	127.4	2007	205
Putnam County, Tennessee	0.22	1329	89	-0.05	1434	98	0.99	881	57	-0.62	1701	121	-0.34	1672	111	0.43	1136	63	117.6	1674	138.5
Rhea County, Tennessee	-1.92	2430	266	-2.68	2463	262	-2.21	2499	262	-2.69	2457	259	-1.94	2418	250	-2.23	2467	238	132.2	2163	233

Roane County, Tennessee	-0.55	1737	141	-0.66	1689	129	-0.51	1526	113	-0.72	1742	124	-0.62	1827	135	-0.58	1624	112	115.8	1612	127
Scott County, Tennessee	-3.11	2769	331	-4.37	2844	349	-3.41	2899	355	-4.83	2880	353	-3.57	2833	344	-3.87	2947	360	187.3	2966	370
Sequatchie County, Tennessee	-0.32	1618	121	-0.83	1749	134	-0.24	1380	96	-1.16	1930	154	-0.65	1851	138	-0.57	1621	111	131.2	2134	228
Sevier County, Tennessee	2.26	569	38	2.48	651	36	2.09	600	38	2.44	672	32	2.23	597	33	2.06	618	34	104.7	1174	68
Smith County, Tennessee	0.01	1443	106	-0.17	1485	107	-0.43	1482	110	-0.60	1692	119	-0.42	1718	116	-0.86	1767	129	118.8	1708	144.5
Sullivan County, Tennessee	-0.43	1678	134	-0.30	1540	115	-0.32	1426	103	-0.42	1622	107	-0.54	1789	131	-0.43	1557	97	107.3	1276	78
Unicoi County, Tennessee	-1.68	2326	250	-2.26	2340	247	-2.07	2422	249	-2.38	2377	245	-1.80	2360	239	-2.19	2448	231	127.9	2023	206.5
Union County, Tennessee	-1.94	2436	267	-2.84	2503	268	-1.78	2273	219	-3.21	2582	281	-2.31	2534	273	-2.15	2440	229	147.6	2512	282
Van Buren County, Tennessee	-2.84	2695	318	-3.37	2647	304	-2.71	2684	308	-4.14	2771	327	-3.60	2839	345	-3.48	2862	339	137.2	2292	247
Warren County, Tennessee	-1.63	2298	241	-2.26	2343	249	-2.02	2397	242	-2.58	2417	251	-1.95	2422	252	-2.35	2520	251	128.8	2055	216
Washington County, Tennessee	1.10	927	53	1.13	977	55	1.49	752	49	0.89	1096	59	0.85	1087	56	1.24	843	50	112.2	1462	107
White County, Tennessee	-2.23	2530	278	-3.25	2620	297	-2.67	2675	301	-3.56	2656	298	-2.54	2598	284	-2.99	2734	305	142.3	2405	263
Virginia																					
Alleghany + Covington + Clifton Forge, Virginia	-3.01	2744	328	-3.49	2673	312	-3.89	2995	377	-3.43	2634	291	-2.95	2689	309	-3.83	2939	357	108	1297	80.5
Bath, Virginia	0.73	1069	64	1.19	958	54	0.13	1210	79	1.17	1018	50	0.71	1143	58	0.11	1289	79	84.1	380	9
Bland, Virginia	-1.52	2245	226	-2.21	2329	245	-2.47	2594	283	-2.07	2283	224	-1.39	2175	196	-2.33	2513	247	122.8	1833	167.5
Botetourt, Virginia	2.77	426	23	3.74	396	15	2.31	541	32	3.77	396	11	2.79	440	18	2.34	548	23	68.2	100	3
Buchanan, Virginia	-5.40	3041	399	-6.40	3038	397	-5.34	3088	412	-6.77	3038	396	-5.78	3045	398	-5.72	3087	410	166.6	2794	334.5
Carroll + Galax, Virginia	-2.37	2575	291	-3.10	2582	288	-3.15	2811	335	-3.28	2595	282	-2.55	2601	285	-3.32	2820	332	128.2	2037	211
Craig, Virginia	-0.14	1512	112	-0.23	1511	111	-1.01	1844	162	-0.45	1635	109	-0.36	1680	112	-1.22	1994	166	96.3	838	34.5
Dickenson, Virginia	-4.78	3003	391	-6.03	3014	392	-5.03	3079	406	-6.35	3014	388	-5.11	3007	388	-5.36	3075	401	191.6	2986	374

Floyd, Virginia	0.08	1399	101	-0.42	1594	119	-0.78	1704	137	-0.77	1766	129	-0.28	1639	109	-1.13	1945	158	107	1263	74.5
Giles, Virginia	-0.32	1617	120	-0.88	1774	142	-1.48	2115	199	-1.03	1864	143	-0.47	1745	118	-1.63	2211	195	110.7	1408	101
Grayson, Virginia	-3.18	2785	338	-4.10	2795	339	-3.70	2956	367	-4.37	2818	341	-3.46	2807	337	-3.98	2961	364	134.5	2209	240
Henry + Martinsville, Virginia	-3.27	2798	339	-3.81	2739	326	-3.51	2920	360	-3.82	2705	312	-3.28	2766	324	-3.52	2873	341			
Highland, Virginia	-1.43	2214	222	-1.56	2074	195	-1.93	2346	234	-1.62	2093	182	-1.49	2232	210	-1.99	2384	219	99.8	1004	51
Lee, Virginia	-3.79	2902	370	-4.79	2899	367	-3.54	2930	363	-5.06	2910	366	-4.06	2915	368	-3.81	2934	354	164.4	2767	325.5
Montgomery + Radford, Virginia	0.74	1067	63	0.42	1214	74	1.46	764	50	-0.32	1590	102	0.00	1504	92	0.72	1030	57	135.7	2247	242
Patrick, Virginia	-1.72	2340	254	-2.69	2468	263	-2.71	2682	306	-2.90	2506	266	-1.93	2413	249	-2.92	2718	301			
Pulaski, Virginia	-0.85	1910	164	-0.86	1764	140	-1.02	1852	163	-0.55	1671	115	-0.55	1796	133	-0.72	1692	118	115.3	1591	124
Rockbridge + Buenavista + Lexington, Virginia	-0.96	1973	175	-0.95	1801	146	-1.25	1975	178	-1.56	2080	177	-1.56	2258	216	-1.85	2320	209	99	972	45
Russell, Virginia	-3.27	2801	340	-4.30	2834	347	-3.77	2967	373	-4.48	2827	344	-3.45	2805	336	-3.96	2958	363	143.5	2435	266.5
Scott, Virginia	-3.02	2747	330	-3.87	2746	328	-3.39	2895	353	-4.16	2776	329	-3.30	2777	327	-3.68	2907	347	139	2332	254
Smyth, Virginia	-2.13	2501	275	-2.72	2479	264	-2.41	2567	274	-2.81	2490	261	-2.21	2499	265	-2.49	2576	264	131.6	2149	230.5
Tazewell, Virginia	-2.34	2561	286	-2.84	2505	269	-2.41	2571	276	-2.86	2497	262	-2.36	2550	275	-2.43	2549	259	128.9	2061	217
Washington + Bristol, Virginia	-1.57	2270	234	-1.65	2107	201	-1.56	2165	203	-1.68	2113	186	-1.60	2280	222	-1.59	2187	192	109.3	1332	88.5
Wise + Norton, Virginia	-3.15	2774	333	-3.88	2749	329	-2.85	2731	320	-4.02	2747	320	-3.28	2768	325	-2.99	2740	309	150.7	2580	294.5
Wythe, Virginia	0.27	1299	84	-0.18	1490	108	-0.65	1625	121	-0.10	1504	94	0.35	1318	76	-0.57	1620	110	115.2	1588	123
West Virginia																					
Barbour County, West Virginia	-3.36	2821	344	-4.29	2831	346	-3.01	2776	327	-4.89	2888	354	-3.96	2891	360	-3.61	2894	344	169.7	2828	341
Berkeley County, West Virginia	2.67	456	28	2.80	568	28	1.99	623	41	2.51	656	30	2.38	542	31	1.71	711	43	99.5	997	49.5

Boone County, West Virginia	-3.73	2890	364	-4.59	2871	358	-4.09	3016	383	-5.01	2904	361	-4.15	2920	369	-4.51	3032	386	162.6	2745	319
Braxton County, West Virginia	-3.48	2845	353	-4.63	2880	361	-3.48	2915	359	-5.17	2920	370	-4.02	2909	366	-4.02	2968	367	176.5	2906	357
Brooke County, West Virginia	-1.67	2320	248	-2.01	2264	232	-2.48	2598	284	-2.14	2305	228	-1.80	2359	238	-2.61	2613	273	117.9	1682	141.5
Cabell County, West Virginia	-1.06	2026	181	-1.15	1892	163	-0.48	1504	112	-1.40	2025	167	-1.31	2146	187	-0.73	1697	119	127.3	2001	203.5
Calhoun County, West Virginia	-4.46	2981	387	-5.82	2998	388	-4.70	3066	400	-6.58	3024	392	-5.22	3015	391	-5.45	3078	403	215.8	3056	394
Clay County, West Virginia	-4.91	3013	393	-6.35	3036	396	-4.96	3078	405	-7.13	3054	401	-5.68	3039	397	-5.73	3091	413	218.1	3062	397
Doddridge County, West Virginia	-2.85	2698	319	-3.65	2715	319	-3.22	2838	341	-4.11	2766	325	-3.31	2778	328	-3.68	2909	348	153.2	2629	304
Fayette County, West Virginia	-4.22	2950	381	-5.17	2943	376	-3.76	2963	371	-5.55	2954	376	-4.60	2965	381	-4.14	2990	374	169.1	2821	339
Gilmer County, West Virginia	-2.60	2639	304	-3.40	2650	306	-2.17	2475	257	-4.03	2752	321	-3.24	2756	323	-2.80	2689	293	171.2	2845	343
Grant County, West Virginia	-1.44	2216	223	-2.00	2253	230	-2.03	2406	246	-2.62	2428	253	-2.06	2459	260	-2.65	2632	279	135.9	2255	243
Greenbrier County, West Virginia	-2.02	2456	269	-2.41	2396	254	-1.97	2362	236	-2.86	2499	263	-2.47	2580	282	-2.42	2541	256	138.7	2322	251.5
Hampshire County, West Virginia	-0.74	1850	155	-1.47	2037	187	-1.28	1999	183	-2.06	2277	221	-1.33	2151	189	-1.87	2330	213	130.6	2117	224
Hancock County, West Virginia	-1.83	2394	260	-2.22	2333	246	-2.61	2648	294	-2.23	2325	233	-1.83	2370	241	-2.61	2618	275	116	1619	128
Hardy County, West Virginia	0.14	1365	95	-0.35	1560	117	-0.70	1658	130	-0.75	1759	128	-0.26	1631	108	-1.11	1931	155	112.8	1491	109
Harrison County, West Virginia	-1.74	2354	255	-1.57	2078	197	-0.98	1824	160	-1.88	2194	202	-2.05	2457	259	-1.29	2019	169	123.1	1846	174
Jackson County, West Virginia	-1.66	2312	243	-2.31	2360	251	-2.22	2500	263	-2.29	2343	238	-1.63	2291	225	-2.19	2451	233	140.3	2362	256
Jefferson County, West Virginia	3.21	344	14	4.12	338	10	3.03	398	17	3.72	406	12	2.81	435	17	2.62	491	17	84.3	387	10
Kanawha County, West Virginia	-0.39	1654	129	0.41	1218	75	0.23	1164	77	0.04	1449	86	-0.75	1896	145	-0.14	1412	88	104.3	1159	65
Lewis County, West Virginia	-2.56	2629	302	-3.08	2575	287	-2.51	2607	288	-3.56	2658	299	-3.04	2703	313	-2.99	2737	307	149.2	2555	289

Lincoln County, West Virginia	-4.90	3011	392	-6.00	3013	391	-4.38	3047	393	-6.45	3019	390	-5.34	3023	393	-4.83	3059	396	195.9	2997	380
Logan County, West Virginia	-4.96	3016	395	-5.69	2990	386	-4.55	3058	397	-5.91	2986	383	-5.18	3010	389	-4.78	3054	394	172.1	2858	347
Marion County, West Virginia	-1.25	2128	206	-1.38	1992	180	-1.24	1966	176	-1.54	2074	176	-1.42	2184	200	-1.40	2095	182	123.7	1875	180
Marshall County, West Virginia	-2.65	2650	308	-2.87	2511	272	-2.63	2656	296	-2.88	2501	264	-2.66	2629	292	-2.64	2628	278	133.8	2196	237
Mason County, West Virginia	-3.16	2777	334	-3.97	2769	334	-3.52	2926	362	-4.28	2801	335	-3.47	2808	338	-3.83	2938	356	170.4	2835	342
McDowell County, West Virginia	-8.82	3100	420	-10.45	3101	420	-7.30	3102	420	-11.17	3102	420	-9.55	3102	420	-8.03	3102	420	271.6	3100	410
Mercer County, West Virginia	-3.28	2802	341	-3.88	2750	330	-2.81	2721	317	-4.08	2759	323	-3.47	2810	339	-3.01	2744	312	142.7	2415	264
Mineral County, West Virginia	-1.24	2123	205	-1.76	2161	213	-1.70	2236	213	-1.92	2211	205	-1.40	2180	198	-1.86	2323	212	133.9	2198	238
Mingo County, West Virginia	-6.08	3065	409	-6.97	3054	404	-5.40	3090	413	-7.24	3058	405	-6.35	3064	407	-5.67	3086	409	202.5	3015	384
Monongalia County, West Virginia	2.27	565	36	2.75	581	31	2.96	412	18	1.81	835	45	1.32	896	45	2.01	635	37	123.4	1859	176
Monroe County, West Virginia	-2.35	2568	289	-3.27	2625	300	-3.32	2874	347	-3.65	2680	304	-2.74	2645	299	-3.70	2916	349	137.3	2295	248
Morgan County, West Virginia	-0.08	1482	110	0.34	1253	80	-0.34	1436	105	-0.08	1495	92	-0.51	1766	121	-0.76	1722	121	97.2	887	39
Nicholas County, West Virginia	-3.16	2778	335	-3.92	2759	333	-3.32	2873	346	-4.42	2822	343	-3.66	2847	347	-3.81	2935	355	153.9	2636	305
Ohio County, West Virginia	-0.88	1929	166	-0.35	1564	118	-0.07	1294	89	-0.75	1756	126	-1.27	2120	178	-0.47	1569	99	111.8	1447	105
Pendleton County, West Virginia	-1.39	2193	218	-1.80	2183	216	-2.01	2391	239	-2.25	2333	235	-1.85	2376	243	-2.46	2566	262	110	1371	95.5
Pleasants County, West Virginia	-2.07	2477	272	-2.43	2401	255	-2.71	2681	305	-2.64	2439	256	-2.28	2522	271	-2.92	2717	300	127.1	1991	201.5
Pocahontas County, West Virginia	-2.46	2599	297	-3.22	2610	294	-3.12	2806	334	-3.73	2694	308	-2.98	2695	310	-3.64	2900	345	144.3	2448	269
Preston County, West Virginia	-1.29	2144	210	-1.81	2186	217	-1.59	2182	206	-2.32	2358	240	-1.80	2358	237	-2.10	2417	226	141.9	2388	260
Putnam County, West Virginia	1.56	772	44	2.06	742	45	1.27	818	52	1.93	804	44	1.42	858	43	1.14	876	51	92.4	689	26

Raleigh County, West Virginia	-2.27	2539	281	-2.50	2417	259	-2.25	2510	264	-2.63	2434	255	-2.40	2562	278	-2.37	2531	253	136.4	2269	245
Randolph County, West Virginia	-2.08	2481	273	-2.48	2409	256	-1.84	2306	225	-3.00	2532	272	-2.61	2618	289	-2.36	2528	252	139.1	2333	255
Ritchie County, West Virginia	-2.46	2598	296	-3.03	2565	285	-2.71	2683	307	-3.02	2538	274	-2.45	2576	280	-2.71	2654	284	156.5	2669	312
Roane County, West Virginia	-4.23	2952	383	-5.34	2963	380	-4.11	3019	384	-5.81	2981	381	-4.69	2972	384	-4.58	3038	388	185.8	2958	367
Summers County, West Virginia	-4.68	2995	389	-6.09	3019	394	-4.55	3057	396	-6.66	3033	394	-5.25	3018	392	-5.12	3071	399	194.8	2991	376
Taylor County, West Virginia	-2.32	2559	284	-3.12	2586	291	-2.66	2671	300	-3.47	2640	294	-2.67	2632	293	-3.01	2743	311	151.9	2610	301.5
Tucker County, West Virginia	-3.01	2745	329	-3.68	2716	320	-3.47	2913	358	-4.15	2774	328	-3.48	2815	341	-3.95	2956	362	151	2587	297
Tyler County, West Virginia	-3.81	2907	371	-4.71	2893	365	-4.13	3023	386	-4.66	2857	349	-3.76	2868	351	-4.09	2983	371	148.8	2540	287
Upshur County, West Virginia	-2.07	2476	271	-2.80	2491	266	-1.97	2360	235	-3.44	2639	293	-2.71	2641	296	-2.61	2614	274	154	2638	306.5
Wayne County, West Virginia	-2.89	2709	322	-3.52	2682	313	-2.69	2678	303	-3.78	2703	311	-3.15	2732	319	-2.95	2724	303	146.7	2496	280
Webster County, West Virginia	-5.19	3031	398	-6.47	3040	398	-4.85	3074	403	-7.16	3056	403	-5.88	3053	402	-5.54	3081	405	214.4	3055	393
Wetzel County, West Virginia	-3.44	2836	350	-4.04	2779	335	-3.83	2983	375	-4.29	2804	337	-3.69	2858	349	-4.08	2981	370	156.9	2676	313
Wirt County, West Virginia	-2.53	2616	300	-3.77	2731	322	-3.20	2829	340	-4.17	2783	331	-2.93	2681	308	-3.60	2891	343	172.4	2863	348
Wood County, West Virginia	-1.22	2108	201	-1.35	1982	177	-1.14	1914	171	-1.19	1944	157	-1.07	2045	169	-0.99	1854	146	116.4	1637	130.5
Wyoming County, West Virginia	-5.63	3049	402	-6.58	3046	401	-5.24	3084	410	-7.08	3050	399	-6.12	3060	404	-5.73	3089	412	184	2948	364

Notes: For each of the six Candidate Indexes, the table shows the Z-score for each ARC region county and the county's relative ranking among the 420 ARC counties and the relative ranking among the 3,102 U.S. counties. The final three columns provide the underlying data and rankings for the FY2007 ARC Distress Index. See Sections 3 and 4 for more details of the construction of the Candidate Index. Details of the ARC Distress Indicator can be found at www.arc.gov.

Table A.7: Distressed Counties in the ARC States, by Index

			Index 4.1	Index 4.2	Index 4.3	Index 4.4	Index 4.5	Index 4.6
	ARC '10	ARC '07	Population change 96-06, Employment/population ratio 07, Percent of adults with a four-year college degree 00, Poverty Rate 07	Population change 96-06, Employment/population ratio 07, Percent of adults with a four-year college degree 00, Poverty Rate 07, Per- capita market income 06	Population change 96-06, Employment/population ratio 07, Percent of adults with a four-year college degree 00, Per- capita market income 06	Population change 96-06, Employment/population ratio 07, Percent of adults with at least one year of college education 00, Poverty Rate 07, Per- capita market income 06	Population change 96-06, Employment/population ratio 07, Percent of adults with at least one year of college education 00, Poverty Rate 07, Per- capita market income 06	Population change 96-06, Employment/population ratio 07, Percent of adults with at least one year of college education 00, Per-capita market income 06
Alabama	2	3	5	4	4	4	3	3
Georgia	0	0	0	0	1	0	0	1
Kentucky	40	34	32	33	31	36	34	33
Maryland	0	0	0	0	0	0	0	0
Mississippi	12	9	11	11	9	9	9	9
New York	0	0	0	0	0	0	0	0
North Carolina	0	0	0	0	0	0	0	0
Ohio	6	3	5	5	6	4	4	6
Pennsylvania	1	1	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0
Tennessee	9	7	7	9	8	11	13	11
Virginia	1	1	5	5	9	5	5	9
West Virginia	11	16	17	15	22	18	20	23
Total	82	74	82	82	90	87	88	95

NOTE: The table shows number of counties for each ARC state that is categorized as distressed using the ARC Distress Index for FY2007 and FY2010, as well as the number resulting from each of the six Candidate Indexes.