



# **Economic Impacts of Medicaid Expansion in Georgia**

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Commissioned by:  
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# Executive Summary

Georgia Health Initiative commissioned Regional Economic Models, Inc. (REMI) to analyze and issue a report on the state- and county-level economic impacts of expanding Medicaid in Georgia. REMI based its main analysis on a legislative fiscal note issued by the Georgia Department of Audits and Accounts (DOAA) in late February 2024, which included estimates of both the associated increase in Medicaid capitated payments made by the state to contracted Care Management Organizations and the change in net cost to the state government budget over the first three years of an expansion. REMI used the model's detailed baseline forecast to distribute the capitated payments into new health care spending by geography, year, and category, and included changes in state government spending that mirrored changes in the net state cost. REMI used a regional PI+ model of Georgia, and found the following key results that are summarized in the table that follows:

- On average during its first three years, Medicaid expansion in Georgia would spur the creation of an additional 51,264 jobs statewide
- Approximately 43 percent of the new jobs would be health care related, including 12,637 focused on outpatient care, 8,004 focused on inpatient care in hospitals, nursing homes, and residential care facilities, and more than 1,000 focused on the production, distribution, and purchase of prescription drugs and other medical products
- The majority of the new jobs created (57 percent) would not be health care related, but would be spread widely across the state economy, including 5,186 new jobs in construction, 2,919 new jobs in administrative and support services, and 2,101 new jobs in restaurants and similar establishments
- The expansion would stimulate significant consumer spending (non health care related), increased supply chain demand, and growth in investment activity, among other effects
- The size of the state economy is forecasted to increase by \$9.4 billion in economic output and \$5.5 billion in Gross Domestic Product (GDP) on average each year during the first three years of the expansion
- Georgians would see an aggregate increase of \$3.6 billion in personal income in an average year, representing almost \$900 per household
- Rural Georgians are expected to experience annual average increases of 5,611 jobs, \$862.4 million and \$502.5 million in economic output and GDP respectively, \$477.3 million in personal income, and 4,208 in population

**Executive Summary Table**

Category	Year 1	Year 2	Year 3	Average
Total Employment	38,932	63,525	51,333	51,264
<i>Selected Key Health Care Industries</i>				
Ambulatory health care services	8,063	15,321	14,528	12,637
Hospitals	4,097	8,009	7,831	6,646
Nursing and residential care facilities	842	1,640	1,592	1,358
Chemical manufacturing	87	159	145	131
<i>Selected Key Non Health Care Industries</i>				
Retail trade	4,289	7,555	6,730	6,192
Construction	3,626	6,316	5,615	5,186
Administrative and support services	2,119	3,597	3,043	2,919
Food services and drinking places	1,445	2,534	2,324	2,101
State and local government	4,769	2,746	-3,132	1,461
Wholesale trade	798	1,351	1,146	1,098
Economic Output	7,008.2	11,504.2	9,604.1	9,372.1
Gross Domestic Product (GDP)	4,103.9	6,775.7	5,664.7	5,514.7
Personal Income	2,719.2	4,418.2	3,748.1	3,628.5
Population	12,206	28,753	37,377	26,112
<p><i>*Units: Total Employment - Jobs; Economic Output, GDP, Personal Income - Millions of 2024 Dollars; Population - Individuals. Averages may not correspond to impacts due to rounding. State and local government impacts exclude public hospitals, which are included in the Hospitals impacts. The chemical manufacturing industry includes the production of prescription drugs. A portion of the retail trade and wholesale trade impacts are health care related, as they pertain to the distribution and purchase of prescription drugs and other medical products.</i></p>				

## Regional Economic Models, Inc. (REMI)

Regional Economic Models, Inc. (REMI) is an independent company with offices in Amherst, MA and Washington, D.C. that provides non-partisan economic analysis and modeling software to its clients, who include federal, state, and local government agencies, non-profit organizations, universities, and private companies. With over 40 years of experience, REMI is a worldwide leader in providing dynamic regional U.S. macroeconomic and demographic models used to evaluate health care as well as many other policy issues such as taxes, economic development, transportation, energy and the environment, and trade. REMI modeling software and consultative services have been utilized extensively in Georgia, including by the Georgia Department of Transportation, the Atlanta Regional Commission, Southern Company, Georgia State University, and Georgia Southern University, as well as to study Medicaid expansion in a series of studies including at least fifteen states throughout the previous decade.

# Report Glossary

**Total Employment:** The number of jobs, full-time plus part-time, by place of work for all industries.

**Economic Output:** The amount of economic production including all intermediate goods and services purchased. This can also be thought of as revenue, sales, or supply.

**Gross Domestic Product (GDP):** The amount of economic production excluding all intermediate goods and services purchased. This can also be thought of as the market value of final goods and services produced by labor and property, or as the sum of value-added across all industries.

**Personal Income:** Income received by persons from all sources. It is the sum of wages and salaries, supplements to wages and salaries, proprietors' income, rental income, asset income, and personal current transfer receipts, net of contributions for government social insurance.

**Population:** Mid-year estimates of people, including survivors from the previous year, births, special populations, and three types of persons entering or exiting the state (economically motivated domestic, international, and retired). Only the first type impacts this report's estimates.

# Introduction

The Patient Protection and Affordable Care Act (ACA) allowed states to expand their Medicaid programs to serve adults earning up to 138 percent of the federal poverty level. Starting in 2020, the federal government pays 90 percent of the costs for the expansion population, with the state covering the remaining 10 percent. Also, the American Rescue Plan Act of 2021 stipulated that states receive an additional 5 percentage point federal match towards the costs of their existing enrollees during the first two years of a new expansion.

On behalf of Georgia Health Initiative, Regional Economic Models, Inc. (REMI) performed a state- and county-level economic impact analysis of expanding Medicaid in Georgia, which is one of ten remaining states that has not chosen to do so as of March 2024.

Specifically, REMI leveraged a recent legislative fiscal note issued by the Georgia Department of Audits and Accounts (DOAA) that projected the resulting growth in Medicaid capitated payments and net costs to the state government over the first three years of an expansion. The former was distributed throughout the state and across several health care spending categories including outpatient care, inpatient care of various types, and prescription drugs and other medical products.

REMI entered these forecasts into a regional PI+ model of Georgia and found robust and widespread positive economic impacts. These include average annual increases relative to a no-expansion scenario of more than 51,000 jobs, more than \$9 billion and \$5 billion in economic output and Gross Domestic Product (GDP) respectively, almost \$4 billion in personal income, and more than 26,000 in population. Rural Georgia counties gain more than 5,600 new jobs, more than \$800 million and \$500 million in economic output and GDP respectively, almost \$500 million in personal income, and about 4,200 in population.

While health care accounts for about 22,000 new jobs, more than half come from outside that sector of the economy, including more than 5,000 new construction jobs, almost 3,000 new administrative and support services jobs, and more than 2,000 new jobs in restaurants and similar establishments. This is because expansion is a significant economic stimulus, with increased income driving consumer spending, and more business activity placing greater demands on supply chains and necessitating a ramp-up in investment activity.

# Methodology

To assess the economic impacts of expanding Medicaid in Georgia, REMI used an 18-region, 70-industry PI+ v3.1 model of Georgia that was divided into Public Health Districts as defined by the Georgia Department of Public Health.<sup>1</sup> PI+ is a sophisticated dynamic regional macroeconomic and demographic policy model that simulates the year-by-year effects of public policy initiatives, and is widely used by state and local agencies, legislatures, universities, and other organizations and experts, both in Georgia and across the U.S. More detailed information is available about the model in Appendix IV.

REMI estimated the state- and county-level economic impacts over the first three years of an expansion based on forecasts of two metrics from a legislative fiscal note issued by the DOAA on February 22, 2024.<sup>2</sup> The first metric is the increase in Medicaid capitated payments made by the state to contracted Care Management Organizations (described as “premiums” in the fiscal note) and supported by federal funding, which REMI used the model’s detailed baseline forecast to translate into new health care spending distributed by district, year, and each of the following five categories: pharmaceutical and other medical products, physician services, dental services, hospitals, and nursing homes. The second metric is the net cost to the state government budget, which REMI translated into compensating shifts in state government spending. Table 1 summarizes these forecasts, which were compiled from a pair of tables in the fiscal note. The main results in this report are based on the averages of the Method 1 and Method 2 forecasts, and Appendix II includes results using each of the methods individually.<sup>3</sup>

**Table 1: Medicaid Capitated Payments (Premiums) and Net State Cost**

Category	Year 1		Year 2		Year 3	
	Method 1	Method 2	Method 1	Method 2	Method 1	Method 2
Medicaid - Premiums (Total)	2,543.4	3,567.4	5,251.7	7,370.4	5,433.5	7,625.4
Net State Cost	-469.8	-458.8	-194.3	-157.6	512.7	556.9
Medicaid - Premiums/Admin (State)	260.1	364.4	534.1	759.6	552.2	775.1
Georgia Access/Reinsurance	0.0	0.0	22.1	26.4	22.1	26.4
Reduced State Expenditures	-721.6	-751.4	-735.6	-791.7	-48.6	-104.7
Department of Community Health (DCH)	-687.0	-687.0	-687.0	-687.0	0.0	0.0
Other Departments	-34.6	-64.4	-48.6	-104.7	-48.6	-104.7
Additional State Revenue	-8.3	-71.8	-14.9	-141.9	-13.0	-139.9

*\*Units: Millions of Nominal Dollars. Totals may not correspond to components due to rounding. Estimates from Tables 1 and 3 of the DOAA fiscal note. To maximize the generality of the economic impact analysis, the Workforce Development Program studied in the fiscal note was omitted. Additional table notes and information regarding the estimates are available in the fiscal note.*

REMI produced results for total employment, economic output, GDP, personal income, and population. District-level results were distributed by county based on forecasts relying on Bureau of Economic Analysis and Census Bureau data. For total employment, economic output, and GDP, the conversion was done at the industry level and then summed up to attain each county’s total, accounting for the fact that industries may differ in their size and labor force characteristics across counties within a given district.

<sup>1</sup> Information about the Public Health Districts is available at: <https://dph.georgia.gov/public-health-districts>.  
<sup>2</sup> A downloadable version is available at: <https://opb.georgia.gov/document/fiscal-notes-2024/lc-33-9274/download>.  
<sup>3</sup> REMI also performed the analysis using estimates from the Urban Institute, and the corresponding methodology and results are included in Appendix III.



# Results

Table 2 displays the state-level economic impacts. During its first three years, Medicaid expansion in Georgia is forecasted to create an annual average increase of 51,264 jobs statewide, though this varies over time due to the assumed ramp-up period between the first and second years and the presence of the additional federal match for existing enrollees that only lasts for the first two years. The expansion also creates a larger economy, as measured by the average annual impacts of \$9.4 billion and \$5.5 billion on economic output and GDP respectively, higher levels of personal income in the amount of \$3.6 billion per year, and higher population levels that average 26,112 individuals in a given year.

**Table 2: State-Level Economic Impacts**

Category	Year 1	Year 2	Year 3	Average
Total Employment	38,932	63,525	51,333	51,264
<i>Selected Key Industries</i>				
Ambulatory health care services	8,063	15,321	14,528	12,637
Hospitals	4,097	8,009	7,831	6,646
Retail trade	4,289	7,555	6,730	6,192
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Nursing and residential care facilities	842	1,640	1,592	1,358
Wholesale trade	798	1,351	1,146	1,098
Chemical manufacturing	87	159	145	131
Economic Output	7,008.2	11,504.2	9,604.1	9,372.1
Gross Domestic Product (GDP)	4,103.9	6,775.7	5,664.7	5,514.7
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*Units: Total Employment - Jobs; Economic Output, GDP, Personal Income - Millions of 2024 Dollars; Population - Individuals. Averages may not correspond to impacts due to rounding. State and local government impacts exclude public hospitals, which are included in the Hospitals impacts.				

The health care service industries, which include ambulatory health care services (i.e., doctors, dentists, and other outpatient services), hospitals, and nursing homes and residential care facilities, combine with pharmaceutical manufacturers, pharmaceutical wholesalers, and pharmacies (which are subsets of the chemical manufacturing, wholesale trade, and retail trade industries respectively totaling over 1,000 new jobs) to make up about 43 percent of the total employment increase.

This means that a clear majority of the economic growth is spread throughout the rest of the economy due to a variety of important secondary effects. First, the retail trade (outside of pharmacies) and restaurant<sup>4</sup> industries exemplify the effects of increased consumer spending, which is driven by the personal income growth and population attraction to Georgia associated with new job creation. Second, the administrative and support services and wholesale trade (outside of pharmaceutical wholesalers)

<sup>4</sup> This industry also includes similar establishments.

industries are well-represented in many industries' supply chains, and consequently serve as two key examples of increased supply chain demands contributing to total employment. Third, this kind of generalized economic and demographic stimulus necessitates additional residential and nonresidential investment, much of which goes towards supporting construction jobs. Finally, the state and local government industry is not only directly affected by the state government having to spend more or less on Medicaid (depending on the year) but also responds to the size of the economy and population because of the associated higher levels of revenue and greater need for public services.

Table 3 displays the average annual county-level impacts for each of the five results metrics (total employment, economic output, GDP, personal income, and population), and Tables A1.2-6 respectively in Appendix I display the corresponding annual results.<sup>5</sup> For instance, in Appling County, Medicaid expansion results in average annual increases of 42 jobs, \$10.2 million and \$6.4 million in economic output and GDP respectively, \$2.6 million in personal income, and 23 in population.<sup>6</sup> Furthermore, there are 44 new jobs in Year 1, 55 new jobs in Year 2, and 28 new jobs in Year 3.

Medicaid expansion is forecasted to create an annual average increase of 5,611 jobs across all rural Georgia counties.<sup>7</sup> The expansion also creates a larger rural economy, as measured by average annual increases of \$862.4 million and \$502.5 million in economic output and GDP respectively, higher levels of rural personal income in the amount of \$477.3 million per year, and higher rural population levels that average 4,208 individuals in a given year.

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<sup>5</sup> Table A1.1 provides the average annual impacts for each of the metrics at the Public Health District level.

<sup>6</sup> At the district level for instance, in the Clayton District, Medicaid expansion results in average annual increases of 1,332 jobs, \$209.4 million and \$115.8 million in economic output and GDP respectively, \$57.7 million in personal income, and 480 in population.

<sup>7</sup> A downloadable version of the official map of the 120 rural Georgia counties according to DCH is available at: <https://dch.georgia.gov/document/document/georgia-rural-counties-map/download>.

**Table 3: County-Level Economic Impacts (Three-Year Averages)**

County	Emp	Output	GDP	PI	Pop	County	Emp	Output	GDP	PI	Pop	County	Emp	Output	GDP	PI	Pop
Appling	42	10.2	6.4	2.6	23	Evans	24	3.0	1.6	1.4	13	Newton	415	55.3	31.4	35.4	371
Atkinson	9	1.2	0.7	1.0	11	Fannin	103	13.8	8.2	7.9	60	Oconee	197	30.5	18.5	22.5	113
Bacon	16	4.6	2.6	1.5	14	Fayette	661	98.8	59.4	61.8	317	Oglethorpe	22	3.2	2.0	4.2	38
Baker	3	0.5	0.3	0.5	4	Floyd	443	77.8	45.4	23.6	189	Paulding	457	58.5	34.6	48.9	372
Baldwin	187	24.0	14.6	8.5	82	Forsyth	1,227	206.2	121.2	145.2	725	Peach	71	11.0	5.9	6.0	55
Banks	49	6.2	3.6	5.6	47	Franklin	75	13.0	7.1	6.2	60	Pickens	118	22.1	13.0	12.9	81
Barrow	263	42.7	24.6	25.5	235	Fulton	9,772	2,533.8	1,485.9	696.4	3,232	Pierce	24	3.7	2.2	2.8	27
Bartow	380	63.5	35.6	29.3	225	Gilmer	87	11.9	6.8	8.8	74	Pike	41	6.0	3.3	6.3	51
Ben Hill	26	4.5	2.5	1.8	21	Glascocok	2	0.3	0.2	0.5	5	Polk	100	14.9	8.1	9.4	88
Berrien	16	2.2	1.3	2.0	22	Glynn	276	47.2	28.8	16.6	123	Pulaski	36	4.4	2.7	1.5	13
Bibb	964	157.9	94.6	34.8	292	Gordon	162	26.7	15.2	12.7	112	Putnam	58	8.0	4.5	6.2	46
Bleckley	24	2.5	1.5	1.9	16	Grady	36	6.2	3.6	3.6	35	Quitman	2	0.2	0.1	0.2	3
Brantley	15	1.9	1.1	2.1	25	Greene	72	13.2	7.6	8.6	50	Rabun	76	10.5	6.3	5.8	44
Brooks	23	3.9	2.4	1.9	20	Gwinnett	5,494	860.4	510.8	360.4	3,075	Randolph	7	1.2	0.6	0.6	7
Bryan	91	15.2	8.9	9.8	76	Habersham	126	19.8	11.5	12.2	119	Richmond	857	141.7	84.2	31.0	311
Bulloch	215	32.5	19.6	11.2	120	Hall	1,206	233.8	132.7	77.2	538	Rockdale	489	75.1	43.7	29.0	289
Burke	88	27.2	15.1	3.4	36	Hancock	11	1.5	0.9	1.4	16	Schley	4	0.9	0.5	0.5	5
Butts	81	12.6	7.1	7.1	67	Haralson	61	10.6	5.5	7.4	63	Screven	17	2.8	1.6	2.0	23
Calhoun	8	0.8	0.5	0.6	7	Harris	35	4.7	2.6	5.2	45	Seminole	19	2.9	1.7	1.6	12
Camden	97	14.4	8.7	8.4	83	Hart	71	10.5	5.7	7.7	67	Spalding	308	41.2	25.2	18.6	173
Candler	22	2.9	1.7	1.6	15	Heard	24	11.6	7.3	3.0	30	Stephens	77	12.8	7.5	7.2	66
Carroll	554	103.6	57.4	38.5	329	Henry	1,065	154.7	92.1	77.5	647	Stewart	24	3.3	2.2	0.5	9
Catoosa	172	24.1	14.7	15.8	132	Houston	495	75.3	45.5	39.8	329	Sumter	72	12.0	6.9	2.9	32
Charlton	10	1.2	0.7	1.4	18	Irwin	17	2.1	1.2	1.1	11	Talbot	4	0.9	0.5	0.6	6
Chatham	1,185	226.5	134.2	56.9	426	Jackson	333	58.8	32.2	27.0	219	Taliaferro	1	0.2	0.1	0.2	3
Chattahoochee	9	1.2	0.7	0.8	10	Jasper	37	4.8	2.6	3.5	32	Tattnall	59	7.3	4.3	2.7	30
Chattooga	37	5.5	3.0	4.7	48	Jeff Davis	17	2.5	1.5	1.9	20	Taylor	10	1.8	1.1	0.7	9
Cherokee	1,004	155.3	91.1	117.3	660	Jefferson	27	4.3	2.5	2.4	24	Telfair	14	2.0	1.2	1.3	16
Clarke	843	151.5	90.2	32.3	312	Jenkins	12	1.6	1.0	1.1	14	Terrell	11	1.4	0.9	1.5	12
Clay	7	0.7	0.4	0.3	3	Johnson	13	1.4	0.8	1.1	12	Thomas	178	31.0	18.3	8.9	64
Clayton	1,332	209.4	115.8	57.7	480	Jones	55	6.9	4.2	6.2	53	Tift	124	18.3	11.2	5.2	49
Clinch	8	1.1	0.6	1.0	9	Lamar	36	5.4	2.9	5.1	50	Toombs	94	12.8	7.5	3.8	36
Cobb	5,651	1,071.2	643.1	392.4	2,574	Lanier	9	0.9	0.5	1.0	13	Towns	44	7.1	4.2	4.1	33
Coffee	123	18.7	10.9	5.9	60	Laurens	186	22.3	13.2	7.9	63	Treutlen	7	1.0	0.5	0.9	8
Colquitt	76	12.0	7.0	6.5	62	Lee	83	9.0	5.4	6.2	47	Troup	376	57.4	32.8	20.1	175
Columbia	390	59.0	36.0	36.1	275	Liberty	108	17.9	10.7	9.0	92	Turner	10	1.2	0.7	0.9	11
Cook	21	3.0	1.7	1.9	20	Lincoln	12	1.4	0.8	1.3	13	Twiggs	14	2.2	1.2	1.6	14
Coweta	670	111.2	65.7	60.8	411	Long	11	1.4	0.8	2.4	27	Union	89	13.6	8.3	7.6	62
Crawford	15	1.2	0.7	2.3	21	Lowndes	309	49.0	29.8	14.7	146	Upson	94	13.6	7.9	7.3	69
Crisp	63	10.3	6.0	2.1	22	Lumpkin	104	14.6	8.5	11.0	94	Walker	103	14.2	7.5	15.1	134
Dade	29	4.4	2.5	3.6	31	McDuffie	46	6.1	3.5	3.3	34	Walton	329	50.8	28.6	32.1	264
Dawson	117	18.5	10.7	11.4	80	McIntosh	12	2.0	1.2	1.8	17	Ware	122	18.2	11.1	4.7	48
Decatur	54	8.0	4.7	4.3	40	Macon	21	2.9	1.6	1.1	13	Warren	8	1.1	0.6	0.8	8
DeKalb	4,978	819.0	484.9	332.9	2,527	Madison	51	6.8	4.1	8.5	79	Washington	41	6.3	3.6	3.9	35
Dodge	60	4.5	2.8	2.6	24	Marion	4	0.6	0.4	0.7	9	Wayne	71	8.8	5.2	3.9	42
Dooly	10	1.9	1.0	1.1	12	Meriwether	61	10.7	5.9	5.9	54	Webster	2	0.5	0.3	0.3	3
Dougherty	364	61.7	37.2	13.0	111	Miller	10	1.6	1.0	1.0	8	Wheeler	5	0.6	0.4	0.7	9
Douglas	704	108.9	64.1	47.4	491	Mitchell	29	4.9	2.7	3.2	29	White	94	13.1	7.6	9.3	76
Early	35	6.1	3.5	1.6	14	Monroe	78	15.9	9.7	7.7	57	Whitfield	424	72.8	43.4	29.2	214
Echols	3	0.3	0.2	0.4	4	Montgomery	8	1.0	0.6	1.2	11	Wilcox	8	0.8	0.5	1.0	12
Effingham	102	17.8	10.5	12.1	104	Morgan	75	12.1	6.6	7.7	52	Wilkes	18	2.5	1.5	1.6	15
Elbert	47	6.8	3.8	4.8	47	Murray	51	8.1	4.8	8.7	84	Wilkinson	27	6.5	3.7	1.8	16
Emanuel	44	6.7	3.9	3.2	36	Muscogee	683	104.5	62.4	24.7	243	Worth	26	3.1	1.8	3.0	26

\*Legend: Emp - Total Employment; Output - Economic Output; GDP - Gross Domestic Product; PI - Personal Income; Pop - Population. Units: Total Employment - Jobs; Economic Output, GDP, Personal Income - Millions of 2024 Dollars; Population - Individuals. Totals and averages may not correspond to impacts due to rounding.

## Conclusion

REMI analyzed the state- and county-level economic impacts of expanding Medicaid in Georgia on behalf of Georgia Health Initiative using DOAA fiscal note forecasts. The state-level findings show average increases over the first three years of an expansion of 51,264 jobs, \$9.4 billion and \$5.5 billion in economic output and GDP respectively, \$3.6 billion in personal income, and 26,112 in population relative to a no-expansion scenario. Rural Georgians experience between one-twelfth and one-sixth of this economic growth, with somewhat larger shares of the statewide personal income and population increases relative to total employment, economic output, and GDP. Ultimately, these results point to substantial growth all across Georgia's diverse economy, including doctors and nurses, pharmacists, office workers, waiters, construction workers, and many other business sectors.

# Appendix I: District-Level & Detailed County-Level Results

**Table A1.1: District-Level Economic Impacts (Three-Year Averages)**

District	Total Employment	Economic Output	GDP	Personal Income	Population
Clayton	1,332	209.4	115.8	57.7	480
Coastal	1,883	342.4	203.9	116.9	949
Cobb Douglas	6,355	1,180.1	707.1	439.9	3,065
DeKalb	4,978	819.0	484.9	332.9	2,527
District 4	3,970	626.7	367.1	311.8	2,374
East Central	1,522	254.8	150.9	87.0	797
Fulton	9,772	2,533.8	1,485.9	696.4	3,232
GNR	6,398	990.8	585.8	424.8	3,735
North	3,355	579.8	335.0	310.5	2,012
North Central	2,053	321.4	191.7	123.7	1,049
North Georgia	1,787	283.9	167.3	184.7	1,174
Northeast	2,231	376.3	218.1	173.2	1,408
Northwest	1,944	300.3	172.1	170.5	1,395
South Central	361	40.5	24.1	20.1	185
South	559	85.5	51.5	30.9	318
Southeast	872	130.7	77.7	49.5	510
Southwest	934	149.3	88.6	55.5	471
West Central	958	147.5	87.1	42.3	431

*\*Units: Total Employment - Jobs; Economic Output, GDP, Personal Income - Millions of 2024 Dollars; Population - Individuals. Totals may not correspond to impacts due to rounding.*

**Table A1.2: County-Level Total Employment Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	44	55	28	42	Evans	23	32	18	24	Newton	282	505	456	415
Atkinson	10	12	4	9	Fannin	67	125	117	103	Oconee	170	249	171	197
Bacon	17	22	11	16	Fayette	463	808	712	661	Oglethorpe	25	29	12	22
Baker	3	4	3	3	Floyd	304	541	485	443	Paulding	312	557	502	457
Baldwin	166	238	157	187	Forsyth	838	1,495	1,346	1,227	Peach	67	91	55	71
Banks	36	60	50	49	Franklin	55	92	79	75	Pickens	77	142	133	118
Barrow	242	338	209	263	Fulton	7,619	12,155	9,542	9,772	Pierce	26	31	13	24
Bartow	267	465	409	380	Gilmer	58	105	98	87	Pike	31	50	41	41
Ben Hill	26	34	17	26	Glascocock	3	3	-1	2	Polk	71	122	106	100
Berrien	19	22	8	16	Glynn	218	344	266	276	Pulaski	29	45	35	36
Bibb	729	1,195	969	964	Gordon	116	199	171	162	Putnam	54	75	46	58
Bleckley	26	32	15	24	Grady	31	46	32	36	Quitman	2	3	1	2
Brantley	19	21	5	15	Greene	68	92	55	72	Rabun	54	93	81	76
Brooks	22	30	18	23	Gwinnett	3,722	6,694	6,066	5,494	Randolph	7	9	4	7
Bryan	73	114	86	91	Habersham	96	156	127	126	Richmond	910	1,130	531	857
Bulloch	227	285	133	215	Hall	837	1,474	1,307	1,206	Rockdale	333	596	538	489
Burke	100	118	45	88	Hancock	12	14	6	11	Schley	5	6	2	4
Butts	61	100	82	81	Haralson	45	75	63	61	Screven	24	24	1	17
Calhoun	8	11	6	8	Harris	33	45	27	35	Seminole	15	24	18	19
Camden	79	122	91	97	Hart	53	88	73	71	Spalding	228	379	315	308
Candler	25	29	11	22	Heard	20	30	23	24	Stephens	58	95	78	77
Carroll	397	680	585	554	Henry	748	1,304	1,143	1,065	Stewart	17	29	25	24
Catoosa	121	210	184	172	Houston	434	629	423	495	Sumter	61	91	64	72
Charlton	11	13	4	10	Irwin	18	23	10	17	Talbot	5	6	3	4
Chatham	897	1,470	1,190	1,185	Jackson	308	428	263	333	Taliaferro	3	2	-1	1
Chattahoochee	8	12	8	9	Jasper	31	46	33	37	Tattnall	54	76	48	59
Chattooga	29	46	37	37	Jeff Davis	21	23	6	17	Taylor	10	13	7	10
Cherokee	658	1,215	1,138	1,004	Jefferson	34	37	10	27	Telfair	16	19	8	14
Clarke	891	1,112	524	843	Jenkins	14	17	6	12	Terrell	11	15	9	11
Clay	6	9	6	7	Johnson	13	16	8	13	Thomas	136	221	177	178
Clayton	966	1,644	1,385	1,332	Jones	48	70	48	55	Tift	128	163	82	124
Clinch	11	11	3	8	Lamar	29	44	34	36	Toombs	83	120	80	94
Cobb	3,950	6,908	6,094	5,651	Lanier	11	12	4	9	Towns	31	54	47	44
Coffee	116	159	95	123	Laurens	154	234	168	186	Treutlen	8	10	3	7
Colquitt	72	98	59	76	Lee	65	103	81	83	Troup	271	462	394	376
Columbia	384	509	278	390	Liberty	92	136	95	108	Turner	11	14	6	10
Cook	24	28	10	21	Lincoln	15	17	5	12	Twiggs	12	18	12	14
Coweta	467	819	723	670	Long	12	15	7	11	Union	67	109	90	89
Crawford	14	20	12	15	Lowndes	297	400	230	309	Upson	69	116	98	94
Crisp	50	79	61	63	Lumpkin	81	129	101	104	Walker	78	127	103	103
Dade	21	35	30	29	McDuffie	52	61	24	46	Walton	301	422	264	329
Dawson	83	143	125	117	McIntosh	12	16	9	12	Ware	114	157	94	122
Decatur	48	69	46	54	Macon	18	27	18	21	Warren	10	11	4	8
DeKalb	3,545	6,104	5,287	4,978	Madison	55	68	32	51	Washington	43	53	26	41
Dodge	53	77	51	60	Marion	5	5	1	4	Wayne	70	92	51	71
Dooly	11	13	6	10	Meriwether	46	75	62	61	Webster	2	3	2	2
Dougherty	277	451	363	364	Miller	11	13	6	10	Wheeler	6	7	3	5
Douglas	499	863	751	704	Mitchell	27	38	24	29	White	67	115	99	94
Early	29	43	32	35	Monroe	76	100	56	78	Whitfield	288	517	467	424
Echols	4	4	1	3	Montgomery	9	10	4	8	Wilcox	9	10	4	8
Effingham	86	129	90	102	Morgan	75	98	52	75	Wilkes	23	25	7	18
Elbert	51	62	28	47	Murray	36	63	55	51	Wilkinson	24	35	24	27
Emanuel	57	61	14	44	Muscogee	535	849	663	683	Worth	23	33	23	26

\*Units: Jobs. Totals and averages may not correspond to impacts due to rounding.

**Table A1.3: County-Level Economic Output Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	9.6	13.0	7.9	10.2	Evans	3.0	3.9	2.1	3.0	Newton	37.7	66.9	61.4	55.3
Atkinson	1.5	1.6	0.6	1.2	Fannin	8.9	16.6	15.9	13.8	Oconee	25.9	38.4	27.2	30.5
Bacon	3.8	5.8	4.2	4.6	Fayette	68.6	119.9	107.9	98.8	Oglethorpe	3.4	4.2	2.0	3.2
Baker	0.4	0.6	0.4	0.5	Floyd	52.2	94.2	87.1	77.8	Paulding	39.9	70.9	64.6	58.5
Baldwin	21.3	30.4	20.3	24.0	Forsyth	139.8	249.6	229.3	206.2	Peach	10.1	14.1	8.9	11.0
Banks	4.6	7.6	6.4	6.2	Franklin	9.3	15.8	13.9	13.0	Pickens	14.1	26.5	25.6	22.1
Barrow	38.8	54.5	34.8	42.7	Fulton	1,931.8	3,111.7	2,557.9	2,533.8	Pierce	3.9	4.8	2.2	3.7
Bartow	44.6	77.2	68.7	63.5	Gilmer	7.9	14.3	13.5	11.9	Pike	4.4	7.3	6.2	6.0
Ben Hill	4.3	5.8	3.4	4.5	Glascocock	0.5	0.5	0.0	0.3	Polk	10.8	18.2	15.8	14.9
Berrien	2.5	3.0	1.2	2.2	Glynn	36.3	58.3	47.1	47.2	Pulaski	3.5	5.5	4.3	4.4
Bibb	115.3	193.6	164.6	157.9	Gordon	19.3	32.6	28.3	26.7	Putnam	7.3	10.2	6.4	8.0
Bleckley	2.9	3.3	1.2	2.5	Grady	5.1	7.7	5.7	6.2	Quitman	0.2	0.2	0.1	0.2
Brantley	2.4	2.6	0.7	1.9	Greene	12.2	16.8	10.6	13.2	Rabun	7.5	12.8	11.3	10.5
Brooks	3.5	5.0	3.3	3.9	Gwinnett	581.5	1,039.8	960.0	860.4	Randolph	1.2	1.6	0.9	1.2
Bryan	12.2	18.9	14.4	15.2	Habersham	15.0	24.3	20.1	19.8	Richmond	140.9	183.9	100.2	141.7
Bulloch	33.5	42.8	21.3	32.5	Hall	159.6	283.4	258.4	233.8	Rockdale	50.9	90.8	83.6	75.1
Burke	29.8	36.0	15.8	27.2	Hancock	1.6	1.9	0.8	1.5	Schley	1.0	1.2	0.6	0.9
Butts	9.3	15.4	13.1	12.6	Haralson	7.7	13.0	11.1	10.6	Screven	3.7	3.8	0.7	2.8
Calhoun	0.8	1.0	0.5	0.8	Harris	4.5	6.0	3.6	4.7	Seminole	2.2	3.6	2.9	2.9
Camden	11.2	17.8	14.2	14.4	Hart	7.8	12.8	10.8	10.5	Spalding	30.3	50.5	42.7	41.2
Candler	3.3	3.9	1.5	2.9	Heard	8.8	14.1	11.8	11.6	Stephens	9.6	15.7	13.2	12.8
Carroll	71.8	125.9	113.1	103.6	Henry	107.3	187.9	169.0	154.7	Stewart	2.4	4.1	3.6	3.3
Catoosa	17.0	29.3	26.1	24.1	Houston	65.4	95.0	65.5	75.3	Sumter	9.6	14.9	11.4	12.0
Charlton	1.5	1.6	0.5	1.2	Irwin	2.2	2.7	1.3	2.1	Talbot	0.8	1.1	0.7	0.9
Chatham	165.2	277.7	236.7	226.5	Jackson	53.3	74.8	48.2	58.8	Taliaferro	0.3	0.3	-0.1	0.2
Chattahoochee	1.0	1.5	1.1	1.2	Jasper	4.0	6.0	4.4	4.8	Tattnall	6.8	9.4	5.8	7.3
Chattooga	4.2	6.7	5.5	5.5	Jeff Davis	3.0	3.4	1.1	2.5	Taylor	1.6	2.3	1.5	1.8
Cherokee	99.0	186.2	180.7	155.3	Jefferson	5.2	5.8	2.0	4.3	Telfair	2.2	2.7	1.2	2.0
Clarke	152.1	197.2	105.2	151.5	Jenkins	1.8	2.2	0.9	1.6	Terrell	1.3	1.8	1.1	1.4
Clay	0.6	0.9	0.6	0.7	Johnson	1.4	1.8	0.9	1.4	Thomas	23.0	38.2	31.9	31.0
Clayton	152.7	256.9	218.6	209.4	Jones	6.1	8.7	5.9	6.9	Tift	19.8	24.2	10.9	18.3
Clinch	1.4	1.6	0.5	1.1	Lamar	4.3	6.7	5.3	5.4	Toombs	10.9	16.1	11.4	12.8
Cobb	738.8	1,297.9	1,176.9	1,071.2	Lanier	1.3	1.3	0.2	0.9	Towns	4.9	8.6	7.7	7.1
Coffee	16.7	23.8	15.6	18.7	Laurens	19.7	28.3	18.9	22.3	Treutlen	1.1	1.3	0.5	1.0
Colquitt	11.3	15.4	9.4	12.0	Lee	7.2	11.2	8.5	9.0	Troup	41.2	70.1	60.8	57.4
Columbia	58.9	76.9	41.1	59.0	Liberty	14.0	22.2	17.6	17.9	Turner	1.4	1.6	0.7	1.2
Cook	3.4	4.0	1.5	3.0	Lincoln	1.8	1.9	0.5	1.4	Twiggs	1.9	2.8	2.0	2.2
Coweta	76.0	134.8	122.7	111.2	Long	1.5	1.8	0.9	1.4	Union	10.1	16.6	14.0	13.6
Crawford	1.2	1.5	0.9	1.2	Lowndes	45.1	62.7	39.2	49.0	Upson	9.6	16.6	14.5	13.6
Crisp	8.0	12.7	10.1	10.3	Lumpkin	11.2	18.1	14.6	14.6	Walker	10.9	17.5	14.2	14.2
Dade	3.2	5.4	4.6	4.4	McDuffie	6.9	8.1	3.4	6.1	Walton	46.7	64.8	40.7	50.8
Dawson	12.9	22.4	20.1	18.5	McIntosh	1.8	2.5	1.6	2.0	Ware	16.6	23.2	14.7	18.2
Decatur	7.0	10.1	6.9	8.0	Macon	2.6	3.6	2.4	2.9	Warren	1.4	1.5	0.5	1.1
DeKalb	580.4	996.1	880.6	819.0	Madison	7.2	8.9	4.3	6.8	Washington	6.2	8.0	4.5	6.3
Dodge	4.7	5.9	2.9	4.5	Marion	0.7	0.8	0.4	0.6	Wayne	9.5	11.6	5.3	8.8
Dooly	1.9	2.4	1.3	1.9	Meriwether	7.8	13.1	11.3	10.7	Webster	0.4	0.6	0.4	0.5
Dougherty	45.7	75.9	63.5	61.7	Miller	1.8	2.1	1.0	1.6	Wheeler	0.7	0.8	0.3	0.6
Douglas	76.6	132.4	117.6	108.9	Mitchell	4.4	6.2	4.1	4.9	White	9.4	16.0	14.0	13.1
Early	4.9	7.6	5.9	6.1	Monroe	14.7	20.2	12.7	15.9	Whitfield	49.2	88.2	80.8	72.8
Echols	0.4	0.4	0.1	0.3	Montgomery	1.1	1.3	0.6	1.0	Wilcox	1.1	1.1	0.3	0.8
Effingham	15.3	22.4	15.7	17.8	Morgan	11.8	15.6	9.0	12.1	Wilkes	3.2	3.4	0.9	2.5
Elbert	7.3	8.9	4.1	6.8	Murray	5.7	9.8	8.7	8.1	Wilkinson	5.3	8.1	6.1	6.5
Emanuel	8.4	9.1	2.6	6.7	Muscogee	78.2	128.3	106.9	104.5	Worth	2.7	3.9	2.7	3.1

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A1.4: County-Level GDP Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	6.0	8.2	5.1	6.4	Evans	1.6	2.1	1.1	1.6	Newton	21.2	37.9	35.0	31.4
Atkinson	0.8	0.9	0.3	0.7	Fannin	5.3	9.9	9.5	8.2	Oconee	15.6	23.3	16.7	18.5
Bacon	2.2	3.2	2.4	2.6	Fayette	40.9	72.2	65.2	59.4	Oglethorpe	2.0	2.6	1.2	2.0
Baker	0.3	0.4	0.3	0.3	Floyd	30.2	55.0	51.1	45.4	Paulding	23.6	42.0	38.2	34.6
Baldwin	12.9	18.5	12.4	14.6	Forsyth	81.8	146.8	135.1	121.2	Peach	5.5	7.5	4.6	5.9
Banks	2.7	4.4	3.7	3.6	Franklin	5.1	8.7	7.6	7.1	Pickens	8.3	15.6	15.1	13.0
Barrow	22.4	31.5	20.0	24.6	Fulton	1,130.5	1,827.3	1,500.0	1,485.9	Pierce	2.3	2.8	1.3	2.2
Bartow	24.8	43.3	38.7	35.6	Gilmer	4.5	8.1	7.7	6.8	Pike	2.5	4.0	3.4	3.3
Ben Hill	2.4	3.2	1.9	2.5	Glascok	0.3	0.3	0.0	0.2	Polk	5.9	9.9	8.6	8.1
Berrien	1.4	1.7	0.6	1.3	Glynn	21.9	35.5	28.9	28.8	Pulaski	2.1	3.3	2.6	2.7
Bibb	68.6	116.0	99.1	94.6	Gordon	10.8	18.6	16.4	15.2	Putnam	4.2	5.8	3.5	4.5
Bleckley	1.7	2.0	0.7	1.5	Grady	2.9	4.5	3.3	3.6	Quitman	0.1	0.1	0.0	0.1
Brantley	1.4	1.5	0.4	1.1	Greene	7.0	9.7	6.1	7.6	Rabun	4.4	7.7	6.7	6.3
Brooks	2.2	3.0	1.9	2.4	Gwinnett	342.5	617.4	572.4	510.8	Randolph	0.6	0.8	0.5	0.6
Bryan	7.1	11.1	8.5	8.9	Habersham	8.7	14.1	11.7	11.5	Richmond	83.7	109.5	59.3	84.2
Bulloch	20.1	25.9	12.9	19.6	Hall	89.7	160.9	147.4	132.7	Rockdale	29.3	52.8	48.9	43.7
Burke	16.5	20.0	8.8	15.1	Hancock	1.0	1.2	0.5	0.9	Schley	0.5	0.6	0.3	0.5
Butts	5.3	8.8	7.4	7.1	Haralson	4.0	6.8	5.7	5.5	Screven	2.2	2.3	0.4	1.6
Calhoun	0.5	0.6	0.3	0.5	Harris	2.5	3.4	2.0	2.6	Seminole	1.3	2.1	1.7	1.7
Camden	6.8	10.8	8.6	8.7	Hart	4.2	7.0	5.9	5.7	Spalding	18.3	30.9	26.3	25.2
Candler	1.9	2.3	0.9	1.7	Heard	5.5	8.9	7.4	7.3	Stephens	5.5	9.1	7.7	7.5
Carroll	39.6	69.8	62.8	57.4	Henry	63.4	112.0	101.1	92.1	Stewart	1.5	2.7	2.4	2.2
Catoosa	10.2	17.8	16.0	14.7	Houston	39.1	57.5	40.1	45.5	Sumter	5.6	8.5	6.5	6.9
Charlton	0.9	1.0	0.3	0.7	Irwin	1.3	1.6	0.8	1.2	Talbot	0.5	0.6	0.4	0.5
Chatham	97.2	164.7	140.8	134.2	Jackson	29.2	41.1	26.4	32.2	Taliaferro	0.2	0.2	-0.1	0.1
Chattahoochee	0.6	0.9	0.6	0.7	Jasper	2.2	3.4	2.3	2.6	Tattnall	4.0	5.5	3.3	4.3
Chattooga	2.3	3.7	3.0	3.0	Jeff Davis	1.8	2.0	0.6	1.5	Taylor	1.0	1.3	0.9	1.1
Cherokee	57.8	109.3	106.2	91.1	Jefferson	3.0	3.3	1.1	2.5	Telfair	1.3	1.6	0.7	1.2
Clarke	91.0	117.9	61.6	90.2	Jenkins	1.1	1.3	0.5	1.0	Terrell	0.8	1.1	0.7	0.9
Clay	0.4	0.6	0.4	0.4	Johnson	0.9	1.1	0.6	0.8	Thomas	13.4	22.5	18.9	18.3
Clayton	83.7	142.1	121.7	115.8	Jones	3.7	5.2	3.6	4.2	Tift	12.0	14.9	6.8	11.2
Clinch	0.8	0.9	0.2	0.6	Lamar	2.3	3.5	2.8	2.9	Toombs	6.4	9.5	6.7	7.5
Cobb	440.9	779.5	708.8	643.1	Lanier	0.7	0.8	0.1	0.5	Towns	3.0	5.1	4.6	4.2
Coffee	9.6	13.9	9.1	10.9	Laurens	11.6	16.7	11.3	13.2	Treutlen	0.6	0.7	0.3	0.5
Colquitt	6.6	9.0	5.5	7.0	Lee	4.3	6.7	5.1	5.4	Troup	23.1	40.0	35.1	32.8
Columbia	35.4	47.0	25.7	36.0	Liberty	8.3	13.3	10.6	10.7	Turner	0.8	0.9	0.3	0.7
Cook	2.0	2.3	0.9	1.7	Lincoln	1.1	1.1	0.3	0.8	Twiggs	1.0	1.5	1.1	1.2
Coweta	44.6	79.7	72.7	65.7	Long	0.8	1.1	0.5	0.8	Union	6.1	10.1	8.6	8.3
Crawford	0.7	0.9	0.5	0.7	Lowndes	26.9	38.1	24.4	29.8	Upson	5.6	9.6	8.5	7.9
Crisp	4.6	7.4	5.9	6.0	Lumpkin	6.6	10.5	8.5	8.5	Walker	5.8	9.3	7.5	7.5
Dade	1.8	3.0	2.6	2.5	McDuffie	3.9	4.7	1.9	3.5	Walton	26.4	36.6	22.7	28.6
Dawson	7.4	13.0	11.7	10.7	McIntosh	1.1	1.6	1.0	1.2	Ware	10.0	14.2	9.1	11.1
Decatur	4.1	6.0	4.1	4.7	Macon	1.4	2.0	1.3	1.6	Warren	0.7	0.8	0.2	0.6
DeKalb	342.6	590.3	522.0	484.9	Madison	4.3	5.4	2.5	4.1	Washington	3.6	4.7	2.6	3.6
Dodge	2.9	3.6	1.8	2.8	Marion	0.4	0.5	0.2	0.4	Wayne	5.5	6.9	3.3	5.2
Dooly	1.0	1.3	0.6	1.0	Meriwether	4.3	7.2	6.2	5.9	Webster	0.3	0.4	0.2	0.3
Dougherty	27.3	45.8	38.7	37.2	Miller	1.1	1.3	0.6	1.0	Wheeler	0.4	0.5	0.2	0.4
Douglas	44.8	78.0	69.4	64.1	Mitchell	2.4	3.5	2.3	2.7	White	5.5	9.2	8.1	7.6
Early	2.8	4.3	3.3	3.5	Monroe	9.0	12.4	7.8	9.7	Whitfield	28.7	52.5	48.9	43.4
Echols	0.2	0.2	0.1	0.2	Montgomery	0.7	0.8	0.3	0.6	Wilcox	0.6	0.7	0.1	0.5
Effingham	9.0	13.3	9.3	10.5	Morgan	6.5	8.5	4.8	6.6	Wilkes	1.9	2.0	0.5	1.5
Elbert	4.1	5.0	2.2	3.8	Murray	3.3	5.8	5.2	4.8	Wilkinson	2.9	4.6	3.4	3.7
Emanuel	4.8	5.3	1.4	3.9	Muscogee	46.5	76.7	63.9	62.4	Worth	1.5	2.2	1.5	1.8

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.



**Table A1.5: County-Level Personal Income Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	2.5	3.3	2.0	2.6	Evans	1.3	1.8	1.1	1.4	Newton	25.0	42.9	38.3	35.4
Atkinson	1.0	1.3	0.8	1.0	Fannin	5.3	9.5	8.9	7.9	Oconee	19.5	28.1	20.0	22.5
Bacon	1.4	1.9	1.1	1.5	Fayette	43.8	74.6	66.9	61.8	Oglethorpe	3.7	5.2	3.7	4.2
Baker	0.4	0.6	0.5	0.5	Floyd	16.5	28.5	25.8	23.6	Paulding	33.3	59.0	54.6	48.9
Baldwin	6.9	10.5	8.2	8.5	Forsyth	101.0	175.3	159.4	145.2	Peach	4.9	7.5	5.8	6.0
Banks	3.9	6.7	6.0	5.6	Franklin	4.4	7.4	6.7	6.2	Pickens	8.7	15.5	14.5	12.9
Barrow	22.0	31.8	22.7	25.5	Fulton	518.3	843.0	728.0	696.4	Pierce	2.7	3.6	2.2	2.8
Bartow	20.2	35.3	32.2	29.3	Gilmer	6.0	10.6	9.9	8.8	Pike	4.5	7.6	6.8	6.3
Ben Hill	1.8	2.4	1.3	1.8	Glascok	0.5	0.6	0.3	0.5	Polk	6.5	11.3	10.3	9.4
Berrien	2.0	2.6	1.4	2.0	Glynn	12.8	20.3	16.6	16.6	Pulaski	1.3	1.8	1.2	1.5
Bibb	28.3	43.0	33.3	34.8	Gordon	8.9	15.4	13.8	12.7	Putnam	4.9	7.6	6.0	6.2
Bleckley	1.7	2.4	1.6	1.9	Grady	2.9	4.5	3.6	3.6	Quitman	0.2	0.3	0.2	0.2
Brantley	2.0	2.7	1.6	2.1	Greene	7.6	10.7	7.6	8.6	Rabun	4.1	7.0	6.3	5.8
Brooks	1.9	2.4	1.3	1.9	Gwinnett	255.7	436.7	388.9	360.4	Randolph	0.5	0.8	0.6	0.6
Bryan	7.4	12.0	10.0	9.8	Habersham	8.7	14.7	13.2	12.2	Richmond	32.8	40.0	20.1	31.0
Bulloch	10.6	14.4	8.7	11.2	Hall	54.7	93.4	83.5	77.2	Rockdale	20.7	35.1	31.2	29.0
Burke	3.6	4.4	2.2	3.4	Hancock	1.2	1.8	1.4	1.4	Schley	0.4	0.6	0.4	0.5
Butts	5.0	8.5	7.6	7.1	Haralson	5.1	9.0	8.2	7.4	Screven	2.1	2.6	1.3	2.0
Calhoun	0.5	0.8	0.6	0.6	Harris	4.2	6.4	5.1	5.2	Seminole	1.2	1.9	1.5	1.6
Camden	6.4	10.2	8.4	8.4	Hart	5.5	9.3	8.3	7.7	Spalding	13.3	22.5	19.9	18.6
Candler	1.5	2.1	1.3	1.6	Heard	2.1	3.6	3.2	3.0	Stephens	5.2	8.8	7.8	7.2
Carroll	27.3	46.5	41.7	38.5	Henry	54.8	93.7	84.1	77.5	Stewart	0.4	0.7	0.6	0.5
Catoosa	11.0	19.1	17.4	15.8	Houston	32.2	49.2	38.2	39.8	Sumter	2.4	3.6	2.8	2.9
Charlton	1.3	1.8	1.1	1.4	Irwin	1.1	1.4	0.8	1.1	Talbot	0.5	0.7	0.6	0.6
Chatham	44.0	69.6	57.0	56.9	Jackson	23.2	33.7	24.1	27.0	Taliaferro	0.2	0.3	0.2	0.2
Chattahoochee	0.7	1.0	0.8	0.8	Jasper	2.8	4.3	3.4	3.5	Tattnall	2.6	3.5	2.1	2.7
Chattooga	3.3	5.7	5.2	4.7	Jeff Davis	1.8	2.4	1.5	1.9	Taylor	0.6	0.8	0.7	0.7
Cherokee	78.5	140.9	132.4	117.3	Jefferson	2.5	3.1	1.6	2.4	Telfair	1.2	1.7	1.1	1.3
Clarke	28.5	40.2	28.2	32.3	Jenkins	1.2	1.4	0.7	1.1	Terrell	1.2	1.8	1.4	1.5
Clay	0.2	0.3	0.2	0.3	Johnson	1.0	1.4	0.9	1.1	Thomas	6.9	10.9	8.8	8.9
Clayton	43.4	70.9	58.8	57.7	Jones	5.0	7.6	5.9	6.2	Tift	5.2	6.7	3.7	5.2
Clinch	0.9	1.2	0.7	1.0	Lamar	3.7	6.2	5.5	5.1	Toombs	3.6	4.8	2.9	3.8
Cobb	286.8	476.0	414.4	392.4	Lanier	1.0	1.3	0.7	1.0	Towns	2.9	4.9	4.4	4.1
Coffee	5.6	7.5	4.5	5.9	Laurens	7.1	10.0	6.6	7.9	Treutlen	0.8	1.1	0.7	0.9
Colquitt	5.1	8.0	6.3	6.5	Lee	4.9	7.7	6.2	6.2	Troup	14.4	24.3	21.4	20.1
Columbia	37.5	46.9	24.0	36.1	Liberty	7.1	11.1	9.0	9.0	Turner	0.9	1.2	0.7	0.9
Cook	1.9	2.4	1.3	1.9	Lincoln	1.4	1.7	0.9	1.3	Twiggs	1.3	2.0	1.5	1.6
Coweta	42.9	73.4	66.0	60.8	Long	1.8	2.9	2.4	2.4	Union	5.4	9.2	8.2	7.6
Crawford	1.9	2.8	2.2	2.3	Lowndes	14.8	18.9	10.5	14.7	Upson	5.3	8.8	7.8	7.3
Crisp	1.7	2.5	2.0	2.1	Lumpkin	7.7	13.3	12.1	11.0	Walker	10.5	18.2	16.5	15.1
Dade	2.5	4.4	4.0	3.6	McDuffie	3.5	4.3	2.2	3.3	Walton	27.8	40.0	28.4	32.1
Dawson	7.9	13.8	12.5	11.4	McIntosh	1.4	2.2	1.8	1.8	Ware	4.5	6.0	3.7	4.7
Decatur	3.4	5.2	4.2	4.3	Macon	0.9	1.3	1.0	1.1	Warren	0.8	1.0	0.5	0.8
DeKalb	246.6	403.8	348.4	332.9	Madison	7.4	10.6	7.5	8.5	Washington	3.1	4.8	3.7	3.9
Dodge	2.4	3.3	2.2	2.6	Marion	0.6	0.8	0.7	0.7	Wayne	3.7	4.9	3.0	3.9
Dooly	0.9	1.3	1.0	1.1	Meriwether	4.2	7.1	6.3	5.9	Webster	0.2	0.3	0.2	0.3
Dougherty	10.3	16.0	12.8	13.0	Miller	0.8	1.3	1.0	1.0	Wheeler	0.6	0.8	0.5	0.7
Douglas	34.6	57.6	50.2	47.4	Mitchell	2.5	3.9	3.1	3.2	White	6.5	11.2	10.2	9.3
Early	1.3	2.0	1.5	1.6	Monroe	6.2	9.5	7.4	7.7	Whitfield	20.3	35.3	32.1	29.2
Echols	0.4	0.5	0.3	0.4	Montgomery	1.1	1.5	1.0	1.2	Wilcox	0.9	1.3	0.9	1.0
Effingham	9.1	14.8	12.3	12.1	Morgan	6.7	9.6	6.8	7.7	Wilkes	1.7	2.1	1.1	1.6
Elbert	4.2	5.9	4.1	4.8	Murray	6.0	10.5	9.5	8.7	Wilkinson	1.4	2.2	1.7	1.8
Emanuel	3.4	4.2	2.1	3.2	Muscogee	20.2	30.1	23.8	24.7	Worth	2.3	3.6	2.9	3.0

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A1.6: County-Level Population Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	14	27	28	23	Evans	8	16	17	13	Newton	162	403	549	371
Atkinson	6	13	14	11	Fannin	25	64	90	60	Oconee	59	128	152	113
Bacon	8	16	17	14	Fayette	141	345	465	317	Oglethorpe	20	43	51	38
Baker	2	4	5	4	Floyd	84	206	277	189	Paulding	160	402	554	372
Baldwin	41	92	114	82	Forsyth	314	784	1,078	725	Peach	28	62	77	55
Banks	21	51	69	47	Franklin	27	65	88	60	Pickens	34	87	122	81
Barrow	121	265	319	235	Fulton	1,514	3,564	4,618	3,232	Pierce	16	31	34	27
Bartow	99	244	333	225	Gilmer	32	80	111	74	Pike	23	55	75	51
Ben Hill	12	24	26	21	Glascocock	3	6	6	5	Polk	39	96	130	88
Berrien	13	26	28	22	Glynn	60	137	174	123	Pulaski	7	15	17	13
Bibb	147	327	402	292	Gordon	50	122	164	112	Putnam	23	52	65	46
Bleckley	9	19	21	16	Grady	17	39	49	35	Quitman	1	3	4	3
Brantley	14	29	31	25	Greene	26	57	68	50	Rabun	19	48	64	44
Brooks	11	23	25	20	Gwinnett	1,350	3,340	4,534	3,075	Randolph	4	8	10	7
Bryan	36	84	109	76	Habersham	53	130	175	119	Richmond	193	368	373	311
Bulloch	68	139	152	120	Hall	238	585	792	538	Rockdale	128	314	425	289
Burke	23	43	43	36	Hancock	8	18	23	16	Schley	3	6	7	5
Butts	30	73	98	67	Haralson	27	68	93	63	Screven	14	27	27	23
Calhoun	4	8	10	7	Harris	22	50	63	45	Seminole	6	14	17	12
Camden	40	92	118	83	Hart	30	73	99	67	Spalding	78	189	254	173
Candler	9	18	19	15	Heard	13	32	43	30	Stephens	29	72	96	66
Carroll	145	357	485	329	Henry	287	703	951	647	Stewart	4	10	14	9
Catoosa	59	144	194	132	Houston	163	367	457	329	Sumter	16	36	44	32
Charlton	10	21	23	18	Irwin	7	13	14	11	Talbot	3	7	8	6
Chatham	207	472	598	426	Jackson	113	247	298	219	Taliaferro	2	3	3	3
Chattahoochee	5	12	14	10	Jasper	16	35	45	32	Tattnall	17	35	38	30
Chattooga	21	52	70	48	Jeff Davis	12	24	25	20	Taylor	4	10	12	9
Cherokee	279	709	992	660	Jefferson	15	29	29	24	Telfair	9	18	21	16
Clarke	165	354	416	312	Jenkins	9	17	17	14	Terrell	6	13	16	12
Clay	2	4	4	3	Johnson	6	14	16	12	Thomas	32	71	89	64
Clayton	223	530	686	480	Jones	26	59	72	53	Tift	29	57	61	49
Clinch	5	10	11	9	Lamar	22	54	73	50	Toombs	21	42	45	36
Cobb	1,163	2,815	3,746	2,574	Lanier	8	15	17	13	Towns	15	36	49	33
Coffee	35	70	76	60	Laurens	35	73	83	63	Treutlen	4	9	10	8
Colquitt	31	70	86	62	Lee	23	53	66	47	Troup	79	191	256	175
Columbia	165	323	335	275	Liberty	45	102	130	92	Turner	6	13	14	11
Cook	12	24	25	20	Lincoln	8	15	15	13	Twiggs	7	16	20	14
Coweta	181	446	607	411	Long	13	30	39	27	Union	28	67	90	62
Crawford	11	24	29	21	Lowndes	85	170	183	146	Upson	31	75	101	69
Crisp	11	24	30	22	Lumpkin	41	102	140	94	Walker	59	146	197	134
Dade	14	34	46	31	McDuffie	21	40	41	34	Walton	136	298	357	264
Dawson	35	87	119	80	McIntosh	8	18	23	17	Ware	28	56	60	48
Decatur	20	44	55	40	Macon	7	15	18	13	Warren	5	10	10	8
DeKalb	1,160	2,772	3,648	2,527	Madison	41	89	106	79	Washington	18	39	48	35
Dodge	13	28	31	24	Marion	4	10	12	9	Wayne	24	49	52	42
Dooly	6	13	16	12	Meriwether	24	59	79	54	Webster	1	3	4	3
Dougherty	55	124	154	111	Miller	4	8	10	8	Wheeler	5	11	12	9
Douglas	221	536	715	491	Mitchell	14	32	40	29	White	33	82	112	76
Early	7	15	19	14	Monroe	28	64	79	57	Whitfield	95	233	316	214
Echols	3	5	6	4	Montgomery	6	13	14	11	Wilcox	6	14	16	12
Effingham	50	115	149	104	Morgan	27	59	70	52	Wilkes	9	18	18	15
Elbert	25	53	62	47	Murray	37	91	124	84	Wilkinson	8	18	23	16
Emanuel	22	43	44	36	Muscogee	122	271	337	243	Worth	13	29	36	26

\*Units: Individuals. Totals and averages may not correspond to impacts due to rounding.

# Appendix II: Alternative Results (Methods 1 & 2)

## Methodology

REMI estimated the economic impacts over the first three years of an expansion based on forecasts of two metrics from the DOAA fiscal note. The first metric is the increase in Medicaid capitated payments, which REMI used the model’s detailed baseline forecast to translate into new health care spending distributed by district, year, and category. The second metric is the net cost to the state government budget, which REMI translated into compensating shifts in state government spending. Table 1 summarized these forecasts. The main results in this report were based on the averages of the Method 1 and Method 2 forecasts, and this appendix displays results using each of the methods individually.<sup>8</sup>

## Method 1 Results

**Table A2.1.1: Method 1 State-Level Economic Impacts**

Category	Year 1	Year 2	Year 3	Average
Total Employment	34,160	53,918	41,468	43,182
<i>Selected Key Industries</i>				
Ambulatory health care services	6,777	12,784	12,032	10,531
Hospitals	3,424	6,675	6,509	5,536
Retail trade	3,692	6,361	5,521	5,191
Construction	3,226	5,409	4,557	4,397
Administrative and support services	1,833	3,032	2,480	2,448
Food services and drinking places	1,260	2,147	1,900	1,769
State and local government	4,791	2,769	-3,212	1,449
Nursing and residential care facilities	705	1,367	1,322	1,131
Wholesale trade	692	1,140	934	922
Chemical manufacturing	74	133	120	109
Economic Output	6,147.9	9,769.1	7,782.8	7,899.9
Gross Domestic Product (GDP)	3,600.4	5,753.6	4,588.8	4,647.6
Personal Income	2,380.6	3,746.6	3,043.5	3,056.9
Population	10,696	24,634	31,247	22,192
<i>*Units: Total Employment - Jobs; Economic Output, GDP, Personal Income - Millions of 2024 Dollars; Population - Individuals. Averages may not correspond to impacts due to rounding. State and local government impacts exclude public hospitals, which are included in the Hospitals impacts.</i>				

<sup>8</sup> For instance under Method 1, in Appling County, Medicaid expansion results in 40 new jobs in Year 1, 48 new jobs in Year 2, and 20 new jobs in Year 3, yielding an average annual increase of 36 jobs. Alternatively under Method 2, in Appling County, Medicaid expansion results in 47 new jobs in Year 1, 62 new jobs in Year 2, and 35 new jobs in Year 3, yielding an average annual increase of 48 jobs.

**Table A2.1.2: Method 1 County-Level Total Employment Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	40	48	20	36	Evans	21	27	14	21	Newton	243	426	374	348
Atkinson	10	11	3	8	Fannin	58	105	96	86	Oconee	153	214	134	167
Bacon	15	19	8	14	Fayette	401	682	581	555	Oglethorpe	23	26	8	19
Baker	3	4	2	3	Floyd	262	455	398	371	Paulding	270	471	410	384
Baldwin	150	205	123	159	Forsyth	726	1,262	1,101	1,030	Peach	61	79	42	61
Banks	32	51	41	41	Franklin	48	78	64	63	Pickens	66	120	110	99
Barrow	220	292	161	224	Fulton	6,692	10,315	7,679	8,229	Pierce	24	28	9	20
Bartow	232	394	333	320	Gilmer	50	89	80	73	Pike	27	43	33	35
Ben Hill	24	29	12	22	Glascocock	3	3	-1	2	Polk	62	104	86	84
Berrien	17	19	5	14	Glynn	192	293	214	233	Pulaski	25	39	28	31
Bibb	637	1,012	784	811	Gordon	101	168	140	136	Putnam	49	65	35	50
Bleckley	24	28	11	21	Grady	28	39	25	31	Quitman	2	2	1	2
Brantley	18	19	3	13	Greene	62	80	42	61	Rabun	47	79	66	64
Brooks	20	26	14	20	Gwinnett	3,201	5,637	4,979	4,606	Randolph	7	8	3	6
Bryan	65	98	69	77	Habersham	85	133	103	107	Richmond	837	987	386	736
Bulloch	209	249	96	185	Hall	723	1,244	1,069	1,012	Rockdale	287	502	441	410
Burke	94	105	31	77	Hancock	11	12	4	9	Schley	5	5	1	4
Butts	54	85	66	68	Haralson	39	63	51	51	Screven	23	21	-1	15
Calhoun	8	10	5	7	Harris	30	39	20	30	Seminole	13	20	15	16
Camden	70	104	72	82	Hart	46	75	59	60	Spalding	200	321	255	259
Candler	23	26	8	19	Heard	18	26	18	21	Stephens	51	81	63	65
Carroll	346	576	476	466	Henry	649	1,101	933	894	Stewart	15	25	20	20
Catoosa	105	178	150	144	Houston	389	540	332	420	Sumter	55	78	51	61
Charlton	11	11	3	8	Irwin	17	20	8	15	Talbot	4	5	2	4
Chatham	785	1,246	962	998	Jackson	280	371	202	284	Taliaferro	3	2	-1	1
Chattahoochee	7	10	6	8	Jasper	28	40	26	31	Tattnell	49	65	37	50
Chattooga	25	39	30	31	Jeff Davis	20	21	4	15	Taylor	9	11	5	8
Cherokee	565	1,023	935	841	Jefferson	32	33	5	24	Telfair	15	17	6	12
Clarke	821	973	378	724	Jenkins	13	15	4	11	Terrell	10	13	7	10
Clay	5	8	5	6	Johnson	12	14	6	11	Thomas	119	187	143	150
Clayton	839	1,388	1,127	1,118	Jones	43	60	38	47	Tift	118	142	60	107
Clinch	10	10	1	7	Lamar	26	38	27	30	Toombs	74	103	63	80
Cobb	3,411	5,824	4,986	4,740	Lanier	11	11	2	8	Towns	28	46	38	37
Coffee	105	137	73	105	Laurens	137	200	134	157	Treutlen	8	8	2	6
Colquitt	65	84	45	65	Lee	57	88	65	70	Troup	235	390	321	316
Columbia	350	442	210	334	Liberty	82	116	75	91	Turner	10	12	4	9
Cook	23	25	7	18	Lincoln	14	15	3	11	Twiggs	11	15	9	12
Coweta	404	692	590	562	Long	11	13	5	10	Union	59	93	73	75
Crawford	13	17	10	13	Lowndes	271	347	175	264	Upson	60	98	80	79
Crisp	44	67	49	53	Lumpkin	72	110	81	88	Walker	69	108	83	87
Dade	18	30	24	24	McDuffie	48	54	16	40	Walton	274	366	204	281
Dawson	73	122	101	99	McIntosh	11	14	7	10	Ware	104	136	72	104
Decatur	43	60	36	46	Macon	16	23	14	18	Warren	9	10	2	7
DeKalb	3,067	5,149	4,317	4,177	Madison	51	59	23	44	Washington	40	47	18	35
Dodge	48	66	40	51	Marion	5	5	1	3	Wayne	64	80	38	61
Dooly	10	12	4	9	Meriwether	40	64	50	51	Webster	2	3	1	2
Dougherty	243	383	293	307	Miller	10	12	4	9	Wheeler	6	6	2	4
Douglas	432	728	613	591	Mitchell	25	33	18	25	White	59	97	80	79
Early	25	37	25	29	Monroe	70	88	42	66	Whitfield	247	434	384	355
Echols	4	4	1	3	Montgomery	9	9	2	7	Wilcox	8	9	2	7
Effingham	77	110	71	86	Morgan	69	85	39	64	Wilkes	21	22	4	16
Elbert	47	54	20	40	Murray	32	53	45	43	Wilkinson	21	30	19	23
Emanuel	53	54	8	38	Muscogee	470	721	534	575	Worth	20	28	18	22

\*Units: Jobs. Totals and averages may not correspond to impacts due to rounding.

**Table A2.1.3: Method 1 County-Level Economic Output Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	8.8	11.2	6.1	8.7	Evans	2.8	3.4	1.6	2.6	Newton	32.6	56.5	50.3	46.5
Atkinson	1.4	1.5	0.4	1.1	Fannin	7.7	13.9	13.1	11.6	Oconee	23.2	33.0	21.5	25.9
Bacon	3.4	4.9	3.4	3.9	Fayette	59.6	101.4	88.1	83.1	Oglethorpe	3.2	3.7	1.5	2.8
Baker	0.4	0.5	0.3	0.4	Floyd	44.8	79.3	71.6	65.2	Paulding	34.8	60.0	52.7	49.2
Baldwin	19.2	26.2	15.8	20.4	Forsyth	121.2	210.9	187.7	173.3	Peach	9.2	12.2	6.9	9.4
Banks	4.1	6.5	5.1	5.2	Franklin	8.1	13.4	11.3	11.0	Pickens	12.0	22.3	21.1	18.5
Barrow	35.4	47.3	26.9	36.5	Fulton	1,694.5	2,641.1	2,069.9	2,135.1	Pierce	3.6	4.2	1.6	3.2
Bartow	38.8	65.4	56.1	53.4	Gilmer	6.8	12.1	11.1	10.0	Pike	3.9	6.2	5.0	5.0
Ben Hill	3.9	5.0	2.6	3.8	Glascocock	0.5	0.5	0.0	0.3	Polk	9.4	15.4	12.9	12.6
Berrien	2.4	2.6	0.8	1.9	Glynn	32.0	49.6	38.0	39.9	Pulaski	3.1	4.7	3.4	3.7
Bibb	100.6	164.0	133.9	132.8	Gordon	16.7	27.5	23.1	22.4	Putnam	6.7	8.9	4.9	6.8
Bleckley	2.7	2.9	0.8	2.1	Grady	4.5	6.6	4.6	5.2	Quitman	0.2	0.2	0.0	0.2
Brantley	2.2	2.3	0.4	1.6	Greene	11.1	14.6	8.2	11.3	Rabun	6.6	10.8	9.2	8.9
Brooks	3.2	4.3	2.5	3.3	Gwinnett	501.7	877.2	788.2	722.4	Randolph	1.1	1.4	0.7	1.0
Bryan	10.9	16.2	11.5	12.9	Habersham	13.2	20.7	16.2	16.7	Richmond	128.8	160.0	75.6	121.5
Bulloch	30.8	37.4	15.7	28.0	Hall	137.9	239.1	211.8	196.3	Rockdale	43.9	76.5	68.6	63.0
Burke	27.9	32.0	11.4	23.7	Hancock	1.5	1.7	0.6	1.3	Schley	0.9	1.0	0.4	0.8
Butts	8.2	13.1	10.6	10.6	Haralson	6.8	11.0	9.0	9.0	Screven	3.5	3.4	0.3	2.4
Calhoun	0.8	0.9	0.4	0.7	Harris	4.1	5.2	2.7	4.0	Seminole	2.0	3.0	2.4	2.5
Camden	9.9	15.2	11.4	12.2	Hart	6.8	10.9	8.8	8.8	Spalding	26.6	42.8	34.6	34.7
Candler	3.0	3.4	1.0	2.5	Heard	7.7	12.0	9.5	9.8	Stephens	8.5	13.4	10.7	10.8
Carroll	62.4	106.5	92.4	87.1	Henry	93.3	159.0	138.0	130.1	Stewart	2.0	3.5	2.9	2.8
Catoosa	14.8	24.8	21.3	20.3	Houston	58.9	81.9	51.4	64.1	Sumter	8.5	12.7	9.2	10.1
Charlton	1.4	1.5	0.3	1.1	Irwin	2.1	2.4	0.9	1.8	Talbot	0.8	1.0	0.5	0.7
Chatham	144.2	235.3	192.5	190.7	Jackson	48.5	64.9	37.4	50.3	Taliaferro	0.3	0.2	-0.1	0.1
Chattahoochee	0.9	1.3	0.9	1.0	Jasper	3.6	5.2	3.4	4.1	Tattnall	6.2	8.1	4.5	6.3
Chattooga	3.7	5.7	4.4	4.6	Jeff Davis	2.8	3.0	0.7	2.2	Taylor	1.5	2.0	1.2	1.5
Cherokee	85.0	156.8	148.7	130.2	Jefferson	4.8	5.2	1.3	3.8	Telfair	2.0	2.3	0.9	1.8
Clarke	139.5	171.9	78.3	129.9	Jenkins	1.7	1.9	0.6	1.4	Terrell	1.2	1.6	0.9	1.2
Clay	0.6	0.8	0.4	0.6	Johnson	1.3	1.6	0.7	1.2	Thomas	20.1	32.3	25.9	26.1
Clayton	133.1	217.5	177.8	176.1	Jones	5.6	7.5	4.6	5.9	Tift	18.3	21.3	7.8	15.8
Clinch	1.3	1.4	0.3	1.0	Lamar	3.8	5.7	4.2	4.6	Toombs	9.7	13.8	9.0	10.9
Cobb	638.0	1,094.8	964.7	899.1	Lanier	1.2	1.2	0.1	0.8	Towns	4.3	7.3	6.3	6.0
Coffee	15.1	20.5	12.1	15.9	Laurens	17.8	24.4	14.8	19.0	Treutlen	1.1	1.1	0.3	0.8
Colquitt	10.3	13.3	7.2	10.3	Lee	6.4	9.6	6.8	7.6	Troup	35.9	59.3	49.5	48.3
Columbia	54.0	67.2	30.8	50.7	Liberty	12.3	18.9	14.2	15.1	Turner	1.3	1.5	0.5	1.1
Cook	3.2	3.5	1.0	2.6	Lincoln	1.7	1.7	0.3	1.2	Twiggs	1.7	2.4	1.6	1.9
Coweta	66.0	113.9	100.3	93.4	Long	1.4	1.6	0.6	1.2	Union	8.9	14.1	11.3	11.5
Crawford	1.1	1.3	0.7	1.0	Lowndes	41.0	54.3	30.4	41.9	Upson	8.4	14.0	11.8	11.4
Crisp	7.0	10.8	8.1	8.7	Lumpkin	10.0	15.5	11.7	12.4	Walker	9.6	14.9	11.5	12.0
Dade	2.8	4.5	3.8	3.7	McDuffie	6.4	7.2	2.4	5.3	Walton	42.6	56.3	31.4	43.4
Dawson	11.3	19.0	16.4	15.6	McIntosh	1.6	2.1	1.3	1.7	Ware	15.0	20.0	11.4	15.5
Decatur	6.3	8.7	5.4	6.8	Macon	2.3	3.1	1.8	2.4	Warren	1.3	1.4	0.3	1.0
DeKalb	503.7	841.8	719.3	688.3	Madison	6.7	7.8	3.1	5.9	Washington	5.7	7.0	3.4	5.4
Dodge	4.3	5.1	2.2	3.9	Marion	0.6	0.7	0.3	0.5	Wayne	8.8	10.2	3.8	7.6
Dooly	1.8	2.1	0.9	1.6	Meriwether	6.8	11.1	9.2	9.0	Webster	0.4	0.5	0.3	0.4
Dougherty	39.9	64.3	51.5	51.9	Miller	1.7	1.9	0.7	1.4	Wheeler	0.7	0.7	0.2	0.5
Douglas	66.5	111.9	96.1	91.5	Mitchell	4.0	5.3	3.2	4.2	White	8.3	13.6	11.3	11.1
Early	4.4	6.5	4.7	5.2	Monroe	13.4	17.5	9.8	13.6	Whitfield	42.1	74.1	66.5	60.9
Echols	0.4	0.4	0.0	0.3	Montgomery	1.0	1.2	0.4	0.9	Wilcox	1.0	1.0	0.2	0.7
Effingham	13.8	19.3	12.3	15.2	Morgan	10.8	13.6	6.8	10.4	Wilkes	3.0	3.1	0.5	2.2
Elbert	6.8	7.8	3.0	5.8	Murray	5.0	8.3	7.1	6.8	Wilkinson	4.8	6.9	4.9	5.5
Emanuel	7.8	8.1	1.6	5.8	Muscogee	68.3	108.6	86.8	87.9	Worth	2.4	3.3	2.1	2.6

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A2.1.4: Method 1 County-Level GDP Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	5.4	7.1	3.9	5.5	Evans	1.5	1.8	0.9	1.4	Newton	18.4	32.0	28.7	26.4
Atkinson	0.8	0.8	0.2	0.6	Fannin	4.6	8.3	7.8	6.9	Oconee	14.0	20.0	13.2	15.7
Bacon	1.9	2.8	1.9	2.2	Fayette	35.5	61.0	53.3	49.9	Oglethorpe	1.9	2.3	0.9	1.7
Baker	0.3	0.4	0.2	0.3	Floyd	25.9	46.2	42.0	38.0	Paulding	20.6	35.6	31.2	29.1
Baldwin	11.7	16.0	9.7	12.4	Forsyth	70.9	124.1	110.6	101.8	Peach	5.0	6.5	3.5	5.0
Banks	2.4	3.8	3.0	3.1	Franklin	4.4	7.4	6.2	6.0	Pickens	7.1	13.1	12.5	10.9
Barrow	20.4	27.3	15.4	21.0	Fulton	992.2	1,551.4	1,212.8	1,252.1	Pierce	2.1	2.5	1.0	1.9
Bartow	21.6	36.7	31.6	30.0	Gilmer	3.9	6.9	6.4	5.7	Pike	2.2	3.4	2.7	2.8
Ben Hill	2.1	2.7	1.5	2.1	Glascok	0.3	0.3	0.0	0.2	Polk	5.1	8.4	7.0	6.8
Berrien	1.4	1.5	0.4	1.1	Glynn	19.3	30.2	23.3	24.3	Pulaski	1.8	2.8	2.1	2.2
Bibb	59.9	98.2	80.6	79.6	Gordon	9.3	15.7	13.4	12.8	Putnam	3.8	5.1	2.7	3.9
Bleckley	1.6	1.8	0.5	1.3	Grady	2.6	3.8	2.6	3.0	Quitman	0.1	0.1	0.0	0.1
Brantley	1.3	1.3	0.2	0.9	Greene	6.4	8.5	4.8	6.5	Rabun	3.9	6.5	5.5	5.3
Brooks	1.9	2.6	1.5	2.0	Gwinnett	295.4	520.7	470.0	428.7	Randolph	0.6	0.7	0.4	0.6
Bryan	6.3	9.5	6.8	7.6	Habersham	7.7	12.0	9.5	9.7	Richmond	76.5	95.3	44.6	72.2
Bulloch	18.5	22.6	9.5	16.9	Hall	77.5	135.7	120.8	111.3	Rockdale	25.2	44.5	40.2	36.6
Burke	15.4	17.7	6.4	13.2	Hancock	0.9	1.0	0.3	0.8	Schley	0.5	0.5	0.2	0.4
Butts	4.6	7.4	6.0	6.0	Haralson	3.5	5.7	4.6	4.6	Screven	2.1	2.1	0.1	1.4
Calhoun	0.4	0.5	0.2	0.4	Harris	2.3	3.0	1.5	2.3	Seminole	1.1	1.8	1.3	1.4
Camden	6.0	9.2	6.9	7.4	Hart	3.7	6.0	4.8	4.8	Spalding	16.1	26.2	21.3	21.2
Candler	1.8	2.0	0.6	1.5	Heard	4.9	7.6	6.0	6.2	Stephens	4.9	7.8	6.3	6.3
Carroll	34.4	59.0	51.3	48.2	Henry	55.1	94.7	82.5	77.4	Stewart	1.3	2.2	1.9	1.8
Catoosa	8.9	15.1	13.0	12.3	Houston	35.2	49.5	31.5	38.7	Sumter	5.0	7.3	5.2	5.8
Charlton	0.8	0.9	0.2	0.6	Irwin	1.2	1.5	0.5	1.1	Talbot	0.4	0.5	0.3	0.4
Chatham	84.9	139.5	114.5	112.9	Jackson	26.6	35.7	20.4	27.6	Taliaferro	0.2	0.2	-0.1	0.1
Chattahoochee	0.5	0.8	0.5	0.6	Jasper	2.0	2.9	1.8	2.2	Tattnall	3.7	4.8	2.5	3.6
Chattooga	2.0	3.1	2.4	2.5	Jeff Davis	1.7	1.7	0.4	1.3	Taylor	0.9	1.1	0.7	0.9
Cherokee	49.6	92.1	87.4	76.4	Jefferson	2.8	3.0	0.7	2.2	Telfair	1.2	1.4	0.5	1.0
Clarke	83.6	102.9	45.6	77.4	Jenkins	1.0	1.1	0.4	0.8	Terrell	0.7	0.9	0.5	0.7
Clay	0.3	0.5	0.3	0.4	Johnson	0.8	1.0	0.4	0.7	Thomas	11.7	19.1	15.4	15.4
Clayton	72.9	120.3	99.0	97.4	Jones	3.3	4.5	2.8	3.5	Tift	11.1	13.1	4.9	9.7
Clinch	0.8	0.8	0.1	0.5	Lamar	2.0	3.0	2.2	2.4	Toombs	5.7	8.2	5.3	6.4
Cobb	380.6	657.4	580.9	539.6	Lanier	0.7	0.7	0.0	0.5	Towns	2.6	4.3	3.8	3.6
Coffee	8.7	12.0	7.1	9.3	Laurens	10.4	14.4	8.8	11.2	Treutlen	0.6	0.6	0.2	0.4
Colquitt	6.0	7.8	4.2	6.0	Lee	3.8	5.7	4.1	4.6	Troup	20.1	33.8	28.6	27.5
Columbia	32.4	41.0	19.4	30.9	Liberty	7.3	11.3	8.5	9.1	Turner	0.7	0.8	0.2	0.6
Cook	1.9	2.1	0.6	1.5	Lincoln	1.0	1.0	0.1	0.7	Twiggs	0.9	1.3	0.9	1.0
Coweta	38.7	67.3	59.4	55.2	Long	0.8	0.9	0.3	0.7	Union	5.4	8.6	6.9	7.0
Crawford	0.6	0.8	0.4	0.6	Lowndes	24.4	33.0	19.0	25.5	Upson	4.9	8.1	6.9	6.7
Crisp	4.1	6.3	4.7	5.0	Lumpkin	5.9	9.0	6.8	7.2	Walker	5.1	7.9	6.0	6.4
Dade	1.5	2.5	2.2	2.1	McDuffie	3.6	4.1	1.4	3.0	Walton	24.0	31.8	17.5	24.4
Dawson	6.5	11.1	9.6	9.0	McIntosh	1.0	1.4	0.8	1.1	Ware	9.1	12.2	7.0	9.4
Decatur	3.7	5.2	3.2	4.0	Macon	1.3	1.7	1.0	1.3	Warren	0.7	0.7	0.1	0.5
DeKalb	297.4	498.9	426.2	407.5	Madison	4.0	4.7	1.8	3.5	Washington	3.4	4.1	1.9	3.1
Dodge	2.7	3.2	1.3	2.4	Marion	0.4	0.4	0.1	0.3	Wayne	5.1	6.1	2.4	4.5
Dooly	0.9	1.1	0.5	0.8	Meriwether	3.8	6.1	5.0	5.0	Webster	0.2	0.3	0.2	0.2
Dougherty	23.8	38.8	31.4	31.3	Miller	1.0	1.2	0.4	0.9	Wheeler	0.4	0.5	0.1	0.3
Douglas	38.9	65.9	56.7	53.8	Mitchell	2.2	3.0	1.8	2.3	White	4.8	7.9	6.5	6.4
Early	2.5	3.7	2.6	2.9	Monroe	8.2	10.7	6.0	8.3	Whitfield	24.6	44.1	40.3	36.3
Echols	0.2	0.2	0.0	0.2	Montgomery	0.6	0.7	0.2	0.5	Wilcox	0.6	0.6	0.1	0.4
Effingham	8.1	11.4	7.3	9.0	Morgan	5.9	7.4	3.6	5.6	Wilkes	1.8	1.8	0.3	1.3
Elbert	3.8	4.4	1.5	3.3	Murray	2.9	4.9	4.3	4.0	Wilkinson	2.6	3.9	2.7	3.1
Emanuel	4.5	4.7	0.8	3.4	Muscogee	40.6	64.9	51.8	52.5	Worth	1.4	1.9	1.2	1.5

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A2.1.5: Method 1 County-Level Personal Income Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	2.3	2.9	1.5	2.2	Evans	1.2	1.5	0.8	1.2	Newton	21.7	36.2	31.3	29.7
Atkinson	0.9	1.1	0.6	0.9	Fannin	4.6	8.0	7.3	6.6	Oconee	17.6	24.2	15.8	19.2
Bacon	1.3	1.6	0.9	1.2	Fayette	38.2	63.1	54.6	51.9	Oglethorpe	3.3	4.5	2.9	3.6
Baker	0.4	0.5	0.4	0.4	Floyd	14.3	24.1	21.1	19.8	Paulding	28.8	49.8	44.6	41.1
Baldwin	6.1	9.0	6.5	7.2	Forsyth	87.8	148.3	130.2	122.1	Peach	4.3	6.4	4.6	5.1
Banks	3.4	5.7	4.9	4.7	Franklin	3.8	6.3	5.4	5.2	Pickens	7.5	13.1	11.9	10.8
Barrow	19.8	27.4	17.9	21.7	Fulton	451.6	712.8	592.9	585.8	Pierce	2.5	3.2	1.7	2.4
Bartow	17.5	29.8	26.4	24.6	Gilmer	5.2	8.9	8.1	7.4	Pike	3.9	6.4	5.5	5.3
Ben Hill	1.7	2.1	1.0	1.6	Glascok	0.4	0.5	0.2	0.4	Polk	5.6	9.5	8.4	7.9
Berrien	1.9	2.3	1.1	1.7	Glynn	11.3	17.2	13.5	14.0	Pulaski	1.2	1.6	1.0	1.2
Bibb	25.1	36.7	26.7	29.5	Gordon	7.7	13.0	11.3	10.7	Putnam	4.4	6.5	4.8	5.2
Bleckley	1.5	2.1	1.3	1.6	Grady	2.5	3.8	2.9	3.1	Quitman	0.2	0.2	0.2	0.2
Brantley	1.9	2.4	1.3	1.8	Greene	6.8	9.3	6.0	7.3	Rabun	3.6	5.9	5.1	4.9
Brooks	1.7	2.1	1.0	1.6	Gwinnett	221.6	369.0	318.0	302.9	Randolph	0.5	0.7	0.5	0.5
Bryan	6.5	10.2	8.1	8.3	Habersham	7.5	12.4	10.7	10.2	Richmond	30.2	35.1	15.0	26.8
Bulloch	9.7	12.5	6.7	9.6	Hall	47.6	79.0	68.2	64.9	Rockdale	17.9	29.7	25.5	24.4
Burke	3.3	3.8	1.6	2.9	Hancock	1.0	1.5	1.1	1.2	Schley	0.3	0.5	0.4	0.4
Butts	4.4	7.2	6.2	5.9	Haralson	4.5	7.6	6.7	6.3	Screven	1.9	2.3	1.0	1.7
Calhoun	0.5	0.7	0.5	0.5	Harris	3.7	5.4	4.1	4.4	Seminole	1.1	1.6	1.2	1.3
Camden	5.7	8.7	6.8	7.1	Hart	4.8	7.9	6.8	6.5	Spalding	11.6	19.0	16.3	15.6
Candler	1.4	1.8	1.0	1.4	Heard	1.8	3.0	2.6	2.5	Stephens	4.5	7.4	6.3	6.1
Carroll	23.8	39.3	34.0	32.4	Henry	47.7	79.2	68.6	65.2	Stewart	0.4	0.6	0.4	0.5
Catoosa	9.6	16.2	14.2	13.3	Houston	28.6	42.0	30.6	33.7	Sumter	2.1	3.0	2.3	2.5
Charlton	1.2	1.5	0.8	1.2	Irwin	1.0	1.2	0.6	0.9	Talbot	0.4	0.6	0.5	0.5
Chatham	38.7	59.2	46.1	48.0	Jackson	20.9	29.0	19.0	23.0	Taliaferro	0.2	0.3	0.1	0.2
Chattahoochee	0.6	0.9	0.6	0.7	Jasper	2.5	3.7	2.7	3.0	Tattnall	2.4	3.0	1.6	2.3
Chattooga	2.9	4.8	4.2	4.0	Jeff Davis	1.7	2.1	1.1	1.6	Taylor	0.5	0.7	0.5	0.6
Cherokee	67.8	118.9	108.5	98.4	Jefferson	2.3	2.7	1.2	2.1	Telfair	1.1	1.5	0.9	1.1
Clarke	25.7	34.7	22.2	27.5	Jenkins	1.1	1.3	0.5	1.0	Terrell	1.0	1.5	1.2	1.2
Clay	0.2	0.3	0.2	0.2	Johnson	0.9	1.2	0.7	0.9	Thomas	6.2	9.3	7.0	7.5
Clayton	37.8	60.0	47.8	48.5	Jones	4.4	6.5	4.7	5.2	Tift	4.8	5.8	2.8	4.5
Clinch	0.8	1.1	0.6	0.8	Lamar	3.2	5.3	4.5	4.3	Toombs	3.3	4.2	2.2	3.3
Cobb	248.7	401.9	338.3	329.6	Lanier	0.9	1.2	0.6	0.9	Towns	2.5	4.2	3.6	3.4
Coffee	5.1	6.5	3.5	5.0	Laurens	6.4	8.6	5.2	6.7	Treutlen	0.7	0.9	0.6	0.7
Colquitt	4.5	6.8	5.1	5.5	Lee	4.3	6.5	5.0	5.3	Troup	12.6	20.5	17.5	16.9
Columbia	34.6	41.1	17.9	31.2	Liberty	6.2	9.4	7.3	7.6	Turner	0.9	1.1	0.5	0.8
Cook	1.7	2.1	1.0	1.6	Lincoln	1.3	1.5	0.6	1.1	Twiggs	1.2	1.7	1.2	1.4
Coweta	37.3	62.1	53.9	51.1	Long	1.6	2.5	1.9	2.0	Union	4.7	7.8	6.7	6.4
Crawford	1.7	2.4	1.8	2.0	Lowndes	13.6	16.6	7.9	12.7	Upson	4.6	7.5	6.4	6.1
Crisp	1.5	2.1	1.6	1.7	Lumpkin	6.7	11.3	9.9	9.3	Walker	9.1	15.4	13.5	12.7
Dade	2.2	3.7	3.2	3.0	McDuffie	3.2	3.8	1.6	2.9	Walton	25.1	34.4	22.4	27.3
Dawson	6.9	11.7	10.2	9.6	McIntosh	1.2	1.9	1.5	1.5	Ware	4.1	5.2	2.8	4.1
Decatur	3.0	4.5	3.4	3.6	Macon	0.8	1.1	0.8	0.9	Warren	0.8	0.9	0.4	0.7
DeKalb	214.3	341.2	284.1	279.9	Madison	6.7	9.1	5.9	7.2	Washington	2.8	4.1	2.9	3.3
Dodge	2.1	2.9	1.7	2.2	Marion	0.5	0.7	0.5	0.6	Wayne	3.4	4.3	2.3	3.3
Dooly	0.8	1.1	0.8	0.9	Meriwether	3.7	6.0	5.2	5.0	Webster	0.2	0.3	0.2	0.2
Dougherty	9.1	13.6	10.3	11.0	Miller	0.7	1.1	0.8	0.9	Wheeler	0.5	0.7	0.4	0.6
Douglas	30.0	48.6	41.0	39.9	Mitchell	2.2	3.3	2.5	2.7	White	5.7	9.5	8.3	7.8
Early	1.1	1.7	1.2	1.3	Monroe	5.5	8.1	5.9	6.5	Whitfield	17.5	29.8	26.3	24.5
Echols	0.3	0.4	0.2	0.3	Montgomery	1.0	1.3	0.8	1.0	Wilcox	0.8	1.1	0.7	0.9
Effingham	8.0	12.6	10.0	10.2	Morgan	6.1	8.3	5.4	6.6	Wilkes	1.6	1.9	0.8	1.4
Elbert	3.8	5.1	3.3	4.1	Murray	5.2	8.8	7.8	7.3	Wilkinson	1.3	1.9	1.4	1.5
Emanuel	3.1	3.7	1.6	2.8	Muscogee	17.8	25.6	19.2	20.9	Worth	2.1	3.1	2.3	2.5

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A2.1.6: Method 1 County-Level Population Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	13	24	24	20	Evans	7	14	14	12	Newton	140	343	459	314
Atkinson	6	11	12	10	Fannin	22	55	75	50	Oconee	53	112	128	98
Bacon	7	14	15	12	Fayette	122	293	388	268	Oglethorpe	18	38	43	33
Baker	2	3	4	3	Floyd	73	175	231	160	Paulding	139	342	463	315
Baldwin	37	80	95	70	Forsyth	273	668	901	614	Peach	24	53	64	47
Banks	18	43	57	40	Franklin	23	56	74	51	Pickens	29	74	102	68
Barrow	109	232	268	203	Fulton	1,326	3,052	3,858	2,745	Pierce	14	28	28	23
Bartow	85	208	278	190	Gilmer	27	68	93	63	Pike	20	47	62	43
Ben Hill	11	21	22	18	Glascocock	3	5	5	4	Polk	33	81	109	74
Berrien	12	23	23	19	Glynn	53	117	145	105	Pulaski	6	13	14	11
Bibb	130	282	337	250	Gordon	43	104	137	95	Putnam	20	45	54	40
Bleckley	8	16	18	14	Grady	15	34	41	30	Quitman	1	3	3	2
Brantley	13	25	26	22	Greene	24	50	57	44	Rabun	17	41	54	37
Brooks	11	20	21	17	Gwinnett	1,167	2,840	3,788	2,598	Randolph	3	7	8	6
Bryan	31	72	91	65	Habersham	46	111	147	101	Richmond	178	329	315	274
Bulloch	62	123	128	104	Hall	207	499	662	456	Rockdale	111	267	355	244
Burke	21	39	37	32	Hancock	7	16	19	14	Schley	2	5	6	4
Butts	26	62	82	57	Haralson	24	58	77	53	Screven	13	24	23	20
Calhoun	3	7	8	6	Harris	19	43	53	38	Seminole	5	12	15	11
Camden	35	79	99	71	Hart	26	62	83	57	Spalding	67	161	212	147
Candler	8	15	16	13	Heard	12	27	36	25	Stephens	26	61	80	56
Carroll	126	304	405	278	Henry	249	598	794	547	Stewart	4	9	11	8
Catoosa	51	123	162	112	Houston	145	317	382	281	Sumter	15	31	37	27
Charlton	9	19	19	16	Irwin	6	12	12	10	Talbot	3	6	7	5
Chatham	182	405	500	363	Jackson	102	216	250	189	Taliaferro	1	3	3	2
Chattahoochee	5	10	12	9	Jasper	14	31	37	27	Tattnall	16	31	32	26
Chattooga	18	44	59	41	Jeff Davis	11	21	21	18	Taylor	4	8	10	7
Cherokee	240	601	828	556	Jefferson	14	26	25	21	Telfair	8	16	17	14
Clarke	149	310	349	269	Jenkins	8	15	14	12	Terrell	5	11	13	10
Clay	1	3	4	3	Johnson	6	12	13	10	Thomas	28	62	75	55
Clayton	195	452	573	406	Jones	23	51	61	45	Tift	26	51	52	43
Clinch	5	9	9	8	Lamar	19	46	61	42	Toombs	19	37	37	31
Cobb	1,007	2,394	3,128	2,176	Lanier	7	14	14	12	Towns	13	31	41	28
Coffee	32	62	64	52	Laurens	31	64	69	55	Treutlen	4	8	9	7
Colquitt	27	60	72	53	Lee	21	46	55	40	Troup	69	163	213	148
Columbia	152	289	283	241	Liberty	40	88	109	79	Turner	6	11	12	10
Cook	11	21	21	18	Lincoln	7	13	13	11	Twiggs	6	14	17	12
Coweta	157	379	506	348	Long	11	26	33	23	Union	24	58	76	52
Crawford	10	20	24	18	Lowndes	77	150	154	127	Upson	27	64	84	58
Crisp	10	21	25	18	Lumpkin	35	87	117	80	Walker	51	124	165	113
Dade	12	29	39	27	McDuffie	19	36	35	30	Walton	123	261	300	228
Dawson	30	74	100	68	McIntosh	7	16	20	14	Ware	25	49	51	42
Decatur	17	38	46	34	Macon	6	13	15	11	Warren	5	9	9	7
DeKalb	1,008	2,362	3,047	2,139	Madison	37	78	89	68	Washington	16	34	40	30
Dodge	12	24	26	21	Marion	4	8	10	7	Wayne	22	43	44	36
Dooly	5	11	14	10	Meriwether	21	50	66	46	Webster	1	3	3	2
Dougherty	49	107	128	95	Miller	3	7	9	6	Wheeler	5	9	10	8
Douglas	191	456	597	415	Mitchell	13	28	33	25	White	29	70	94	64
Early	6	13	16	12	Monroe	25	55	66	49	Whitfield	81	197	263	181
Echols	2	5	5	4	Montgomery	5	11	12	10	Wilcox	6	12	13	10
Effingham	44	99	124	89	Morgan	25	51	58	45	Wilkes	8	16	15	13
Elbert	22	47	52	40	Murray	32	77	104	71	Wilkinson	7	16	19	14
Emanuel	20	38	37	32	Muscogee	108	233	282	208	Worth	12	25	30	22

\*Units: Individuals. Totals and averages may not correspond to impacts due to rounding.



## Method 2 Results

**Table A2.2.1: Method 2 State-Level Economic Impacts**

Category	Year 1	Year 2	Year 3	Average
Total Employment	43,705	73,133	61,198	59,345
<i>Selected Key Industries</i>				
Ambulatory health care services	9,349	17,859	17,023	14,743
Hospitals	4,770	9,343	9,154	7,756
Retail trade	4,887	8,749	7,940	7,192
Construction	4,027	7,224	6,673	5,974
Administrative and support services	2,405	4,161	3,605	3,390
Food services and drinking places	1,629	2,921	2,749	2,433
State and local government	4,748	2,723	-3,051	1,473
Nursing and residential care facilities	979	1,912	1,863	1,584
Wholesale trade	904	1,561	1,359	1,274
Chemical manufacturing	101	185	170	152
Economic Output	7,868.5	13,239.3	11,425.3	10,844.4
Gross Domestic Product (GDP)	4,607.4	7,797.7	6,740.6	6,381.9
Personal Income	3,057.7	5,089.7	4,452.7	4,200.1
Population	13,716	32,871	43,507	30,031
*Units: Total Employment - Jobs; Economic Output, GDP, Personal Income - Millions of 2024 Dollars; Population - Individuals. Averages may not correspond to impacts due to rounding. State and local government impacts exclude public hospitals, which are included in the Hospitals impacts.				

**Table A2.2.2: Method 2 County-Level Total Employment Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	47	62	35	48	Evans	26	36	23	28	Newton	321	584	538	481
Atkinson	11	13	6	10	Fannin	77	144	138	120	Oconee	188	284	207	226
Bacon	18	24	14	19	Fayette	524	933	842	767	Oglethorpe	26	33	15	25
Baker	3	5	3	4	Floyd	346	626	573	515	Paulding	353	643	594	530
Baldwin	183	272	192	216	Forsyth	951	1,728	1,591	1,423	Peach	73	103	68	81
Banks	41	69	60	57	Franklin	62	106	94	87	Pickens	88	165	157	137
Barrow	264	383	258	301	Fulton	8,546	13,994	11,405	11,315	Pierce	28	35	17	27
Bartow	302	537	484	441	Gilmer	66	122	115	101	Pike	34	58	49	47
Ben Hill	29	38	21	29	Glascocock	3	3	-1	2	Polk	80	141	126	116
Berrien	20	24	11	18	Glynn	243	395	319	319	Pulaski	32	52	42	42
Bibb	821	1,377	1,153	1,117	Gordon	131	230	203	188	Putnam	59	85	57	67
Bleckley	28	36	19	27	Grady	34	52	39	42	Quitman	2	3	2	2
Brantley	21	23	7	17	Greene	74	104	68	82	Rabun	61	107	96	88
Brooks	24	34	22	27	Gwinnett	4,243	7,751	7,153	6,382	Randolph	8	10	5	8
Bryan	81	131	104	105	Habersham	107	179	152	146	Richmond	983	1,274	676	978
Bulloch	245	321	170	245	Hall	950	1,705	1,546	1,400	Rockdale	380	690	634	568
Burke	106	131	59	99	Hancock	13	16	7	12	Schley	6	6	3	5
Butts	68	115	98	94	Haralson	50	86	75	70	Screven	26	26	4	18
Calhoun	9	12	8	10	Harris	37	51	33	40	Seminole	17	27	22	22
Camden	88	140	109	112	Hart	59	101	87	83	Spalding	257	437	375	356
Candler	26	33	15	25	Heard	22	35	28	28	Stephens	65	110	93	89
Carroll	448	785	694	642	Henry	848	1,508	1,353	1,236	Stewart	20	34	30	28
Catoosa	137	243	218	199	Houston	478	718	515	570	Sumter	68	104	78	83
Charlton	12	14	6	11	Irwin	20	25	13	20	Talbot	5	6	3	5
Chatham	1,009	1,694	1,417	1,373	Jackson	336	486	325	382	Taliaferro	3	2	-1	1
Chattahoochee	9	13	9	11	Jasper	34	53	40	42	Tattnell	59	86	58	68
Chattooga	32	53	44	43	Jeff Davis	22	26	9	19	Taylor	11	14	9	11
Cherokee	751	1,408	1,340	1,166	Jefferson	36	41	14	30	Telfair	17	21	11	16
Clarke	961	1,252	670	961	Jenkins	15	18	8	14	Terrell	12	17	11	13
Clay	7	10	8	8	Johnson	14	18	11	14	Thomas	152	254	211	206
Clayton	1,093	1,899	1,643	1,545	Jones	53	79	58	63	Tift	138	184	103	142
Clinch	11	13	4	9	Lamar	32	51	40	41	Toombs	91	137	98	109
Cobb	4,489	7,992	7,202	6,561	Lanier	12	14	5	10	Towns	35	62	55	51
Coffee	126	180	117	141	Laurens	171	268	203	214	Treutlen	9	11	4	8
Colquitt	78	111	73	87	Lee	72	119	96	96	Troup	306	534	468	436
Columbia	417	575	347	446	Liberty	101	156	115	124	Turner	12	15	8	12
Cook	26	31	14	24	Lincoln	16	18	7	14	Twiggs	14	20	14	16
Coweta	530	947	855	777	Long	13	17	9	13	Union	74	126	107	102
Crawford	15	22	15	18	Lowndes	323	453	285	354	Upson	78	134	117	109
Crisp	56	91	73	73	Lumpkin	90	148	122	120	Walker	87	146	123	119
Dade	24	41	36	33	McDuffie	56	69	31	52	Walton	329	479	325	378
Dawson	94	165	148	136	McIntosh	13	18	11	14	Ware	125	179	116	140
Decatur	53	79	56	63	Macon	20	30	22	24	Warren	11	13	5	9
DeKalb	4,022	7,059	6,256	5,779	Madison	59	76	41	58	Washington	46	60	33	46
Dodge	59	88	62	70	Marion	5	6	2	4	Wayne	76	104	63	81
Dooly	12	15	8	12	Meriwether	51	86	74	70	Webster	3	4	2	3
Dougherty	312	520	433	421	Miller	12	15	8	12	Wheeler	6	8	3	6
Douglas	566	997	889	817	Mitchell	30	43	29	34	White	75	132	118	108
Early	32	50	38	40	Monroe	83	113	70	89	Whitfield	329	599	550	493
Echols	4	5	1	4	Montgomery	10	12	5	9	Wilcox	10	12	5	9
Effingham	95	147	110	117	Morgan	81	110	66	86	Wilkes	24	28	10	21
Elbert	54	69	36	53	Murray	41	73	65	60	Wilkinson	26	39	29	31
Emanuel	60	67	21	50	Muscogee	600	978	793	790	Worth	25	38	28	30

\*Units: Jobs. Totals and averages may not correspond to impacts due to rounding.

**Table A2.2.3: Method 2 County-Level Economic Output Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	10.5	14.7	9.8	11.7	Evans	3.3	4.5	2.6	3.5	Newton	42.8	77.3	72.5	64.2
Atkinson	1.6	1.8	0.8	1.4	Fannin	10.2	19.2	18.7	16.0	Oconee	28.5	43.7	32.9	35.0
Bacon	4.2	6.6	5.1	5.3	Fayette	77.6	138.4	127.6	114.5	Oglethorpe	3.7	4.7	2.6	3.7
Baker	0.5	0.7	0.5	0.6	Floyd	59.6	109.2	102.6	90.5	Paulding	45.0	81.7	76.5	67.7
Baldwin	23.4	34.6	24.8	27.6	Forsyth	158.4	288.2	270.9	239.2	Peach	11.0	16.0	11.0	12.7
Banks	5.2	8.7	7.6	7.2	Franklin	10.5	18.3	16.5	15.1	Pickens	16.1	30.8	30.1	25.7
Barrow	42.3	61.6	42.6	48.9	Fulton	2,169.2	3,582.3	3,045.9	2,932.5	Pierce	4.2	5.4	2.9	4.2
Bartow	50.3	89.1	81.4	73.6	Gilmer	9.0	16.6	16.0	13.8	Pike	4.9	8.4	7.4	6.9
Ben Hill	4.7	6.5	4.2	5.1	Glascocock	0.5	0.5	0.1	0.4	Polk	12.1	21.0	18.8	17.3
Berrien	2.7	3.3	1.6	2.5	Glynn	40.6	66.9	56.2	54.6	Pulaski	3.9	6.4	5.1	5.1
Bibb	130.1	223.3	195.3	182.9	Gordon	21.8	37.7	33.4	31.0	Putnam	8.0	11.5	7.9	9.1
Bleckley	3.0	3.7	1.6	2.8	Grady	5.6	8.8	6.9	7.1	Quitman	0.2	0.3	0.1	0.2
Brantley	2.5	2.8	1.0	2.1	Greene	13.2	19.0	13.0	15.1	Rabun	8.5	14.7	13.3	12.2
Brooks	3.9	5.6	4.0	4.5	Gwinnett	661.4	1,202.4	1,131.8	998.5	Randolph	1.3	1.8	1.1	1.4
Bryan	13.4	21.6	17.4	17.5	Habersham	16.8	27.9	23.9	22.9	Richmond	153.1	207.7	124.8	161.8
Bulloch	36.2	48.1	27.0	37.1	Hall	181.3	327.7	305.1	271.4	Rockdale	57.9	105.0	98.5	87.1
Burke	31.8	40.0	20.3	30.7	Hancock	1.7	2.1	1.1	1.6	Schley	1.0	1.3	0.7	1.0
Butts	10.4	17.7	15.6	14.6	Haralson	8.7	14.9	13.2	12.3	Screven	3.9	4.2	1.1	3.1
Calhoun	0.9	1.2	0.7	0.9	Harris	4.9	6.8	4.5	5.4	Seminole	2.5	4.1	3.5	3.4
Camden	12.5	20.4	16.9	16.6	Hart	8.7	14.7	12.9	12.1	Spalding	34.0	58.1	50.8	47.6
Candler	3.5	4.3	2.0	3.3	Heard	9.8	16.3	14.0	13.4	Stephens	10.8	18.1	15.7	14.8
Carroll	81.2	145.3	133.9	120.1	Henry	121.2	216.9	200.1	179.4	Stewart	2.7	4.8	4.2	3.9
Catoosa	19.2	33.8	30.9	28.0	Houston	71.8	108.2	79.6	86.5	Sumter	10.8	17.1	13.7	13.9
Charlton	1.6	1.8	0.7	1.4	Irwin	2.4	3.0	1.6	2.3	Talbot	0.9	1.2	0.8	1.0
Chatham	186.2	320.1	280.9	262.4	Jackson	58.1	84.6	59.1	67.3	Taliaferro	0.3	0.3	-0.1	0.2
Chattahoochee	1.2	1.8	1.3	1.4	Jasper	4.4	6.9	5.3	5.5	Tattnall	7.5	10.7	7.1	8.4
Chattooga	4.7	7.7	6.6	6.3	Jeff Davis	3.2	3.8	1.5	2.8	Taylor	1.8	2.6	1.8	2.1
Cherokee	112.9	215.5	212.7	180.4	Jefferson	5.5	6.5	2.7	4.9	Telfair	2.4	3.0	1.6	2.3
Clarke	164.7	222.4	132.0	173.1	Jenkins	2.0	2.4	1.2	1.9	Terrell	1.4	2.0	1.4	1.6
Clay	0.7	1.0	0.7	0.8	Johnson	1.5	2.0	1.2	1.6	Thomas	25.9	44.0	37.9	35.9
Clayton	172.3	296.3	259.4	242.6	Jones	6.7	9.9	7.2	7.9	Tift	21.2	27.1	14.0	20.8
Clinch	1.5	1.7	0.6	1.3	Lamar	4.7	7.6	6.4	6.2	Toombs	12.0	18.4	13.7	14.7
Cobb	839.7	1,501.1	1,389.1	1,243.3	Lanier	1.3	1.4	0.4	1.0	Towns	5.5	10.0	9.2	8.2
Coffee	18.4	27.0	19.0	21.5	Laurens	21.7	32.3	22.9	25.6	Treutlen	1.2	1.5	0.6	1.1
Colquitt	12.4	17.4	11.5	13.8	Lee	8.0	12.8	10.3	10.3	Troup	46.6	80.8	72.1	66.5
Columbia	63.7	86.6	51.3	67.2	Liberty	15.6	25.5	21.0	20.7	Turner	1.5	1.8	0.9	1.4
Cook	3.6	4.4	2.0	3.4	Lincoln	1.8	2.0	0.7	1.5	Twiggs	2.1	3.2	2.4	2.5
Coweta	86.0	155.6	145.1	128.9	Long	1.6	2.1	1.2	1.6	Union	11.3	19.1	16.7	15.7
Crawford	1.2	1.7	1.1	1.3	Lowndes	49.3	71.0	48.0	56.1	Upson	10.9	19.1	17.1	15.7
Crisp	9.0	14.7	12.1	11.9	Lumpkin	12.5	20.7	17.5	16.9	Walker	12.2	20.1	17.0	16.4
Dade	3.6	6.2	5.5	5.1	McDuffie	7.4	9.1	4.4	7.0	Walton	50.9	73.4	50.1	58.1
Dawson	14.5	25.8	23.8	21.4	McIntosh	1.9	2.8	2.0	2.2	Ware	18.2	26.4	18.0	20.9
Decatur	7.7	11.5	8.4	9.2	Macon	2.9	4.1	2.9	3.3	Warren	1.4	1.7	0.6	1.3
DeKalb	657.1	1,150.4	1,041.9	949.8	Madison	7.7	10.0	5.4	7.7	Washington	6.8	9.1	5.6	7.1
Dodge	5.1	6.6	3.7	5.1	Marion	0.7	0.9	0.5	0.7	Wayne	10.2	13.1	6.8	10.0
Dooly	2.1	2.7	1.6	2.1	Meriwether	8.7	15.0	13.4	12.4	Webster	0.5	0.7	0.5	0.6
Dougherty	51.4	87.5	75.5	71.4	Miller	1.9	2.4	1.2	1.9	Wheeler	0.8	0.9	0.4	0.7
Douglas	86.7	152.9	139.2	126.2	Mitchell	4.8	7.1	5.0	5.6	White	10.6	18.4	16.6	15.2
Early	5.5	8.7	7.1	7.1	Monroe	16.0	22.8	15.6	18.2	Whitfield	56.4	102.3	95.1	84.6
Echols	0.4	0.5	0.1	0.3	Montgomery	1.2	1.5	0.7	1.1	Wilcox	1.1	1.3	0.4	0.9
Effingham	16.8	25.5	19.1	20.5	Morgan	12.8	17.6	11.2	13.8	Wilkes	3.4	3.8	1.2	2.8
Elbert	7.9	10.0	5.3	7.7	Murray	6.5	11.3	10.3	9.4	Wilkinson	5.9	9.2	7.4	7.5
Emanuel	8.9	10.1	3.7	7.6	Muscogee	88.2	148.0	127.0	121.1	Worth	2.9	4.4	3.2	3.5

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A2.2.4: Method 2 County-Level GDP Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	6.5	9.3	6.2	7.3	Evans	1.8	2.4	1.4	1.9	Newton	24.1	43.8	41.3	36.4
Atkinson	0.9	1.0	0.4	0.8	Fannin	6.1	11.4	11.2	9.6	Oconee	17.2	26.6	20.2	21.3
Bacon	2.4	3.7	2.9	3.0	Fayette	46.3	83.4	77.1	68.9	Oglethorpe	2.2	2.9	1.6	2.2
Baker	0.3	0.5	0.4	0.4	Floyd	34.5	63.7	60.2	52.8	Paulding	26.7	48.4	45.3	40.1
Baldwin	14.1	21.1	15.1	16.8	Forsyth	92.7	169.6	159.7	140.6	Peach	5.9	8.5	5.7	6.7
Banks	3.0	5.1	4.4	4.2	Franklin	5.7	10.0	9.0	8.3	Pickens	9.5	18.1	17.8	15.1
Barrow	24.4	35.6	24.5	28.2	Fulton	1,268.8	2,103.2	1,787.1	1,719.7	Pierce	2.5	3.2	1.7	2.4
Bartow	28.0	50.0	45.8	41.3	Gilmer	5.1	9.4	9.1	7.9	Pike	2.7	4.6	4.1	3.8
Ben Hill	2.6	3.6	2.4	2.8	Glascok	0.3	0.3	0.0	0.2	Polk	6.6	11.4	10.2	9.4
Berrien	1.5	1.9	0.9	1.4	Glynn	24.5	40.8	34.5	33.3	Pulaski	2.3	3.8	3.1	3.1
Bibb	77.4	133.8	117.6	109.6	Gordon	12.2	21.4	19.4	17.7	Putnam	4.6	6.6	4.4	5.2
Bleckley	1.8	2.2	1.0	1.7	Grady	3.2	5.1	4.0	4.1	Quitman	0.1	0.2	0.1	0.1
Brantley	1.4	1.6	0.5	1.2	Greene	7.6	11.0	7.5	8.7	Rabun	5.0	8.8	8.0	7.3
Brooks	2.4	3.4	2.3	2.7	Gwinnett	389.7	714.1	674.8	592.9	Randolph	0.7	0.9	0.6	0.7
Bryan	7.8	12.7	10.2	10.3	Habersham	9.7	16.2	14.0	13.3	Richmond	90.9	123.7	74.0	96.2
Bulloch	21.8	29.1	16.4	22.4	Hall	102.0	186.1	174.0	154.0	Rockdale	33.3	61.1	57.7	50.7
Burke	17.6	22.2	11.3	17.0	Hancock	1.0	1.3	0.6	1.0	Schley	0.5	0.7	0.3	0.5
Butts	5.9	10.1	8.9	8.3	Haralson	4.5	7.8	6.8	6.4	Screven	2.4	2.5	0.6	1.8
Calhoun	0.5	0.7	0.4	0.5	Harris	2.7	3.9	2.5	3.0	Seminole	1.4	2.4	2.0	1.9
Camden	7.6	12.4	10.3	10.1	Hart	4.8	8.1	7.0	6.6	Spalding	20.6	35.6	31.3	29.2
Candler	2.0	2.5	1.2	1.9	Heard	6.2	10.3	8.9	8.5	Stephens	6.2	10.5	9.2	8.6
Carroll	44.7	80.6	74.4	66.6	Henry	71.7	129.3	119.6	106.9	Stewart	1.7	3.1	2.8	2.5
Catoosa	11.6	20.6	18.9	17.0	Houston	43.0	65.5	48.6	52.4	Sumter	6.2	9.8	7.8	7.9
Charlton	0.9	1.1	0.4	0.8	Irwin	1.4	1.8	1.0	1.4	Talbot	0.5	0.7	0.5	0.6
Chatham	109.6	189.8	167.1	155.5	Jackson	31.8	46.5	32.3	36.9	Taliaferro	0.2	0.2	-0.1	0.1
Chattahoochee	0.7	1.0	0.8	0.8	Jasper	2.4	3.8	2.8	3.0	Tattnall	4.4	6.2	4.1	4.9
Chattooga	2.6	4.2	3.5	3.4	Jeff Davis	1.9	2.2	0.9	1.6	Taylor	1.1	1.5	1.1	1.2
Cherokee	65.9	126.6	125.0	105.8	Jefferson	3.2	3.7	1.5	2.8	Telfair	1.4	1.8	0.9	1.4
Clarke	98.4	132.9	77.7	103.0	Jenkins	1.2	1.5	0.7	1.1	Terrell	0.9	1.2	0.8	1.0
Clay	0.4	0.6	0.5	0.5	Johnson	0.9	1.3	0.7	1.0	Thomas	15.1	26.0	22.5	21.2
Clayton	94.4	163.9	144.4	134.2	Jones	4.0	6.0	4.4	4.8	Tift	12.9	16.7	8.7	12.8
Clinch	0.9	1.0	0.3	0.7	Lamar	2.5	4.0	3.3	3.3	Toombs	7.1	10.9	8.2	8.7
Cobb	501.2	901.6	836.6	746.5	Lanier	0.8	0.8	0.2	0.6	Towns	3.3	5.9	5.4	4.9
Coffee	10.6	15.8	11.2	12.5	Laurens	12.7	19.1	13.7	15.2	Treutlen	0.6	0.8	0.3	0.6
Colquitt	7.2	10.2	6.8	8.1	Lee	4.8	7.7	6.2	6.2	Troup	26.1	46.2	41.6	38.0
Columbia	38.4	53.0	32.0	41.1	Liberty	9.3	15.2	12.7	12.4	Turner	0.8	1.0	0.5	0.8
Cook	2.1	2.6	1.2	2.0	Lincoln	1.1	1.2	0.4	0.9	Twiggs	1.1	1.7	1.3	1.4
Coweta	50.5	92.0	86.0	76.2	Long	0.9	1.2	0.6	0.9	Union	6.8	11.6	10.2	9.5
Crawford	0.8	1.1	0.7	0.8	Lowndes	29.5	43.2	29.8	34.2	Upson	6.4	11.1	10.1	9.2
Crisp	5.2	8.5	7.0	6.9	Lumpkin	7.3	12.1	10.2	9.9	Walker	6.4	10.7	9.0	8.7
Dade	2.0	3.4	3.1	2.9	McDuffie	4.2	5.2	2.5	4.0	Walton	28.7	41.5	28.0	32.7
Dawson	8.4	15.0	13.9	12.4	McIntosh	1.2	1.8	1.3	1.4	Ware	11.0	16.1	11.1	12.7
Decatur	4.5	6.8	4.9	5.4	Macon	1.6	2.3	1.6	1.8	Warren	0.8	0.9	0.3	0.7
DeKalb	387.7	681.6	617.8	562.4	Madison	4.7	6.0	3.2	4.6	Washington	3.9	5.3	3.2	4.1
Dodge	3.1	4.1	2.3	3.2	Marion	0.4	0.5	0.3	0.4	Wayne	5.9	7.8	4.2	6.0
Dooly	1.1	1.4	0.8	1.1	Meriwether	4.9	8.3	7.4	6.9	Webster	0.3	0.4	0.3	0.3
Dougherty	30.7	52.8	45.9	43.1	Miller	1.2	1.5	0.8	1.2	Wheeler	0.5	0.6	0.2	0.4
Douglas	50.7	90.1	82.2	74.3	Mitchell	2.7	3.9	2.8	3.1	White	6.1	10.6	9.6	8.8
Early	3.1	5.0	3.9	4.0	Monroe	9.8	14.0	9.5	11.1	Whitfield	32.9	60.9	57.6	50.5
Echols	0.2	0.3	0.1	0.2	Montgomery	0.7	0.9	0.4	0.7	Wilcox	0.6	0.7	0.2	0.5
Effingham	9.9	15.1	11.3	12.1	Morgan	7.0	9.6	6.0	7.5	Wilkes	2.0	2.2	0.7	1.7
Elbert	4.4	5.6	2.8	4.3	Murray	3.8	6.7	6.2	5.5	Wilkinson	3.3	5.2	4.1	4.2
Emanuel	5.1	5.9	2.0	4.4	Muscogee	52.4	88.5	75.9	72.3	Worth	1.7	2.5	1.9	2.0

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A2.2.5: Method 2 County-Level Personal Income Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	2.7	3.7	2.4	2.9	Evans	1.4	2.0	1.3	1.6	Newton	28.4	49.5	45.3	41.1
Atkinson	1.0	1.5	1.0	1.2	Fannin	6.1	11.0	10.5	9.2	Oconee	21.4	32.0	24.2	25.9
Bacon	1.5	2.1	1.4	1.7	Fayette	49.5	86.1	79.2	71.6	Oglethorpe	4.0	5.9	4.5	4.8
Baker	0.5	0.7	0.6	0.6	Floyd	18.7	32.9	30.5	27.4	Paulding	37.7	68.1	64.5	56.8
Baldwin	7.6	12.0	9.8	9.8	Forsyth	114.1	202.3	188.7	168.4	Peach	5.4	8.5	6.9	7.0
Banks	4.4	7.7	7.1	6.4	Franklin	4.9	8.6	7.9	7.1	Pickens	9.8	17.9	17.1	14.9
Barrow	24.2	36.2	27.5	29.3	Fulton	585.0	973.2	863.1	807.1	Pierce	3.0	4.1	2.7	3.3
Bartow	22.9	40.8	38.1	33.9	Gilmer	6.8	12.2	11.6	10.2	Pike	5.0	8.8	8.0	7.3
Ben Hill	2.0	2.7	1.6	2.1	Glascok	0.5	0.7	0.4	0.5	Polk	7.3	13.0	12.2	10.9
Berrien	2.2	2.9	1.8	2.3	Glynn	14.3	23.3	19.8	19.2	Pulaski	1.4	2.1	1.5	1.7
Bibb	31.4	49.2	39.9	40.2	Gordon	10.1	17.7	16.3	14.7	Putnam	5.5	8.7	7.1	7.1
Bleckley	1.9	2.7	1.9	2.2	Grady	3.2	5.1	4.3	4.2	Quitman	0.2	0.3	0.2	0.2
Brantley	2.2	3.1	2.0	2.4	Greene	8.3	12.2	9.2	9.9	Rabun	4.7	8.1	7.4	6.7
Brooks	2.1	2.7	1.7	2.2	Gwinnett	289.8	504.5	459.8	418.0	Randolph	0.6	0.9	0.7	0.7
Bryan	8.3	13.8	11.9	11.3	Habersham	9.8	17.0	15.6	14.1	Richmond	35.4	45.0	25.3	35.2
Bulloch	11.5	16.2	10.8	12.8	Hall	61.8	107.7	98.9	89.5	Rockdale	23.4	40.6	36.9	33.6
Burke	3.9	4.9	2.7	3.8	Hancock	1.3	2.0	1.6	1.7	Schley	0.4	0.6	0.5	0.5
Butts	5.7	9.9	9.0	8.2	Haralson	5.8	10.4	9.7	8.6	Screven	2.3	2.9	1.6	2.3
Calhoun	0.6	0.9	0.8	0.7	Harris	4.7	7.3	6.1	6.0	Seminole	1.4	2.2	1.8	1.8
Camden	7.2	11.8	10.0	9.7	Hart	6.2	10.8	9.8	8.9	Spalding	15.1	25.9	23.6	21.5
Candler	1.7	2.3	1.6	1.9	Heard	2.4	4.1	3.8	3.4	Stephens	5.9	10.1	9.2	8.4
Carroll	30.8	53.7	49.4	44.6	Henry	61.9	108.1	99.6	89.9	Stewart	0.5	0.8	0.7	0.6
Catoosa	12.5	22.1	20.5	18.4	Houston	35.8	56.3	45.8	46.0	Sumter	2.7	4.1	3.3	3.4
Charlton	1.4	2.0	1.3	1.6	Irwin	1.2	1.6	1.0	1.2	Talbot	0.6	0.8	0.7	0.7
Chatham	49.3	80.1	67.9	65.8	Jackson	25.5	38.4	29.3	31.0	Taliaferro	0.3	0.3	0.2	0.3
Chattahoochee	0.8	1.2	0.9	1.0	Jasper	3.1	4.9	4.1	4.0	Tattnall	2.8	4.0	2.6	3.1
Chattooga	3.8	6.6	6.1	5.5	Jeff Davis	2.0	2.7	1.8	2.2	Taylor	0.6	1.0	0.8	0.8
Cherokee	89.2	163.0	156.2	136.1	Jefferson	2.7	3.5	1.9	2.7	Telfair	1.3	1.9	1.4	1.5
Clarke	31.3	45.8	34.2	37.1	Jenkins	1.3	1.6	0.9	1.3	Terrell	1.3	2.1	1.7	1.7
Clay	0.2	0.4	0.3	0.3	Johnson	1.1	1.6	1.1	1.3	Thomas	7.7	12.5	10.5	10.2
Clayton	48.9	81.8	69.9	66.9	Jones	5.5	8.7	7.1	7.1	Tift	5.6	7.5	4.6	5.9
Clinch	1.0	1.4	0.9	1.1	Lamar	4.1	7.2	6.5	6.0	Toombs	3.9	5.5	3.6	4.3
Cobb	325.0	550.2	490.5	455.2	Lanier	1.1	1.5	0.9	1.2	Towns	3.3	5.7	5.2	4.7
Coffee	6.0	8.5	5.6	6.7	Laurens	7.7	11.3	8.1	9.0	Treutlen	0.8	1.2	0.9	1.0
Colquitt	5.7	9.2	7.6	7.5	Lee	5.4	8.8	7.4	7.2	Troup	16.3	28.0	25.4	23.2
Columbia	40.5	52.6	30.2	41.1	Liberty	7.9	12.7	10.7	10.5	Turner	1.0	1.4	0.8	1.1
Cook	2.0	2.7	1.6	2.1	Lincoln	1.5	1.9	1.1	1.5	Twiggs	1.4	2.3	1.8	1.8
Coweta	48.4	84.7	78.2	70.4	Long	2.0	3.3	2.9	2.7	Union	6.1	10.6	9.7	8.8
Crawford	2.1	3.3	2.6	2.7	Lowndes	16.0	21.3	13.0	16.8	Upson	6.0	10.2	9.3	8.5
Crisp	1.9	2.9	2.4	2.4	Lumpkin	8.7	15.4	14.3	12.8	Walker	11.9	21.0	19.5	17.5
Dade	2.8	5.0	4.7	4.2	McDuffie	3.8	4.8	2.7	3.8	Walton	30.5	45.5	34.5	36.8
Dawson	9.0	15.9	14.8	13.2	McIntosh	1.6	2.6	2.2	2.1	Ware	4.9	6.8	4.5	5.4
Decatur	3.7	6.0	5.0	4.9	Macon	1.0	1.5	1.2	1.3	Warren	0.9	1.2	0.7	0.9
DeKalb	279.0	466.4	412.6	386.0	Madison	8.2	12.1	9.1	9.8	Washington	3.5	5.5	4.4	4.4
Dodge	2.6	3.8	2.7	3.0	Marion	0.6	1.0	0.8	0.8	Wayne	4.0	5.6	3.7	4.4
Dooly	1.0	1.5	1.2	1.3	Meriwether	4.8	8.2	7.5	6.8	Webster	0.2	0.4	0.3	0.3
Dougherty	11.4	18.3	15.3	15.0	Miller	0.9	1.5	1.2	1.2	Wheeler	0.6	0.9	0.7	0.7
Douglas	39.2	66.5	59.4	55.0	Mitchell	2.8	4.5	3.7	3.7	White	7.4	13.0	12.0	10.8
Early	1.4	2.2	1.9	1.8	Monroe	6.9	10.9	8.9	8.9	Whitfield	23.1	40.8	37.9	33.9
Echols	0.4	0.5	0.3	0.4	Montgomery	1.2	1.8	1.3	1.4	Wilcox	1.0	1.5	1.1	1.2
Effingham	10.2	17.0	14.7	14.0	Morgan	7.4	11.0	8.3	8.9	Wilkes	1.9	2.4	1.3	1.9
Elbert	4.6	6.8	5.0	5.5	Murray	6.8	12.1	11.2	10.1	Wilkinson	1.6	2.5	2.1	2.1
Emanuel	3.7	4.7	2.6	3.7	Muscogee	22.5	34.7	28.5	28.6	Worth	2.6	4.2	3.5	3.4

\*Units: Millions of 2024 Dollars. Totals and averages may not correspond to impacts due to rounding.

**Table A2.2.6: Method 2 County-Level Population Impacts (Annual and Three-Year Averages)**

County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg	County	Year 1	Year 2	Year 3	Avg
Appling	15	30	33	26	Evans	9	18	19	15	Newton	184	463	639	429
Atkinson	7	14	16	12	Fannin	29	74	104	69	Oconee	64	143	177	128
Bacon	9	18	20	16	Fayette	160	396	542	366	Oglethorpe	22	49	59	43
Baker	2	5	6	4	Floyd	95	236	322	218	Paulding	182	462	645	430
Baldwin	46	105	132	94	Forsyth	355	900	1,255	837	Peach	31	70	89	63
Banks	23	58	80	54	Franklin	30	75	103	69	Pickens	39	100	142	94
Barrow	133	298	370	267	Fulton	1,702	4,076	5,378	3,719	Pierce	17	35	39	30
Bartow	112	281	387	260	Gilmer	36	92	130	86	Pike	26	64	87	59
Ben Hill	13	27	30	23	Glascocock	3	7	7	6	Polk	44	110	151	102
Berrien	14	29	32	25	Glynn	67	156	202	142	Pulaski	8	16	19	14
Bibb	163	371	468	334	Gordon	57	140	191	129	Putnam	25	59	75	53
Bleckley	10	21	25	19	Grady	19	44	56	40	Quitman	1	3	4	3
Brantley	16	32	36	28	Greene	29	64	79	57	Rabun	22	55	75	50
Brooks	12	26	29	22	Gwinnett	1,532	3,840	5,280	3,551	Randolph	4	9	11	8
Bryan	40	95	127	87	Habersham	60	149	204	138	Richmond	208	408	431	349
Bulloch	74	155	176	135	Hall	269	671	922	621	Rockdale	145	362	495	334
Burke	25	48	50	41	Hancock	9	21	26	19	Schley	3	6	8	6
Butts	34	84	115	77	Haralson	31	78	108	72	Screven	15	30	32	25
Calhoun	4	9	12	8	Harris	25	57	73	51	Seminole	7	16	20	14
Camden	45	105	137	96	Hart	34	84	115	78	Spalding	88	217	296	200
Candler	9	20	22	17	Heard	15	37	50	34	Stephens	33	82	112	76
Carroll	165	411	566	380	Henry	325	808	1,109	747	Stewart	5	12	16	11
Catoosa	67	166	226	153	Houston	181	417	531	376	Sumter	18	41	51	37
Charlton	11	24	27	21	Irwin	7	15	17	13	Talbot	4	8	10	7
Chatham	232	538	697	489	Jackson	123	278	346	249	Taliaferro	2	3	4	3
Chattahoochee	6	13	17	12	Jasper	17	40	52	36	Tattnall	19	39	44	34
Chattooga	24	60	82	55	Jeff Davis	13	26	30	23	Taylor	5	11	14	10
Cherokee	318	817	1,156	764	Jefferson	16	32	34	27	Telfair	10	21	24	18
Clarke	181	398	482	354	Jenkins	9	18	20	16	Terrell	7	15	19	13
Clay	2	4	5	4	Johnson	7	15	18	13	Thomas	35	81	104	73
Clayton	252	607	800	553	Jones	29	67	84	60	Tift	31	64	71	55
Clinch	6	11	13	10	Lamar	25	62	86	58	Toombs	23	46	52	40
Cobb	1,319	3,235	4,364	2,973	Lanier	8	17	20	15	Towns	17	42	57	38
Coffee	38	78	88	68	Laurens	38	82	96	72	Treutlen	5	10	12	9
Colquitt	35	79	100	71	Lee	26	60	77	54	Troup	90	220	298	203
Columbia	178	358	387	308	Liberty	50	117	151	106	Turner	7	14	16	12
Cook	13	26	29	23	Lincoln	8	16	18	14	Twiggs	8	18	23	16
Coweta	205	512	707	475	Long	14	34	45	31	Union	31	77	105	71
Crawford	12	27	33	24	Lowndes	92	189	212	165	Upson	35	87	117	80
Crisp	12	28	35	25	Lumpkin	46	117	163	108	Walker	67	168	230	155
Dade	16	39	54	36	McDuffie	23	45	48	38	Walton	150	335	414	300
Dawson	39	99	139	93	McIntosh	9	21	27	19	Ware	30	62	70	54
Decatur	22	50	64	45	Macon	8	17	21	15	Warren	6	11	12	10
DeKalb	1,312	3,181	4,249	2,914	Madison	45	100	123	89	Washington	20	45	56	40
Dodge	15	31	36	28	Marion	5	11	14	10	Wayne	26	54	61	47
Dooly	7	15	19	14	Meriwether	27	67	92	62	Webster	2	3	4	3
Dougherty	62	141	179	127	Miller	4	10	12	9	Wheeler	6	12	14	11
Douglas	251	616	833	567	Mitchell	16	37	46	33	White	38	94	131	88
Early	8	18	22	16	Monroe	31	72	92	65	Whitfield	108	269	368	248
Echols	3	6	6	5	Montgomery	7	14	17	13	Wilcox	7	15	18	13
Effingham	55	131	173	120	Morgan	30	66	81	59	Wilkes	10	19	21	17
Elbert	27	60	72	53	Murray	42	105	145	97	Wilkinson	9	21	26	19
Emanuel	24	47	50	41	Muscogee	137	309	392	279	Worth	15	33	42	30

\*Units: Individuals. Totals and averages may not correspond to impacts due to rounding.

# Appendix III: Alternative Results (Urban Institute)

## Methodology

REMI estimated the economic impacts over the first three years and over the first ten years of an expansion based on forecasted changes in federal and state spending from the Urban Institute. REMI used the model’s detailed baseline forecast to translate the total changes into new health care spending distributed by district, year, and category. REMI also translated the changes in net state costs into compensating shifts in state government spending. This appendix displays the corresponding results.<sup>9</sup>

Table A3.1 summarizes these forecasts and compares them to the DOAA fiscal note. The latter estimates a significantly larger increase in total spending and higher net state costs starting in Year 2, which is primarily driven by differences between the enrollment forecasts as discussed below. It does also estimate additional state revenue and savings to state expenditures that bring down net state costs somewhat, which the Urban Institute forecast does not do.

**Table A3.1: Components of the Projected Change in Health Care Spending and Net State Costs, Urban Institute & DOAA Fiscal Note**

Category	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
<i>Urban Institute</i>										
Total Spending on Health Care in Georgia	3,179.9	3,308.4	3,442.2	3,581.3	3,726.0	3,876.6	4,033.2	4,196.2	4,365.7	4,542.0
Federal Spending on Health Care in Georgia	3,557.4	3,700.5	3,201.3	3,330.2	3,464.3	3,603.8	3,749.0	3,899.9	4,056.9	4,220.3
Medicaid	5,516.0	5,736.6	5,317.9	5,530.6	5,751.8	5,981.9	6,221.2	6,470.0	6,728.8	6,998.0
Marketplace PTC	-1,875.2	-1,950.2	-2,028.3	-2,109.4	-2,193.8	-2,281.5	-2,372.8	-2,467.7	-2,566.4	-2,669.0
Uncompensated Care	-83.3	-85.8	-88.4	-91.0	-93.8	-96.6	-99.5	-102.5	-105.5	-108.7
Georgia Spending on Health Care	-377.5	-392.1	240.9	251.1	261.7	272.7	284.2	296.2	308.7	321.7
Medicaid	-325.5	-338.5	296.1	308.0	320.3	333.1	346.4	360.3	374.7	389.7
Uncompensated Care	-52.1	-53.6	-55.2	-56.9	-58.6	-60.4	-62.2	-64.0	-66.0	-67.9
Additional Contributions to Net State Cost	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Reinsurance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net State Cost	-377.5	-392.1	240.9	251.1	261.7	272.7	284.2	296.2	308.7	321.7
<i>DOAA Fiscal Note</i>										
Total Spending on Health Care in Georgia	3,055.4	6,311.1	6,529.5							
Federal Spending on Health Care in Georgia	3,440.7	6,373.4	5,882.9							
Medicaid - Premiums (Federal)	2,753.7	5,686.4	5,882.9							
Additional Federal Match	687.0	687.0	0.0							
Georgia Spending on Health Care	-385.3	-62.3	646.6							
Medicaid - Premiums (State)	301.8	624.7	646.6							
Additional Federal Match (Reduced State Expenditures for DCH)	-687.0	-687.0	0.0							
Additional Contributions to Net State Cost	-89.6	-130.8	-128.9							
Georgia Access/Reinsurance	0.0	24.3	24.3							
Additional Reduced State Expenditures	-49.5	-76.7	-76.7							
Additional State Revenue	-40.1	-78.4	-76.5							
Net State Cost	-474.8	-193.1	517.7							

*\*Units: Millions of Nominal Dollars. Totals may not correspond to components due to rounding. The DOAA fiscal note forecast is the average of its Method 1 and Method 2 forecasts from Tables 1 and 3 to be consistent with the main results methodology. Additional table notes and information regarding those estimates are available in the fiscal note. The Urban Institute forecast was based on the 2023 calibration of its Health Insurance Policy Simulation Model (HIPSM). Urban Institute Table Notes: Includes the American Rescue Plan Act of 2021’s incentive provision for Medicaid expansion which increases Georgia’s FMAP for traditional Medicaid beneficiaries by 5 percentage points for 2024 and 2025. The incentive shifts \$0.6 billion in costs from Georgia to the federal government in each of those years. Increases in state spending after 2026 would be fully or largely offset by savings in other areas and potential new revenue which are not estimated here.*

<sup>9</sup> The 10-year county-level results are read analogously to Appendix II (see fn. 8), and include Year 1-3 and Year 1-10 averages.

Table A3.2 compares the Urban Institute and DOAA fiscal note enrollment forecasts. Their totals are fairly comparable in Year 1, with the key difference being the latter estimating a smaller decrease in the uninsured population. However, the DOAA fiscal note forecast subsequently doubles its total from Year 1 to account for its assumed two-year ramp-up period, while the Urban Institute forecast is constant.

**Table A3.2: Components of the Projected Change in Medicaid Enrollment, Urban Institute & DOAA Fiscal Note**

Category	Year 1	Year 2	Year 3
<i>Urban Institute</i>			
Total	671.3	671.3	671.3
Uninsured	293.0	293.0	293.0
Private Nongroup	309.2	309.2	309.2
Marketplace with Subsidies	314.5	314.5	314.5
Full-Pay Nongroup (including STLD)	-5.3	-5.3	-5.3
Employer	69.1	69.1	69.1
<i>DOAA Fiscal Note</i>			
Total	529.4	1,058.8	1,058.8
Uninsured	147.2	294.3	294.3
Marketplace	344.5	689.1	689.1
Employer	37.7	75.5	75.5
<p><i>*Units: Thousands of Individuals. Totals may not correspond to components due to rounding. The DOAA fiscal note forecast is the average of its Method 1 and Method 2 forecasts from Table 2 to be consistent with the main results methodology. Additional table notes and information regarding those estimates are available in the fiscal note. The Urban Institute forecast was based on the 2023 calibration of its Health Insurance Policy Simulation Model (HIPSM). Urban Institute Table Notes: Includes full ESI crowd-out.</i></p>			



## Results

**Table A3.3.1: Urban Institute State-Level Economic Impacts (Annual, Three-Year Averages, and Ten-Year Averages)**

Category	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Year Average	10-Year Average
Total Employment	38,668	40,720	28,985	28,254	27,201	26,251	25,464	24,846	24,563	24,395	36,125	28,935
<i>Selected Key Industries</i>												
Ambulatory health care services	8,407	8,260	7,702	7,681	7,651	7,640	7,644	7,668	7,708	7,760	8,123	7,812
Hospitals	4,298	4,290	4,181	4,159	4,136	4,111	4,084	4,061	4,041	4,024	4,256	4,138
Retail trade	4,356	4,512	3,734	3,652	3,528	3,413	3,315	3,233	3,192	3,166	4,200	3,610
Construction	3,542	4,557	3,390	2,937	2,430	1,959	1,563	1,251	1,036	888	3,830	2,355
Administrative and support services	2,140	2,157	1,663	1,626	1,575	1,534	1,505	1,483	1,480	1,477	1,987	1,664
Food services and drinking places	1,445	1,609	1,361	1,433	1,464	1,488	1,507	1,523	1,547	1,569	1,472	1,494
State and local government	3,926	4,641	-992	-993	-1,030	-1,087	-1,151	-1,214	-1,272	-1,327	2,525	-50
Nursing and residential care facilities	881	882	850	843	833	821	807	792	785	782	871	828
Wholesale trade	803	824	632	612	585	562	544	528	525	523	753	614
Chemical manufacturing	91	87	77	74	72	70	68	67	66	66	85	74
Economic Output	6,961.9	7,471.7	5,539.6	5,502.1	5,393.9	5,308.2	5,258.0	5,238.1	5,287.6	5,357.2	6,657.7	5,731.8
Gross Domestic Product (GDP)	4,076.3	4,395.3	3,264.8	3,262.4	3,206.9	3,160.1	3,130.1	3,124.8	3,137.2	3,170.2	3,912.1	3,392.8
Personal Income	2,707.6	2,810.8	2,189.5	2,286.3	2,289.8	2,291.7	2,298.1	2,309.9	2,341.6	2,379.4	2,569.3	2,390.5
Population	12,148	21,424	24,981	27,857	29,961	31,493	32,626	33,491	34,219	34,852	19,518	28,305
<p><i>*Units: Total Employment - Jobs; Economic Output, GDP, Personal Income - Millions of 2024 Dollars; Population - Individuals. Averages may not correspond to impacts due to rounding. State and local government impacts exclude public hospitals, which are included in the Hospitals impacts. The 3-year averages correspond to Years 1-3, while the 10-year averages correspond to Years 1-10.</i></p>												

**Table A3.3.2: Urban Institute County-Level Total Employment Impacts (Annual, Three-Year Averages, and Ten-Year Averages)**

County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	
Appling	41	44	18	17	16	15	14	14	13	13	34	20	Jefferson	31	34	8	7	6	5	4	4	3	3	3	24	10
Atkinson	10	10	3	3	2	2	2	2	2	2	8	4	Jenkins	13	14	4	4	4	3	3	3	3	3	3	10	6
Bacon	16	17	7	6	6	6	6	6	6	5	13	8	Johnson	12	13	5	5	5	4	4	4	4	4	4	10	6
Baker	3	3	2	2	2	1	1	1	1	1	3	2	Jones	46	50	29	27	26	25	24	23	22	22	41	29	
Baldwin	160	170	93	93	91	89	88	87	85	85	141	104	Lamar	28	31	20	19	18	17	16	15	15	15	26	20	
Banks	36	40	29	28	27	26	25	24	24	24	35	28	Lanier	10	11	3	3	2	2	2	1	1	1	8	4	
Barrow	230	255	130	124	116	109	103	98	96	94	205	136	Laurens	151	158	97	95	92	90	87	86	84	83	135	102	
Bartow	268	293	230	224	214	205	198	191	188	186	264	220	Lee	64	68	46	45	43	42	41	40	39	38	59	47	
Ben Hill	25	27	11	10	10	9	9	9	9	8	21	13	Liberty	89	93	55	54	53	52	51	50	49	49	79	59	
Berrien	17	19	6	6	5	5	4	4	4	4	14	7	Lincoln	14	15	4	3	3	3	2	2	2	2	11	5	
Bibb	727	748	540	535	526	519	512	508	504	503	672	562	Long	11	12	5	5	5	4	4	4	4	4	9	6	
Bleckley	24	26	10	9	9	9	8	8	8	7	20	12	Lowndes	282	302	143	138	131	127	123	120	118	117	242	160	
Brantley	18	19	4	4	3	3	2	2	2	1	14	6	Lumpkin	79	90	60	59	57	54	52	50	49	49	76	60	
Brooks	21	22	11	11	10	10	10	9	9	9	18	12	McDuffie	48	51	16	15	14	13	12	12	11	11	39	20	
Bryan	72	77	50	49	48	48	47	47	46	46	66	53	McIntosh	11	12	6	6	5	5	5	5	5	5	10	6	
Bulloch	212	228	87	83	79	76	73	70	68	67	176	104	Macon	18	18	10	10	10	10	10	10	9	9	16	12	
Burke	91	104	35	27	21	17	14	11	10	9	77	34	Madison	51	56	22	20	18	16	14	13	12	11	43	23	
Butts	60	66	47	46	45	43	42	41	40	40	58	47	Marion	4	5	1	1	1	1	1	1	1	1	3	2	
Calhoun	8	9	4	4	3	3	3	2	2	2	7	4	Meriwether	45	49	36	35	33	32	30	29	28	28	43	35	
Camden	78	82	52	51	50	49	48	47	47	47	71	55	Miller	10	11	4	4	4	3	3	3	3	3	9	5	
Candler	23	25	8	8	7	6	6	6	5	5	19	10	Mitchell	26	28	14	14	13	12	12	11	11	11	23	15	
Carroll	397	429	330	325	317	308	300	294	291	289	386	328	Monroe	72	79	36	34	32	30	29	28	27	26	62	39	
Catoosa	122	132	103	100	96	92	89	86	85	84	119	99	Montgomery	8	9	3	2	2	2	2	2	1	1	7	3	
Charlton	10	11	3	3	3	3	2	2	2	2	8	4	Morgan	70	77	34	33	30	28	26	25	24	24	60	37	
Chatham	893	927	666	659	647	636	628	623	619	618	829	692	Murray	37	39	31	29	28	26	25	24	24	23	36	29	
Chattahoochee	8	8	4	4	4	4	4	4	4	4	7	5	Muscogee	531	541	372	374	370	368	365	363	361	360	481	400	
Chattooga	28	31	21	21	20	19	18	17	16	16	27	21	Newton	286	306	254	247	238	229	222	216	213	212	282	242	
Cherokee	670	732	633	618	597	576	558	544	539	536	678	600	Oconee	164	176	101	99	95	91	88	86	85	84	147	107	
Clarke	833	893	344	336	321	307	295	285	279	274	690	417	Oglethorpe	23	26	9	8	7	6	5	4	4	3	19	9	
Clay	6	6	4	4	4	3	3	3	3	3	5	4	Paulding	314	348	282	277	267	258	249	243	240	238	315	271	
Clayton	971	1,009	766	735	696	660	631	609	593	584	915	725	Peach	64	70	34	33	32	30	29	28	27	26	56	37	
Clinch	10	10	2	2	2	2	1	1	1	1	7	3	Pickens	78	86	74	73	70	67	65	63	62	61	80	70	
Cobb	3,996	4,186	3,378	3,263	3,115	2,985	2,881	2,794	2,771	2,755	3,853	3,212	Pierce	24	26	9	8	7	7	6	6	5	5	20	10	
Coffee	110	117	58	56	53	51	50	49	48	47	95	64	Pike	30	35	24	23	22	20	19	18	17	16	30	22	
Colquitt	68	73	36	35	33	31	30	29	28	28	59	39	Polk	71	78	60	59	56	54	52	50	49	48	70	58	
Columbia	363	385	174	167	158	151	147	144	142	141	308	197	Pulaski	28	29	20	20	19	19	19	19	18	18	26	21	
Cook	22	25	8	7	6	6	5	5	5	5	18	9	Putnam	51	57	29	27	26	24	23	22	22	21	46	30	
Coweta	471	501	403	399	390	381	373	368	366	366	458	402	Quitman	2	2	1	1	1	1	1	1	1	1	2	1	
Crawford	13	14	7	7	7	7	6	6	6	6	12	8	Rabun	54	59	46	45	43	41	39	38	37	36	53	44	
Crisp	50	50	34	34	34	34	33	33	33	33	45	37	Randolph	7	7	3	3	3	3	3	3	3	3	5	3	
Dade	21	23	17	17	16	15	15	15	14	14	20	17	Richmond	853	889	342	330	314	303	293	287	281	277	694	417	
Dawson	83	92	71	70	67	65	63	61	61	60	82	69	Rockdale	338	359	299	289	277	266	257	250	246	244	332	282	
Decatur	46	50	27	27	26	25	24	24	23	23	41	29	Schley	5	5	1	1	1	1	1	1	1	1	4	2	
DeKalb	3,579	3,702	2,929	2,862	2,763	2,674	2,600	2,538	2,515	2,499	3,403	2,866	Screven	22	24	3	2	2	1	1	1	1	0	16	6	
Dodge	52	54	30	29	28	28	27	26	26	25	45	32	Seminole	15	15	10	10	10	10	10	9	9	9	13	11	
Dooly	10	10	4	4	4	4	4	4	4	4	8	5	Spalding	227	241	178	176	172	168	164	161	160	159	216	181	
Dougherty	276	287	204	202	199	195	193	191	189	188	256	212	Stephens	58	62	44	43	41	39	38	37	36	35	55	43	
Douglas	503	528	418	406	389	373	360	350	346	344	483	402	Stewart	17	18	14	14	14	14	14	14	14	14	16	15	
Early	28	29	18	18	17	16	16	15	15	15	25	19	Sumter	60	61	37	37	36	36	36	36	35	35	53	41	
Echols	4	4	1	1	1	0	0	0	0	0	3	1	Talbot	4	5	2	2	1	1	1	1	1	1	4	2	
Effingham	83	90	53	52	51	50	48	48	47	47	76	57	Taliaferro	2	3	0	0	0	0	-1	-1	-1	-1	1	0	
Elbert	47	51	19	18	16	15	13	12	12	11	39	21	Tattnell	52	54	28	27	26	25	24	24	23	23	45	31	
Emanuel	52	55	12	11	10	9	8	7	7	7	40	18	Taylor	9	10	4	4	4	4	4	4	4	4	8	5	
Evans	22	23	11	11	10	10	9	9	9	9	19	12	Telfair	15	16	5	5	5	4	4	4	4	4	12	7	
Fannin	68	76	66	64	61	57	54	52	51	50	70	60	Terrell	10	11	6	5	5	5	5	5	4	4	9	6	
Fayette	466	499	399	391	378	366	357	351	348	347	454	390	Thomas	135	141	99	98	96	94	92	91	90	89	125	102	
Floyd	308	324																								

**Table A3.3.3: Urban Institute County-Level Economic Output Impacts (Annual, Three-Year Averages, and Ten-Year Averages)**

County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	
Appling	9.2	9.7	4.9	4.9	4.7	4.7	4.6	4.6	4.7	4.7	7.9	5.7	Jefferson	4.7	5.1	1.6	1.4	1.2	1.1	1.0	0.9	0.9	0.9	3.8	1.9	
Atkinson	1.4	1.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	1.1	0.5	Jenkins	1.7	1.8	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	1.4	0.8	
Bacon	3.7	3.9	2.4	2.5	2.5	2.4	2.5	2.5	2.5	2.6	3.3	2.7	Johnson	1.3	1.4	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	1.1	0.7	
Baker	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	Jones	5.9	6.5	3.7	3.6	3.4	3.4	3.3	3.2	3.2	3.2	5.3	3.9	
Baldwin	20.4	22.2	12.3	12.5	12.5	12.4	12.5	12.6	12.8	12.8	18.3	14.3	Lamar	4.2	4.8	3.2	3.1	3.0	2.8	2.7	2.6	2.6	2.5	4.0	3.2	
Banks	4.6	5.2	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.3	4.5	3.8	Lanier	1.1	1.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.9	0.4	
Barrow	36.9	41.6	22.2	21.5	20.3	19.4	18.8	18.3	18.2	18.3	33.6	23.5	Laurens	19.0	20.3	11.4	11.2	11.0	10.9	10.8	10.8	10.8	10.8	16.9	12.7	
Bartholomew	44.7	49.5	39.5	38.8	37.5	36.4	35.6	35.0	35.0	35.3	44.5	38.7	Lee	7.0	7.8	5.1	5.0	4.8	4.7	4.6	4.6	4.6	4.6	6.6	5.3	
Ben Hill	4.1	4.4	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	3.5	2.5	Liberty	13.8	14.6	10.2	10.2	10.0	9.9	9.8	9.8	9.8	9.8	9.9	12.9	10.8
Berrien	2.3	2.6	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	1.9	1.1	Lincoln	1.6	1.8	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	1.3	0.5	
Bibb	115.3	121.4	93.0	94.3	94.9	95.7	96.7	98.1	99.6	101.4	109.9	101.1	Long	1.3	1.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	1.2	0.7	
Bleckley	2.6	2.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	2.2	1.2	Lowndes	42.9	46.8	24.5	23.8	23.0	22.6	22.3	22.4	22.4	22.8	38.1	27.4	
Brantley	2.1	2.4	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3	1.7	0.8	Lumpkin	11.0	12.7	8.8	8.7	8.4	8.1	7.8	7.6	7.6	7.6	10.8	8.8	
Brooks	3.4	3.6	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	3.0	2.2	McDuffie	6.4	6.8	2.4	2.2	2.0	1.9	1.8	1.8	1.8	1.8	5.2	2.9	
Bryan	11.8	13.5	8.7	8.6	8.4	8.1	8.0	7.9	7.9	7.9	11.3	9.1	McIntosh	1.7	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.2	
Bulloch	31.4	34.2	14.1	13.6	13.2	12.8	12.6	12.6	12.5	12.7	26.5	17.0	Macon	2.5	2.6	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	2.2	1.7	
Burke	27.4	31.5	12.1	9.8	7.8	6.5	5.6	5.0	4.7	4.6	23.7	11.5	Madison	6.7	7.5	3.0	2.9	2.6	2.4	2.3	2.1	2.1	2.0	5.7	3.4	
Butts	9.2	10.3	7.7	7.7	7.6	7.5	7.4	7.3	7.3	7.4	9.0	7.9	Marion	0.6	0.7	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.5	0.3	
Calhoun	0.8	0.9	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.7	0.4	Meriwether	7.7	8.5	6.6	6.5	6.4	6.2	6.1	6.1	6.1	6.1	7.6	6.6	
Camden	11.0	12.0	8.3	8.3	8.2	8.2	8.2	8.3	8.4	10.4	8.9	Miller	1.7	1.8	0.7	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	1.4	0.9	
Candler	3.0	3.3	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	2.5	1.4	Mitchell	4.2	4.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3	3.7	2.7	
Carroll	72.1	79.4	64.5	64.7	64.1	63.6	63.3	63.4	63.9	64.9	72.0	66.4	Monroe	14.0	15.4	8.1	8.0	7.8	7.6	7.4	7.3	7.3	7.3	12.5	9.0	
Catoosa	17.0	18.7	15.0	14.7	14.3	14.0	13.7	13.5	13.5	13.6	16.9	14.8	Montgomery	1.0	1.1	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.5	
Charlton	1.3	1.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	1.1	0.6	Morgan	11.1	12.3	5.9	5.7	5.3	5.0	4.8	4.6	4.6	4.6	9.8	6.4	
Chatham	165.1	175.7	134.5	135.7	135.9	136.4	137.6	139.4	141.4	143.9	158.4	144.6	Murray	5.8	6.2	4.9	4.8	4.5	4.4	4.3	4.2	4.2	4.2	5.6	4.7	
Chattahoochee	1.0	1.1	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.9	0.7	Muscogee	78.2	80.4	60.4	61.5	62.1	62.7	63.4	64.4	65.2	66.3	73.0	66.5	
Chattooga	4.2	4.6	3.2	3.1	3.1	2.9	2.9	2.8	2.8	2.8	4.0	3.2	Newton	38.0	41.9	35.2	34.7	34.0	33.1	32.5	32.2	32.3	32.6	38.4	34.7	
Cherokee	100.7	114.4	102.5	101.6	99.5	97.3	95.7	94.7	95.1	96.0	105.9	99.7	Oconee	25.0	27.5	16.5	16.3	15.8	15.4	15.2	15.1	15.1	15.3	23.0	17.7	
Clarke	142.9	155.0	68.1	67.9	66.7	65.7	65.1	64.9	65.3	66.0	122.0	82.8	Oglethorpe	3.2	3.6	1.5	1.4	1.2	1.1	1.0	0.9	0.9	0.9	2.7	1.6	
Clay	0.6	0.6	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.4	Paulding	39.9	45.7	37.2	37.0	36.1	35.2	34.5	34.1	34.1	34.3	41.0	36.8	
Clayton	152.8	162.4	124.3	121.6	117.0	112.9	110.1	108.2	107.8	108.2	146.5	122.6	Peach	9.6	10.7	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.4	8.7	6.4	
Clinch	1.3	1.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	1.0	0.5	Pickens	14.4	15.9	14.3	14.3	14.2	14.1	14.0	13.9	14.1	14.2	14.9	14.3	
Cobb	747.5	797.6	666.1	658.6	643.4	631.6	624.7	620.5	628.9	638.4	737.1	665.7	Pierce	3.6	4.0	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.2	3.0	1.8	
Coffee	16.1	17.1	9.4	9.3	9.1	9.0	9.1	9.1	9.1	9.1	14.2	10.7	Pike	4.3	5.1	3.7	3.6	3.4	3.2	3.0	2.8	2.7	2.7	4.4	3.4	
Colquitt	10.8	11.6	5.8	5.7	5.5	5.4	5.3	5.3	5.2	5.3	9.4	6.6	Polk	10.7	11.9	9.2	9.1	8.9	8.6	8.4	8.4	8.4	8.4	10.6	9.2	
Columbia	55.3	60.4	27.0	25.6	24.2	23.3	22.8	22.7	22.8	23.1	47.6	30.7	Pulaski	3.4	3.6	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	3.2	2.7	
Cook	3.1	3.5	1.2	1.1	0.9	0.9	0.8	0.8	0.8	0.8	2.6	1.4	Putnam	6.9	8.0	4.1	4.0	3.8	3.6	3.5	3.4	3.3	3.3	6.3	4.4	
Coweta	76.4	84.9	70.1	70.2	69.3	68.5	68.0	68.0	68.6	69.5	77.2	71.4	Quitman	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	
Crawford	1.1	1.2	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.6	Rabun	7.5	8.3	6.5	6.5	6.2	5.9	5.8	5.6	5.6	5.6	7.5	6.4	
Crisp	7.9	8.2	5.8	5.9	5.9	6.0	6.1	6.2	6.3	6.4	7.3	6.5	Randolph	1.2	1.2	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	1.0	0.7	
Dade	3.2	3.5	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2.4	3.1	2.7	Richmond	133.1	140.6	63.5	62.4	61.0	60.4	60.1	60.4	60.8	61.5	112.4	76.4	
Dawson	12.8	14.6	11.7	11.6	11.3	11.0	10.8	10.7	10.7	10.8	13.1	11.6	Rockdale	51.6	55.8	47.5	46.9	46.1	45.2	44.7	44.4	44.7	45.2	51.6	47.2	
Decatur	6.7	7.4	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.7	6.1	4.5	Schley	0.9	1.0	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.4	
DeKalb	583.8	621.4	501.3	501.0	493.7	488.0	484.9	483.5	488.8	495.0	568.9	514.1	Screven	3.4	3.6	0.8	0.7	0.5	0.5	0.4	0.4	0.4	0.4	2.6	1.1	
Dodge	4.4	4.7	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	3.7	2.3	Seminole	2.2	2.3	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.7	2.1	1.8	
Dooley	1.8	1.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.5	1.0	Spalding	30.1	32.7	24.5	24.7	24.5	24.4	24.3	24.3	24.6	25.0	29.1	25.9	
Dougherty	45.5	48.1	35.9	36.3	36.5	36.7	37.0	37.4	37.9	38.5	43.2	39.0	Stephens	9.5	10.4	7.7	7.5	7.3	7.1	6.9	6.8	6.8	6.8	9.2	7.7	
Douglas	77.0	83.1	67.0	66.3	64.6	63.2	62.3	61.6	62.1	62.9	75.7	67.0	Stewart	2.4	2.5	2.0	2.0	2.1	2.1	2.2	2.3	2.3	2.3	2.4	2.3	
Early	4.8	5.2	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	4.5															

**Table A3.3.4: Urban Institute County-Level GDP Impacts (Annual, Three-Year Averages, and Ten-Year Averages)**

County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	
Appling	5.7	6.0	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	4.9	3.6	Jefferson	2.7	3.0	0.9	0.8	0.7	0.6	0.6	0.6	0.5	0.5	2.2	1.1	
Atkinson	0.8	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.6	0.3	Jenkins	1.0	1.1	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.5	
Bacon	2.1	2.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.9	1.5	Johnson	0.8	0.9	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.7	0.4	
Baker	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	Jones	3.5	3.9	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	3.2	2.4	
Baldwin	12.4	13.5	7.5	7.7	7.7	7.7	7.7	7.8	7.8	7.9	11.1	8.7	Lamar	2.2	2.6	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.4	2.1	1.7	
Banks	2.7	3.0	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.6	2.2	Lanier	0.7	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.2	
Barrow	21.3	24.1	12.7	12.4	11.8	11.4	10.9	10.7	10.7	10.7	19.3	13.7	laurens	11.1	12.0	6.8	6.7	6.6	6.5	6.4	6.4	6.4	6.4	10.0	7.5	
Bartow	24.8	27.7	22.2	22.0	21.4	20.8	20.4	20.1	20.0	20.1	24.9	22.0	Lee	4.2	4.6	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.8	4.0	3.2	
Ben Hill	2.2	2.4	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.9	1.4	Liberty	8.2	8.7	6.1	6.1	6.0	6.0	5.9	6.0	5.9	6.0	7.7	6.5	
Berrien	1.3	1.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	1.1	0.6	Lincoln	0.9	1.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.8	0.3	
Bibb	68.7	72.7	55.9	57.0	57.4	57.9	58.3	59.3	59.8	60.6	65.8	60.8	Long	0.8	0.9	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.7	0.4	
Bleckley	1.6	1.8	0.6	0.5	0.5	0.5	0.4	0.5	0.4	0.4	1.3	0.7	Lowndes	25.7	28.1	15.1	14.8	14.4	14.1	14.0	14.1	14.0	14.2	23.0	16.9	
Brantley	1.2	1.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	1.0	0.4	Lumpkin	6.4	7.4	5.1	5.1	5.0	4.8	4.7	4.6	4.5	4.5	6.3	5.2	
Brooks	2.1	2.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.8	1.4	McDuffie	3.6	3.9	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	2.9	1.7	
Bryan	6.9	7.9	5.1	5.1	4.9	4.9	4.8	4.8	4.8	4.8	6.6	5.4	McIntosh	1.1	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.0	0.7	
Bulloch	18.9	20.6	8.5	8.3	8.1	7.9	7.7	7.8	7.7	7.7	16.0	10.3	Macon	1.4	1.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2	0.9	
Burke	15.1	17.4	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	13.1	6.5	Madison	4.0	4.5	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.3	3.5	2.0	
Butts	5.2	5.8	4.4	4.4	4.3	4.2	4.2	4.2	4.2	4.2	5.1	4.5	Marion	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	
Calhoun	0.4	0.5	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.2	Meriwether	4.3	4.7	3.6	3.7	3.6	3.5	3.4	3.4	3.4	3.5	4.2	3.7	
Camden	6.7	7.2	5.0	5.1	5.0	5.0	5.1	5.1	5.1	5.1	6.3	5.4	Miller	1.0	1.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.9	0.5	
Candler	1.7	2.0	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	1.5	0.8	Mitchell	2.3	2.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	2.1	1.6	
Carroll	39.7	44.0	35.8	36.2	36.0	35.7	35.6	35.6	35.8	36.3	39.8	37.1	Monroe	8.5	9.4	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.5	7.6	5.5	
Catoosa	10.3	11.3	9.1	9.1	8.9	8.6	8.5	8.4	8.4	8.4	10.2	9.1	Montgomery	0.6	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.3	
Charlton	0.8	0.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.6	0.3	Morgan	6.1	6.7	3.2	3.1	2.9	2.7	2.6	2.5	2.5	2.5	5.3	3.5	
Chatham	97.2	103.9	79.9	81.0	81.3	81.6	82.2	83.4	84.1	85.3	93.7	86.0	Murray	3.4	3.7	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.6	3.3	2.9	
Chattahoochee	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	Muscogee	46.5	48.1	36.1	36.9	37.3	37.6	38.0	38.5	38.8	38.8	39.3	43.5	39.7
Chattooga	2.3	2.5	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	2.2	1.8	Newton	21.4	23.7	20.0	19.9	19.5	19.1	18.7	18.6	18.6	18.7	21.7	19.8	
Cherokee	58.8	66.9	60.1	60.1	59.0	58.0	57.1	56.7	56.7	57.2	62.0	59.1	Oconee	15.0	16.5	10.1	10.0	9.8	9.5	9.4	9.4	9.4	9.5	13.9	10.9	
Clarke	85.4	93.3	40.1	40.3	39.5	38.9	38.5	38.4	38.3	38.6	72.9	49.1	Oglethorpe	1.9	2.2	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.5	1.6	1.0	
Clay	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	Paulding	23.7	27.0	22.0	22.0	21.5	21.1	20.7	20.5	20.5	20.6	24.2	22.0	
Clayton	83.7	89.8	69.2	68.1	65.7	63.5	61.9	60.7	60.3	60.3	80.9	68.3	Peach	5.2	5.8	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	4.6	3.3	
Clinch	0.7	0.8	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.6	0.3	Pickens	8.4	9.3	8.4	8.5	8.5	8.4	8.3	8.3	8.4	8.5	8.7	8.5	
Cobb	446.2	477.6	400.6	398.4	390.4	383.9	379.9	378.7	381.5	386.4	441.5	402.4	Pierce	2.1	2.3	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	1.8	1.1	
Coffee	9.3	10.0	5.5	5.5	5.4	5.4	5.3	5.4	5.4	5.5	8.2	6.3	Pike	2.4	2.8	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.5	2.4	1.9	
Colquitt	6.3	6.8	3.4	3.4	3.3	3.2	3.2	3.2	3.1	3.2	5.5	3.9	Polk	5.8	6.5	5.0	5.0	4.9	4.7	4.6	4.6	4.6	4.6	5.8	5.0	
Columbia	33.3	36.5	16.7	16.0	15.3	14.8	14.6	14.7	14.5	14.7	28.8	19.1	Pulaski	2.1	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9	1.6	
Cook	1.8	2.1	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	1.5	0.8	Putnam	4.0	4.5	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.9	3.6	2.5	
Coweta	44.9	50.0	41.5	41.8	41.4	41.0	40.7	40.9	41.0	41.5	45.4	42.5	Quitman	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
Crawford	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.4	Rabun	4.4	5.0	3.9	3.9	3.8	3.6	3.5	3.5	3.4	3.5	4.4	3.9	
Crisp	4.6	4.8	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.7	4.2	3.8	Randolph	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.4	
Dade	1.8	1.9	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.7	1.5	Richmond	79.0	84.0	37.6	37.2	36.3	36.0	35.8	36.0	36.0	36.2	66.9	45.4	
Dawson	7.4	8.5	6.8	6.8	6.7	6.5	6.4	6.3	6.3	6.4	7.6	6.8	Rockdale	29.7	32.3	27.7	27.6	27.2	26.7	26.3	26.2	26.3	26.5	29.9	27.6	
Decatur	4.0	4.4	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	3.6	2.7	Schley	0.5	0.5	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.4	0.2	
DeKalb	344.4	368.3	297.2	298.5	294.6	291.3	289.2	288.9	290.3	293.2	336.7	305.6	Screven	2.0	2.2	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	1.5	0.6	
Dodge	2.7	2.9	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	2.3	1.5	Seminole	1.3	1.3	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.0	
Dooley	0.9	1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.5	Spalding	18.2	19.9	15.1	15.3	15.2	15.2	15.1	15.3	15.3	15.5	17.8	16.0	
Dougherty	27.2	28.9	21.8	22.1	22.2	22.4	22.5	22.8	22.9	23.2	26.0	23.6	Stephens	5.5	6.0	4.5	4.5	4.3	4.3	4.1	4.1	4.1	4.1	5.3	4.5	
Douglas	45.0	48.8	39.5	39.3	38.5	37.8	37.3	37.0	37.2	37.6	44.4	39.8	Stewart	1.5	1.6	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	
Early	2.7	3.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	2.5	2.1	Sumter	5.5	5.7	3.7	3.8	3.8	3.9	3.9	3.9	3.9	4.0	5.0	4.2	
Echols																										

**Table A3.3.5: Urban Institute County-Level Personal Income Impacts (Annual, Three-Year Averages, and Ten-Year Averages)**

County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	
Appling	2.3	2.5	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	2.0	1.5	Jefferson	2.3	2.5	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	2.0	1.4	
Atkinson	0.9	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.6	Jenkins	1.1	1.2	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.7	
Bacon	1.3	1.4	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	1.2	0.9	Johnson	0.9	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.7
Baker	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	Jones	4.9	5.1	3.5	3.8	3.8	3.9	3.9	4.0	4.1	4.2	4.5	4.1	
Baldwin	6.7	7.1	4.9	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.2	5.8	Lamar	3.7	3.9	3.2	3.4	3.5	3.5	3.6	3.6	3.7	3.8	3.6	3.6	
Banks	3.9	4.2	3.5	3.7	3.7	3.7	3.8	3.8	3.9	4.0	3.9	3.8	Lanier	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.6
Barrow	21.1	23.0	14.1	15.3	15.3	15.3	15.3	15.4	15.6	15.8	19.4	16.6	Laurens	6.8	7.3	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.1	4.8	
Bartow	20.4	21.9	18.6	19.2	19.4	19.5	19.6	19.8	20.1	20.5	20.3	19.9	Lee	4.8	5.1	3.7	3.9	3.9	4.0	4.1	4.2	4.2	4.3	4.5	4.2	
Ben Hill	1.7	1.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.5	1.1	Liberty	7.0	7.1	5.3	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.5	6.1	
Berrien	1.9	2.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.2	Lincoln	1.3	1.4	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	1.1	0.8	
Bibb	27.7	28.9	19.9	21.2	21.5	21.9	22.3	22.7	23.1	23.7	25.5	23.3	Long	1.8	1.9	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.7	1.7	
Bleckley	1.6	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.2	Lowndes	13.8	15.0	7.1	7.5	7.4	7.3	7.3	7.3	7.3	7.4	12.0	8.8	
Brantley	1.9	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.3	Lumpkin	7.7	8.4	7.0	7.4	7.5	7.6	7.7	7.9	8.0	8.2	7.7	7.8	
Brooks	1.8	1.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.5	1.1	McDuffie	3.3	3.4	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6	2.7	1.9	
Bryan	7.3	7.7	5.9	6.4	6.7	7.0	7.3	7.6	7.9	8.3	7.0	7.2	McIntosh	1.4	1.4	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.3	1.3	
Bulloch	10.0	11.0	5.7	6.0	5.9	5.9	5.9	6.0	6.0	6.1	8.9	6.8	Macon	0.9	0.8	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	0.8	0.8	
Burke	3.4	3.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	2.8	1.9	Madison	7.1	7.7	4.6	5.0	5.0	4.9	4.9	4.9	4.9	4.9	6.5	5.4	
Butts	5.0	5.3	4.4	4.7	4.8	4.9	5.0	5.1	5.2	5.3	4.9	5.0	Marion	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5	
Calhoun	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	Meriwether	4.2	4.5	3.7	3.9	4.0	4.0	4.1	4.2	4.2	4.4	4.1	4.1	
Camden	6.4	6.6	4.9	5.3	5.4	5.6	5.7	5.9	6.1	6.3	6.0	5.8	Miller	0.8	0.9	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.7	
Candler	1.5	1.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.0	Mitchell	2.5	2.6	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.3	2.1	
Carroll	27.4	29.1	24.2	25.7	26.3	26.9	27.4	28.0	28.7	29.5	26.9	27.3	Monroe	6.0	6.4	4.4	4.7	4.8	4.9	5.0	5.1	5.2	5.4	5.6	5.2	
Catoosa	11.1	11.9	10.0	10.3	10.3	10.3	10.3	10.3	10.4	10.6	11.0	10.6	Montgomery	1.0	1.1	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.7
Charlton	1.2	1.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	1.1	0.8	Morgan	6.5	7.0	4.2	4.6	4.5	4.5	4.5	4.4	4.4	4.4	5.9	4.9	
Chatham	43.6	45.0	33.5	35.8	36.7	37.6	38.5	39.6	40.6	41.7	40.7	39.2	Murray	6.1	6.4	5.5	5.5	5.5	5.4	5.3	5.3	5.3	5.3	6.0	5.5	
Chattahoochee	0.7	0.7	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	Muscogee	19.9	19.2	14.3	16.3	17.2	18.2	19.2	20.2	21.0	21.9	17.8	18.8	
Chattooga	3.3	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.1	Newton	25.2	26.4	22.2	22.7	22.9	22.9	22.9	23.1	23.4	23.9	24.6	23.6	
Cherokee	79.4	86.3	76.1	79.0	80.5	81.6	82.8	84.0	86.1	88.3	80.6	82.4	Oconee	18.8	20.3	12.4	13.5	13.4	13.4	13.3	13.3	13.4	13.6	17.2	14.5	
Clarke	27.4	29.1	17.5	18.7	18.3	18.0	17.7	17.5	17.4	17.4	24.7	19.9	Oglethorpe	3.5	3.8	2.3	2.5	2.4	2.4	2.4	2.4	2.4	2.4	3.2	2.6	
Clay	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	Paulding	33.5	36.6	31.4	33.0	33.7	34.3	34.9	35.6	36.6	37.7	33.8	34.7	
Clayton	43.4	44.0	33.2	32.3	29.9	27.7	25.6	23.6	22.2	20.9	40.2	30.3	Peach	4.8	5.0	3.5	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.4	4.1	
Clinch	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.6	Pickens	8.8	9.5	8.3	8.6	8.8	8.8	8.9	9.0	9.2	9.4	8.9	8.9	
Cobb	288.8	289.4	238.0	245.7	244.6	243.9	244.2	244.6	248.7	252.8	272.1	254.1	Pierce	2.6	2.8	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	2.3	1.7	
Coffee	5.3	5.7	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.6	3.6	Pike	4.5	4.7	3.9	4.2	4.3	4.3	4.4	4.5	4.6	4.7	4.4	4.4	
Colquitt	5.0	5.3	3.8	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.7	4.3	Polk	6.5	7.0	5.9	6.2	6.2	6.3	6.3	6.4	6.5	6.6	6.5	6.4	
Columbia	35.1	37.5	16.8	18.2	17.9	17.9	18.0	18.3	18.5	18.9	29.8	21.7	Pulaski	1.3	1.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.1	0.9	
Cook	1.8	1.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.5	1.1	Putnam	4.8	5.1	3.6	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.2	
Coweta	42.9	45.9	38.4	40.9	42.0	43.0	44.0	45.1	46.4	47.8	42.4	43.6	Quitman	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Crawford	1.8	1.9	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.7	1.5	Rabun	4.2	4.4	3.7	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.1	3.9	
Crisp	1.7	1.6	1.2	1.4	1.4	1.4	1.5	1.6	1.7	1.8	1.9	1.5	Randolph	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5	
Dade	2.5	2.7	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	Richmond	30.7	32.0	14.0	15.0	14.6	14.4	14.3	14.3	14.3	14.3	14.5	25.6	17.8
Dawson	8.0	8.6	7.3	7.7	7.9	8.0	8.2	8.3	8.6	8.8	8.0	8.1	Rockdale	20.8	21.6	18.0	18.4	18.4	18.3	18.3	18.3	18.5	18.8	20.2	18.9	
Decatur	3.3	3.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	3.1	2.8	2.8	Schley	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	
DeKalb	247.8	247.3	201.6	209.7	208.9	208.7	209.0	209.7	212.8	216.1	232.3	217.2	Screven	2.0	2.1	0.9	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.6	1.2	
Dodge	2.3	2.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.0	1.6	Seminole	1.2	1.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	
Dooley	0.9	0.9	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.8	0.8	Spalding	13.4	14.1	11.6	12.2	12.4	12.5	12.7	12.9	13.1	13.4	13.0	12.8	
Dougherty	10.1	10.7	7.6	8.0	8.2	8.3	8.5	8.7	8.9	9.1	9.4	8.8	Stephens	5.2	5.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.8	5.1	4.8	
Douglas	34.8	35.0	28.8	29.8	29.8	29.8	29.9	30.0	30.6	31.2	32.9	31.0	Stewart	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.4	0.5	
Early	1.2	1.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.1	Sumter	2.4	2.3	1.7	1.9	2.0	2.1	2.2	2.2	2.5	2.6	2.1	2.2	
Echols	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	Talbot	0.5	0.5	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	
Effingham	9.0	9.5	7.2	7.8	8.2	8.5	8.9	9.3	9.6	10.0	8.6	8.8	Taliaferro	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	
Elbert	4.0	4.3	2.6	2.8	2.7	2.7	2.6	2.6	2.6	2.6	3.6	2.9	Tattnall	2.5	2.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.2	1.6	
Emanuel	3.2	3.3	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	2.7	1.9	Taylor	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5	
Evans	1.3	1.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.1	0.8	Telfair	1.2	1.2	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	0.8	
Fannin	5.4	5.8	5.1	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.4	5.4	Terrell	1.1	1.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.0	
Fayette	43.9	46.7	38.9	41.3	42.2	43.0	43.9	44.9	46.1	47.4	43.2															

**Table A3.3.6: Urban Institute County-Level Population Impacts (Annual, Three-Year Averages, and Ten-Year Averages)**

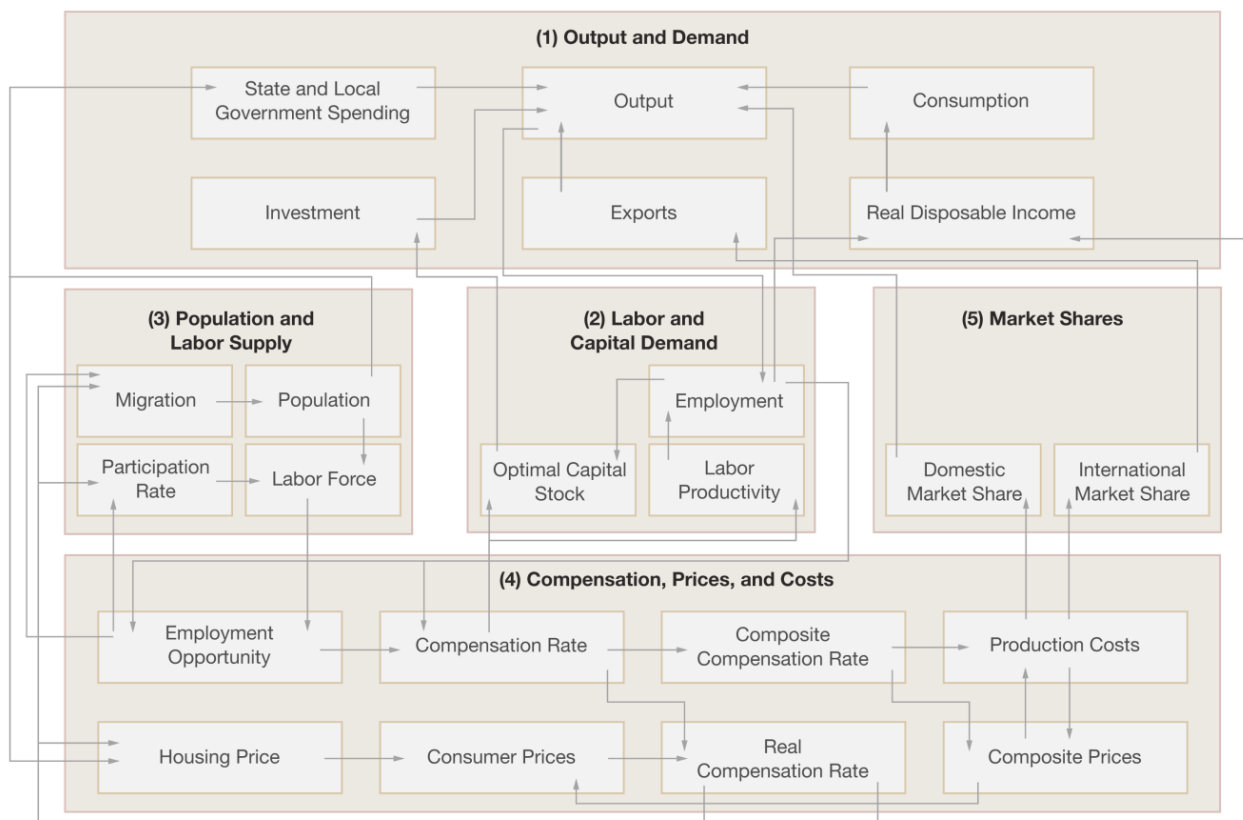
County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg	County	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	3-Yr Avg	10-Yr Avg
Appling	13	22	22	21	21	21	21	21	21	21	19	21	Jefferson	14	24	23	23	23	23	23	23	23	23	21	22
Atkinson	6	11	10	10	11	11	11	11	11	11	9	10	Jenkins	8	14	14	14	14	14	14	14	14	14	12	13
Bacon	8	13	13	13	13	13	13	13	13	13	11	13	Johnson	6	11	11	12	12	13	13	13	14	14	9	12
Baker	2	3	3	4	4	4	4	4	4	4	3	4	Jones	26	45	50	55	58	61	64	66	68	69	40	56
Baldwin	40	71	79	86	93	98	103	107	111	114	63	90	Lamar	22	40	48	55	61	65	69	72	75	78	37	59
Banks	21	37	45	52	57	61	65	68	70	73	34	55	Lanier	7	13	13	13	14	14	15	15	15	16	11	13
Barrow	116	213	232	253	270	284	295	304	312	319	187	260	Laurens	33	58	60	63	65	66	68	69	69	70	51	62
Bartow	99	178	217	248	272	291	306	319	330	340	165	260	Lee	23	40	45	50	54	57	60	62	64	66	36	52
Ben Hill	11	20	20	20	20	21	21	21	21	21	17	20	Liberty	45	77	88	98	108	115	122	128	133	138	70	105
Berrien	12	21	21	21	22	22	22	22	22	22	18	21	Lincoln	7	13	12	12	12	12	12	12	12	12	11	12
Bibb	144	251	279	304	325	343	358	371	382	392	224	315	Long	13	23	26	30	34	37	39	42	44	46	21	33
Bleckley	9	15	16	16	17	17	18	18	18	18	13	16	Lowndes	80	141	140	142	144	147	149	151	152	154	120	140
Brantley	14	24	24	24	24	25	25	25	25	26	20	23	Lumpkin	41	75	92	107	119	129	138	146	153	159	69	116
Brooks	11	19	19	19	19	20	20	20	20	20	16	19	McDuffie	20	34	33	33	32	32	32	32	32	32	29	31
Bryan	35	63	73	85	95	104	112	121	128	136	57	95	McIntosh	8	14	16	18	20	21	23	24	25	26	13	20
Bulloch	64	114	115	118	122	125	128	130	133	135	98	118	Macon	7	11	12	14	15	17	18	19	20	21	10	16
Burke	21	37	35	34	33	32	31	31	31	31	31	32	Madison	39	72	77	83	88	91	94	96	97	99	63	84
Butts	30	53	64	74	81	87	92	97	101	104	49	78	Marion	4	7	8	9	10	11	12	13	13	14	6	10
Calhoun	4	6	7	7	8	8	9	9	9	10	5	8	Meriwether	24	43	52	59	65	70	74	77	80	83	40	63
Camden	40	69	80	90	99	107	114	120	126	131	63	97	Miller	4	6	7	8	8	9	9	9	9	10	6	8
Candler	8	14	14	15	15	15	16	16	16	16	12	15	Mitchell	14	25	27	30	32	34	35	36	37	38	22	31
Carroll	146	261	318	366	406	438	465	488	510	529	242	393	Monroe	28	49	55	60	65	69	73	76	79	81	44	64
Catoosa	59	105	127	143	155	164	171	176	181	185	97	147	Montgomery	6	10	11	11	11	12	12	12	12	12	9	11
Charlton	10	17	17	18	18	19	19	19	20	20	15	18	Morgan	26	47	51	55	58	60	61	62	63	64	41	55
Chatham	205	354	404	454	496	532	563	592	617	639	321	486	Murray	38	66	80	90	98	103	107	109	111	113	61	91
Chattahoochee	5	9	10	11	12	13	14	15	16	16	8	12	Muscogee	121	204	230	260	289	316	341	364	385	404	185	291
Chattooga	22	38	46	52	56	59	62	64	65	67	35	53	Newton	164	292	357	405	439	462	478	488	496	503	271	409
Cherokee	283	509	638	745	831	903	964	1,016	1,065	1,111	477	807	Oconee	56	103	111	121	128	134	138	142	145	148	90	123
Clarke	159	284	303	324	338	349	356	360	364	367	249	320	Oglethorpe	19	35	37	40	42	44	45	46	47	47	30	40
Clay	2	3	3	3	4	4	4	5	5	5	2	4	Paulding	162	293	361	417	463	501	534	562	589	614	272	450
Clayton	224	387	448	492	514	521	520	513	503	490	353	461	Peach	27	48	53	58	63	67	70	73	75	77	43	61
Clinch	5	8	8	8	8	9	9	9	9	9	7	8	Pickens	35	63	78	91	102	110	118	124	130	135	59	99
Cobb	1,174	2,037	2,431	2,714	2,901	3,015	3,082	3,118	3,146	3,168	1,881	2,678	Pierce	15	26	26	26	26	27	27	27	27	27	22	25
Coffee	33	58	57	59	60	61	62	63	64	65	49	58	Pike	23	40	49	56	62	66	70	73	76	79	37	60
Colquitt	31	53	59	65	69	73	76	78	80	82	48	66	Polk	39	70	85	97	106	113	119	124	128	132	64	101
Columbia	154	275	267	270	272	276	279	283	286	290	232	265	Pulaski	7	12	12	13	13	13	14	14	14	14	10	13
Cook	11	20	19	19	20	20	20	20	20	20	17	19	Putnam	22	40	45	50	54	58	61	64	67	69	36	53
Coweta	182	325	397	459	509	551	586	616	644	670	302	494	Quitman	1	2	3	3	3	4	4	4	4	5	2	3
Crawford	11	18	20	21	22	23	24	24	25	25	16	21	Rabun	19	35	42	49	54	57	61	63	65	67	32	51
Crisp	11	18	20	23	25	27	30	32	33	35	16	25	Randolph	4	6	7	7	8	9	10	10	11	11	5	8
Dade	14	25	30	34	37	39	41	43	44	45	23	35	Richmond	180	313	298	294	291	290	289	288	288	287	264	282
Dawson	35	64	79	92	103	112	120	128	134	141	59	101	Rockdale	129	228	276	311	334	349	358	363	367	369	211	308
Decatur	19	34	38	41	44	47	49	50	52	53	30	43	Schley	2	4	5	5	6	6	7	7	8	8	4	6
DeKalb	1,166	2,023	2,387	2,656	2,830	2,941	3,010	3,050	3,080	3,102	1,859	2,625	Screven	13	23	22	22	22	22	22	22	22	22	19	21
Dodge	13	22	23	24	24	25	25	25	25	25	19	23	Seminole	6	11	12	13	14	15	15	16	16	17	10	13
Dooley	6	10	11	12	14	15	16	17	18	19	9	14	Spalding	78	138	166	190	208	223	234	244	253	260	127	199
Dougherty	55	94	105	115	123	130	136	142	147	152	85	120	Stephens	30	53	63	72	78	83	86	89	92	94	48	74
Douglas	223	388	464	519	556	579	593	601	607	612	358	514	Stewart	4	8	9	11	13	15	17	18	20	22	7	14
Early	7	12	13	14	15	16	17	17	18	18	11	14	Sumter	16	27	30	34	37	40	43	46	48	51	24	37
Echols	2	4	4	4	4	4	4	4	4	4	4	4	Talbot	3	5	6	6	7	8	8	9	9	9	5	7
Effingham	49	86	100	115	127	139	150	160	170	179	79	128	Taliaferro	1	3	3	3	3	3	3	3	3	3	2	2
Elbert	24	43	46	49	51	52	53	53	54	54	37	48	Tattnall	17	29	28	29	29	30	30	30	30	31	25	28
Emanuel	21	36	35	35	35	35	35	35	35	35	31	34	Taylor	4	7	8	9	10	11	12	13	13	14	7	10
Evans	7	13	13	13	13	13	13	13	13	13	11	12	Teffair	8	15	15	16	16	17	17	17	18	18	13	16
Fannin	26	46	58	67	74	80	85	89	93	96	43	71	Terrell	6	10	11	12	13	13	14	14	14	15	9	12
Fayette	142	251	305	349	385	414	437	458	477	494	233	371	Thomas	31	54	61	67	72	77	80	83	86	89	49	70
Floyd	85	150	180	204	221	235	245	253	260	266	138	210	Tift	27	47	47	48	49	49	50	51	52	53	40	47
Forsyth	316	576	710	825	921	1,002	1,072	1,134	1,192	1,246	534	899	Toombs	20	34	34	34	34	35	35	35	36	36	29	33
Franklin	27	48	58	67	73	78	83	86	89	92	44	70	Towns	15	27	32	37	41	44	47	49	50	52	25	39
Fulton	1,508	2,654	3,073	3,388	3,576	3,676	3,716	3,702	3,670	3,627	2,411	3,269	Treutlen	4	7	7	8	8	8	8	8	8	8	6	7
Gilmer	32	57	72	83	92	100	106	111	116	120	54	89	Troup	80	140	167	190	208	222	232	241	249	256	129	199
Glascock	3	5	5	5	5	5	5	5	5	5	4	5	Turner	6	11	10	11	11	11	11	11	11	11	9	10
Glynn	59	102	117	132	145	156	165	174	182	189	93	142	Twiggs	7	12	14	15	16							

# Appendix IV: REMI Model Framework

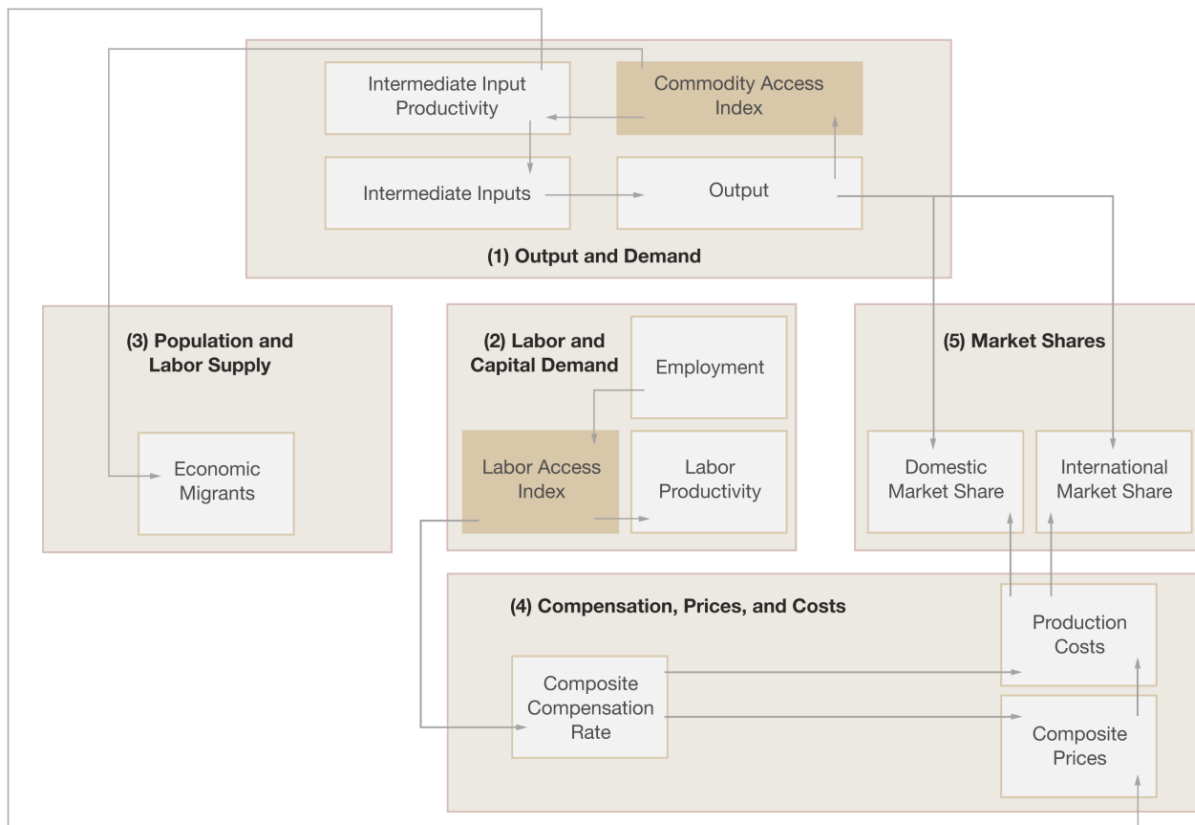
The model consists of thousands of simultaneous equations with a structure that is relatively straightforward. The exact number of equations used varies depending on the extent of industry, demographic, demand, and other detail in the specific model being used. The overall structure of the model can be summarized in five major blocks: (1) Output and Demand, (2) Labor and Capital Demand, (3) Population and Labor Supply, (4) Compensation, Prices, and Costs, and (5) Market Shares. The blocks and their key interactions are shown in Figures A4.1-2.

Figure A4.1: REMI Model Linkages

REMI Model Linkages (Excluding Economic Geography Linkages)



## Economic Geography Linkages



The Output and Demand block consists of output, demand, consumption, investment, government spending, exports, and imports, as well as feedback from output change due to the change in the productivity of intermediate inputs. The Labor and Capital Demand block includes labor intensity and productivity as well as demand for labor and capital. Labor force participation rate and migration equations are in the Population and Labor Supply block. The Compensation, Prices, and Costs block includes composite prices, determinants of production costs, the consumption price deflator, housing prices, and the compensation equations. The proportion of local, inter-regional, and export markets captured by each region is included in the Market Shares block.

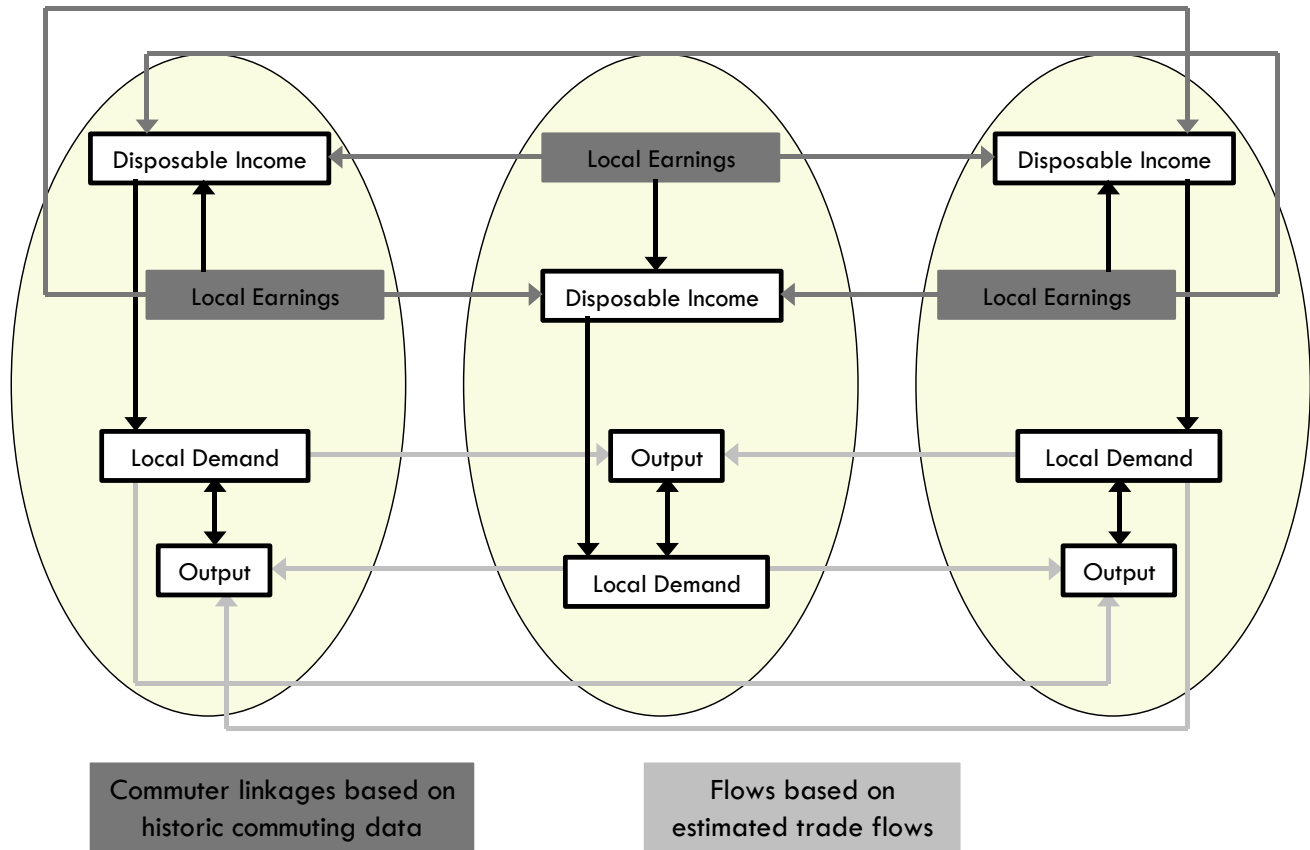
Models can be built as single-region, multi-region, or multi-region national models. A region is defined broadly as a sub-national area, and could consist of a state, province, county, or city, or any combination of sub-national areas.

Single-region models consist of an individual region, called the home region. The rest of the nation is also represented in the model. However, since the home region is only a small part of the total nation, the changes in the region do not have an endogenous effect on the variables in the rest of the nation. Multi-region models have interactions among regions, such as trade and commuting flows. These interactions include trade flows from each region to each of the other regions. These flows are illustrated for a three-region model in Figure A4.3.



Figure A4.3: Trade and Commuter Flow Linkages

# Trade and Commuter Flow Linkages



Multi-region national models also include a central bank monetary response that constrains labor markets. Models that only encompass a relatively small portion of a nation are not endogenously constrained by changes in exchange rates or monetary responses.

### Block 1: Output and Demand

This block includes output, demand, consumption, investment, government spending, import, commodity access, and export concepts. Output for each industry in the home region is determined by industry demand in all regions in the nation, the home region's share of each market, and international exports from the region.

For each industry, demand is determined by the amount of output, consumption, investment, and capital demand on that industry. Consumption depends on real disposable income per capita, relative prices, differential income elasticities, and population. Input productivity depends on access to inputs because a larger choice set of inputs means it is more likely that the input with the specific characteristics required for the job will be found. In the capital stock adjustment process, investment occurs to fill the difference between optimal and actual capital stock for residential, non-residential, and equipment investment. Government spending changes are determined by changes in the population.

### *Block 2: Labor and Capital Demand*

The Labor and Capital Demand block includes the determination of labor productivity, labor intensity, and the optimal capital stocks. Industry-specific labor productivity depends on the availability of workers with differentiated skills for the occupations used in each industry. The occupational labor supply and commuting costs determine firms' access to a specialized labor force.

Labor intensity is determined by the cost of labor relative to the other factor inputs, capital and fuel. Demand for capital is driven by the optimal capital stock equation for both non-residential capital and equipment. Optimal capital stock for each industry depends on the relative cost of labor and capital, and the employment weighted by capital use for each industry. Employment in private industries is determined by the value added and employment per unit of value added in each industry.

### *Block 3: Population and Labor Supply*

The Population and Labor Supply block includes detailed demographic information about the region. Population data is given for age, gender, and race, with birth and survival rates for each group. The size and labor force participation rate of each group determines the labor supply. These participation rates respond to changes in employment relative to the potential labor force and to changes in the real after-tax compensation rate. Migration includes retirement, military, international, and economic migration. Economic migration is determined by the relative real after-tax compensation rate, relative employment opportunity, and consumer access to variety.

### *Block 4: Compensation, Prices and Costs*

This block includes delivered prices, production costs, equipment cost, the consumption deflator, consumer prices, the price of housing, and the compensation equation. Economic geography concepts account for the productivity and price effects of access to specialized labor, goods, and services.

These prices measure the price of the industry output, taking into account the access to production locations. This access is important due to the specialization of production that takes place within each industry, and because transportation and transaction costs of distance are significant. Composite prices for each industry are then calculated based on the production costs of supplying regions, the effective distance to these regions, and the index of access to the variety of outputs in the industry relative to the access by other uses of the product.

The cost of production for each industry is determined by the cost of labor, capital, fuel, and intermediate inputs. Labor costs reflect a productivity adjustment to account for access to specialized labor, as well as underlying compensation rates. Capital costs include costs of non-residential structures and equipment, while fuel costs incorporate electricity, natural gas, and residual fuels.

The consumption deflator converts industry prices to prices for consumption commodities. For potential migrants, the consumer price is additionally calculated to include housing prices. Housing prices change from their initial level depending on changes in income and population density.

Compensation changes are due to changes in labor demand and supply conditions and changes in the national compensation rate. Changes in employment opportunities relative to the labor force and occupational demand change determine compensation rates by industry.

### *Block 5: Market Shares*

The market shares equations measure the proportion of local and export markets that are captured by each industry. These depend on relative production costs, the estimated price elasticity of demand, and the effective distance between the home region and each of the other regions. The change in share of a specific area in any region depends on changes in its delivered price and the quantity it produces compared with the same factors for competitors in that market. The share of local and external markets then drives the exports from and imports to the home economy.