GEMS™

Georgia Economic Modeling System

Thomas C. Tanner and Adam Jones • May 2007

The Economic Impact of the Metropolitan Atlanta Rapid Transit Authority

An Analysis of the Impact of MARTA Operations on and around the Service Delivery Region

Carl Vinson | Institute of Government

The Economic Impact of the Metropolitan Atlanta Rapid Transit Authority

An Analysis of the Impact of MARTA Operations on and around the Service Delivery Region

Thomas C. Tanner, Ph.D., and Adam Jones

May 2007

GEMS

Georgia Economic Modeling System

GEMS is a trademark of the University of Georgia.

Carl Vinson Insitute of Government
The University of Georgia
Athens

Contents

Executive Summary **1**

Introduction **4**

The Effect of MARTA on the Labor Force **5**

Impact Not Included in the Analysis **6**

Baseline Forecasts **6**

Employment 7
Gross Regional Output 7
Real Disposable Personal Income 10

Estimated Impact of MARTA **10**

Employment 10
Gross Regional Output 11
Real Disposable Personal Income 12
Real Disposable Per Capita Personal Income 12

Conclusion **12**

Appendix A: GEMS 17
Appendix B: Modeling Differences 46
Appendix C: Baseline Employment 47
Appendix D: Baseline Output 75
Appendix E: Baseline Real Disposable Personal Income 103
Appendix F: MARTA Impact on Employment 105
Appendix G: MARTA Impact on Output 133
Appendix H: MARTA Impact on Real Disposable Personal Income 161

Executive Summary

The Carl Vinson Institute of Government has conducted a detailed investigation of the expected economic impact of the Metropolitan Atlanta Rapid Transit Authority (MARTA) on both the Atlanta Metropolitan Statistical Area (MSA) and statewide for the years from 2001 to 2055. The analysis examined the net economic impact of MARTA employment, infrastructure investment, and operation expenses. The analysis also estimated the economic impact MARTA generates by effectively expanding the labor pool for Atlanta-area businesses as it provides additional commuting options for workers. The analysis included a full accounting of the public costs of funding MARTA; only those MARTA benefits that can be explicitly and definitively quantified were considered. To ensure the validity of the reported impacts, analysis relied on only the most conservative impact estimates. Many key benefits of MARTA were excluded from the impact analysis, either because they do not have any clear macroeconomic impact or because they could not be reliably estimated. Thus, all results reported herein should be interpreted as the minimum net economic impact of MARTA.

Table 1 outlines the primary economic impacts of MARTA on the Atlanta area (defined here as the 28 counties in the Census-defined Atlanta MSA). These and all data presented on the economic impact of MARTA should be interpreted as MARTA's impact on the regional economy for each year of the forecasted period. For example, if MARTA had ceased operations in 2001, then the Atlanta area would have had approximately 19,600 fewer jobs in 2001 (approximately 0.7 percent of all jobs in the Atlanta area, only slightly more jobs than the food manufacturing industry in the Atlanta area), and by 2055, the city would have approximately 45,500 fewer jobs than it would have had that year if MARTA existed—approximately 0.8 percent of the 2055 Atlanta area economy (the equivalent of the 2055 forecasted size of the entire information and data processing industry or the hotel industry for the Atlanta region).

Table 1. Major Economic Effects of MARTA on the Atlanta MSA

Concept Name	2001	2011	2021	2031	2041	2051	2055
Employment[a]	19,570	24,938	31,632	37,141	41,369	44,491	45,499
Output[b]	2,003	3,204	4,790	6,482	8,143	9,727	10,344
Per Capita Disposable Income[c]	52.51	77.62	109.30	139.13	172.58	208.96	223.80

[a]Number of jobs.

[b]Millions of 2001 dollars.

[c]2001 dollars.

The impact of MARTA on the Atlanta-area total output (total sales of all goods and services in the region) is also significant. MARTA's presence in Atlanta accounted for approximately $2.0 billion in the region in 2001 (all figures are reported in real, i.e., inflation-adjusted, 2001 dollars), which is equal to 0.6 percent of the regional economy (approximately equal to the size of the heavy construction industry in the region). By 2055, MARTA's presence is forecasted to account for more than $10.3 billion worth of Atlanta's total sales, or approximately 0.6 percent of Atlanta's entire forecasted total output (approximately the forecasted size of the entire repair and maintenance industry in the region).

Of particular interest to residents of the Atlanta area is the impact of MARTA on real disposable personal income per capita, which is the best available measure of the economic impact of MARTA on Atlanta-area residents. MARTA's presence in Atlanta generated approximately $52 per Atlanta-area resident in 2001. By 2055, MARTA's presence is expected to generate over $224 per Atlanta-area resident. This addition to real disposable income is the result, primarily, of the improved transportation system lowering labor costs—and, hence, lowering the cost of living—in the Atlanta area. That is, the benefit comes primarily through lower regional inflation rates. The amounts generated are significantly greater than the sales tax payments made by Atlanta-area residents to support MARTA.

The significant positive impact of MARTA on real disposable personal income per capita distinguishes MARTA from other variables considered in most economic impact assessments. Most economic development efforts result in not only an increase in employment and wages but also an approximately proportional increase in population, leaving per capita income largely unaffected. However, because MARTA increases access to labor, and hence decreases costs, it succeeds in having a significant impact on the local economy.

The majority of the economic activity generated by MARTA in the Atlanta area is generated in the two counties with MARTA service (Fulton and DeKalb), although significant positive impacts are found throughout the metropolitan area. MARTA's presence generated over 12,500 jobs in Fulton and DeKalb Counties in 2001 (just over 1 percent of jobs in the two counties, or the size of the trucking industry in the two-county region), and by 2055 MARTA is expected to have generated almost 27,600 jobs in the two counties (approximately 1.2 percent of jobs in the two counties, much more than total forecasted employment in all motor vehicle dealerships in the region). Likewise, MARTA accounts for more than $1.3 billion in total output in Fulton and DeKalb (0.7 percent of the output of the two counties, more than the computer and electronics manufacturing industry in the region). By 2055, MARTA will account for almost $6.6 billion in output in their service area (approximately 1 percent of forecasted output for the two counties, or a bit less than the forecasted size of the hospital industry for the two counties). MARTA contributes significantly to real disposable personal income per capita statewide. By 2055, MARTA will account for approximately $427 of increased spending power for every Georgian located in Fulton and DeKalb Counties. The amounts generated are significantly greater than the sales tax payments made by Atlanta-area residents to support MARTA. Results for Fulton and DeKalb Counties are summarized in Table 2.

The economic activity generated by MARTA has a significant impact on the rest of the state of Georgia as well (see Table 3). MARTA's presence generates approximately 20,500 jobs statewide (approximately the number of employees working at all gas, electric, and water utilities in the state), and by 2055 MARTA is expected to have generated almost 46,200 jobs, slightly fewer than the forecasted statewide jobs in agriculture. Likewise, MARTA accounts

for almost $2.1 billion in total output statewide, more than the total output of the forestry and timber industry in the state. By 2055, MARTA will account for almost $10.5 billion in output in the state, more than twice the total forecasted output of the forestry and timber industry in the state. MARTA also contributes a small amount to real disposable personal income per capita statewide; by 2055, MARTA will account for approximately $22.38 of increased spending power for every Georgian located outside the Atlanta area.

This report concentrates primarily on details of the net economic impact assessment of MARTA on the Atlanta area and on the state as a whole. Appendices C–H contain extensive data on the underlying economic forecasts and on the economic impact estimates for several different geographies for the 2001–2055 period.

Table 2. Major Economic Effects of MARTA on Fulton and DeKalb Counties

Concept Name	2001	2011	2021	2031	2041	2051	2055
Employment[a]	12,569	15,240	19,183	22,464	25,017	26,957	27,594
Output[b]	1,333	2,001	2,990	4,072	5,156	6,215	6,633
Per Capita Disposable Income[c]	80.60	126.38	190.07	259.33	328.73	398.17	426.52

[a]Number of jobs.
[b]Millions of 2001 dollars.
[c]2001 dollars.

Table 3. Major Economic Effects of MARTA on the State of Georgia

Concept Name	2001	2011	2021	2031	2041	2051	2055
Employment[a]	20,514	25,242	31,715	37,179	41,533	44,980	46,182
Output[b]	2,082	3,242	4,812	6,503	8,181	9,816	10,465
Per Capita Disposable Income[c]	26.48	30.62	30.07	19.94	17.33	20.92	22.38

[a]Number of jobs.
[b]Millions of 2001 dollars.
[c]2001 dollars.

The Economic Impact of the Metropolitan Atlanta Rapid Transit Authority

An Analysis of the Impact of MARTA Operations on and around the Service Delivery Region

INTRODUCTION

This report examines the impact of the Metropolitan Atlanta Rapid Transit Authority (MARTA) on the regions it serves, surrounding regions, and the rest of Georgia. The analysis examines the full impact of MARTA, including its direct employment and expenditure as well as the indirect effects of that expenditure. Purchases and employment by MARTA have much the same effect as a manufacturer; they not only employ people directly but also create indirect employment through their purchases of goods and services in the communities MARTA serves. MARTA is unique in the fact that unlike most traditional economic development activities the project does not bring with it a large increase in population and the service requirements associated with that increase. MARTA instead has a large impact by effectively expanding the labor pool for Atlanta-area businesses by allowing additional commuting options for Atlanta workers.

The estimates in this report were generated by researchers at the University of Georgia's Carl Vinson Institute of Government using the Georgia Economic Modeling System (GEMS) that has been developed specifically for state and local impact/policy analysis and forecasting for the state of Georgia. GEMS assembles the Georgia model using data from the Bureau of Economic Analysis, the Bureau of Labor Statistics, the Department of Energy, the Bureau of Census, and other public sources. For a more detailed description of GEMS, see Appendix A.

This study is based on extensive information on the operations of MARTA and data generated by the GEMS model. The data used in the analysis include a full accounting of the public costs of funding MARTA. Only the costs and benefits that can be explicitly and definitively quantified were considered. Only the most conservative estimates were used in this report, and the findings should be considered to reflect a minimum impact of MARTA. The analysis in this report shows the difference in economic activity that would occur if MARTA were removed from the economy of Georgia from 2001 to 2055. The impacts in this report are determined using forecasts for the state and regional economies using MARTA's historical and forecasted capital expenditure and operations data, ridership data, and the GEMS projections and are compared with baseline estimates for the same regions. The regions used in this analysis are broadly categorized into the MARTA service area of Fulton and DeKalb Counties, the non-MARTA Atlanta Metropolitan Statistical Area (MSA), and the rest of Georgia. Figure 1 illustrates the Atlanta MSA, and Figure 2 gives a more detailed layout of the Atlanta MSA. The Atlanta MSA was broken down into counties surrounding Fulton and DeKalb and into subregions for which statistics can be found in the various appendices of this report.

Figure 1. Counties in Atlanta MSA

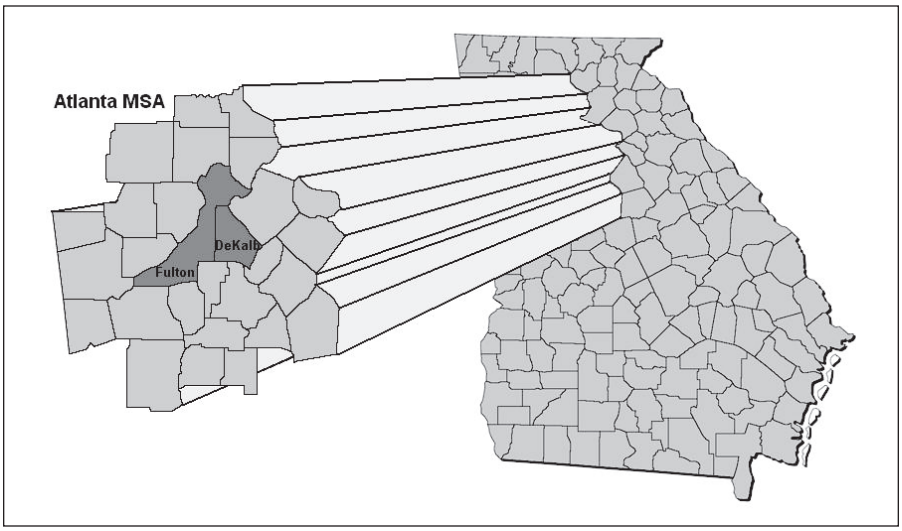
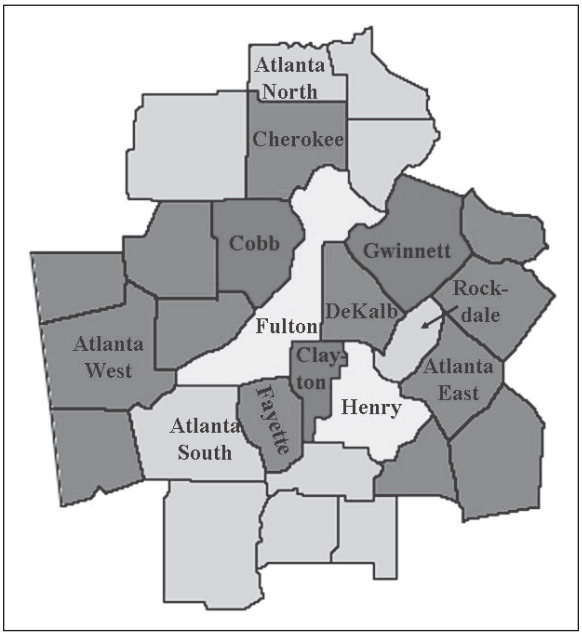


Figure 2. Atlanta MSA Subregions



THE EFFECT OF MARTA ON THE LABOR FORCE

MARTA's presence in Atlanta effectively increases the available labor pool for Atlanta-area employers. By making inter-region commuting easier, MARTA expands the pool of job applicants and increases the potential for employer-employee matches. The proper matching of employers and employees increases the productivity of the labor force and lowers the cost of doing business. This savings is passed through the economy and has a large, positive effect on the region.

Survey results provided by MARTA reveal that 54 percent of all MARTA riders commute to or from work and that 57 percent of those riders have no car available as a means of transportation. These figures suggest that 30.8 percent of MARTA riders can be identified as "MARTA-dependent commuters." Note that this number is highly consistent with the estimate of 29.1 percent of riders as MARTA-dependent commuters in a similar study conducted in 2001. That is, 30.8 percent of all MARTA ridership represents individuals commuting to or from a job that they would not otherwise be able to reach. In terms of the total size of the Atlanta labor force, approximately 2.2 percent of Atlanta's total labor force relies on MARTA. Included in the analysis, therefore, was the fact that, without MARTA, the size of the available labor source in the Atlanta area would shrink by approximately 2.2 percent.

This reduction does not represent workers who would vanish but rather the degree to which MARTA's absence would fracture the Atlanta labor market into several smaller labor submarkets. Although MARTA's impact on the available labor pool is small, the effect is very significant; in fact, it accounts for the lion's share of MARTA's overall economic impact.

IMPACT NOT INCLUDED IN THE ANALYSIS

Many potentially significant positive economic impacts that could not be reliably estimated were excluded from the analysis. For example, this study does not include the effect of MARTA on consumers. According to MARTA survey results, approximately 57 percent of riders did not have access to a car for their trip for purchases and would therefore presumably not make the trip without MARTA. The affect of these riders on the local economy through increased purchases and economic activity is not considered in this study; MARTA clearly has some positive impact, but it cannot be quantified.

This analysis also does not consider the effects of MARTA on other forms of transportation. The alleviation of traffic on highways and surface streets reduces travel times of other commuters as well as costs to local governments. For example, older MARTA surveys revealed that 38 percent of commuters who used MARTA stated that they would commute by car if it were not for MARTA. However, because the impact of reduced congestion is highly speculative, in this analysis the benefit of removing these riders from the roadways is not considered.

There are many other benefits associated with MARTA not included in this analysis, including the environmental impact of removing vehicles from the roads and the subsequent health effects on the population. Alternative transportation to and from major events such as ball games, concerts, and festivals helps to relieve traffic congestion and keep the city running on a more normal traffic pattern. MARTA also makes Atlanta a more desirable travel destination, especially for conventions, as it simplifies travel from the airport to downtown. By providing an alternative means of reaching the airport, MARTA also likely has a marginal positive impact on the cost and efficiency of air travel into and out of Hartsfield-Jackson International Airport. This is an enticing amenity in business recruitment efforts. Although these impacts were not included in the analysis, their exclusion does not mean that they are not important or significant; rather, they are not easily quantified.

BASELINE FORECASTS

The impact of MARTA on the Atlanta MSA and the state of Georgia was studied by comparing baseline forecasts with alternative forecasts for each region. The baseline forecasts predict economic activity based on the assumption that no significant, unexpected changes in the economy will take place. This means that MARTA was factored in under the assumption that it continues to function and grow with Atlanta in a manner similar to the past. The difference between the baseline forecast and the alternative forecast, which assumes that MARTA ceases operations, gives an estimate of MARTA's impact on the regions being considered. The baseline forecasts are presented in Tables 4, 5, and 6 and show the forecasts for the Atlanta MSA and the state. More detailed estimates can be found in the appendices.

Table 4. Baseline Estimates for Fulton and DeKalb Counties

Year	Employment[a]	Output[b]	Disposable Income[b]	Year	Employment[a]	Output[b]	Disposable Income[b]
2001	1,327,846	186	53	2029	1,897,747	428	119
2002	1,300,957	187	55	2030	1,917,901	438	122
2003	1,316,622	193	56	2031	1,937,741	448	125
2004	1,333,550	200	58	2032	1,957,284	458	127
2005	1,351,711	207	60	2033	1,976,549	468	130
2006	1,371,049	215	62	2034	1,995,552	477	133
2007	1,391,485	223	64	2035	2,014,310	487	135
2008	1,412,919	231	66	2036	2,032,837	497	138
2009	1,435,232	239	68	2037	2,051,148	507	141
2010	1,458,288	248	70	2038	2,069,258	517	143
2011	1,482,000	257	73	2039	2,087,181	527	146
2012	1,506,393	266	75	2040	2,104,928	536	148
2013	1,531,369	275	78	2041	2,122,514	546	151
2014	1,556,203	284	80	2042	2,139,950	556	154
2015	1,580,870	293	83	2043	2,157,247	566	156
2016	1,605,342	302	85	2044	2,174,417	576	159
2017	1,629,595	312	88	2045	2,191,470	586	162
2018	1,653,610	321	90	2046	2,208,415	596	164
2019	1,677,367	331	93	2047	2,225,264	606	167
2020	1,700,848	340	96	2048	2,242,024	616	170
2021	1,724,038	350	98	2049	2,258,705	626	172
2022	1,746,924	360	101	2050	2,275,315	636	175
2023	1,769,494	369	103	2051	2,291,862	646	177
2024	1,791,738	379	106	2052	2,308,352	656	180
2025	1,813,645	389	109	2053	2,324,794	666	183
2026	1,835,208	399	111	2054	2,341,193	676	186
2027	1,856,421	409	114	2055	2,357,556	686	188
2028	1,877,260	419	117				

[a]Number of jobs.
[b]Billions of dollars.

Employment

Employment shows a steady increase over the study period for all three regions, with the non-MARTA Atlanta MSA region growing the fastest, at a little over 1.25 percent per year. This faster increase is most likely caused by the fact that the Atlanta MSA will grow faster than the rest of the state and the two counties currently served by MARTA are more heavily developed than other MSA counties. The baseline employment forecasts are shown in Figure 3. A more detailed forecast of employment is available in Appendix C.

Gross Regional Output

Figure 4 shows the forecasted gross regional output for the three aggregated regions in the study. The regional output of the non-MARTA Atlanta MSA is forecasted to grow faster than the other regions for reasons similar to those for the employment growth. While the Atlanta MSA as a whole is dominated by high-growth industries that are growing faster than the agricultural sector that dominates the rest of Georgia, the areas inside the two MARTA counties do not have the same quantity of space available for green field development as the other MSA counties. The green field development allows the non-MARTA Atlanta MSA counties to grow at a faster rate than Fulton and DeKalb Counties. A more detailed forecast is available in Appendix D.

Table 5. Baseline Estimates for Non-MARTA Atlanta MSA

Year	Employment[a]	Output[b]	Disposable Income[b]	Year	Employment[a]	Output[b]	Disposable Income[b]
2001	1,390,551	142	71	2029	2,408,808	409	197
2002	1,394,104	141	73	2030	2,443,607	420	202
2003	1,433,873	149	77	2031	2,477,916	431	207
2004	1,472,295	158	81	2032	2,511,735	442	212
2005	1,509,550	166	84	2033	2,545,064	453	218
2006	1,545,882	175	88	2034	2,577,900	464	223
2007	1,581,594	184	92	2035	2,610,243	476	228
2008	1,617,045	193	96	2036	2,642,090	487	233
2009	1,652,645	202	100	2037	2,673,439	498	239
2010	1,688,858	212	104	2038	2,704,289	509	244
2011	1,726,001	222	108	2039	2,734,636	520	249
2012	1,764,097	232	112	2040	2,764,478	531	254
2013	1,803,082	241	117	2041	2,793,813	542	260
2014	1,842,162	250	121	2042	2,822,636	553	265
2015	1,881,282	260	126	2043	2,850,945	564	270
2016	1,920,395	270	131	2044	2,878,738	575	275
2017	1,959,451	280	135	2045	2,906,009	586	280
2018	1,998,405	290	140	2046	2,932,756	597	285
2019	2,037,214	300	145	2047	2,958,975	607	290
2020	2,075,835	311	150	2048	2,984,663	618	295
2021	2,114,228	321	155	2049	3,009,815	629	300
2022	2,152,355	332	160	2050	3,034,429	639	305
2023	2,190,179	343	165	2051	3,058,499	650	310
2024	2,227,664	354	171	2052	3,082,022	660	315
2025	2,264,775	365	176	2053	3,104,994	671	320
2026	2,301,479	376	181	2054	3,127,412	681	324
2027	2,337,745	387	186	2055	3,149,270	691	329
2028	2,373,521	398	191				

[a]Number of jobs.
[b]Billions of dollars.

Figure 3. Baseline Employment Forecast

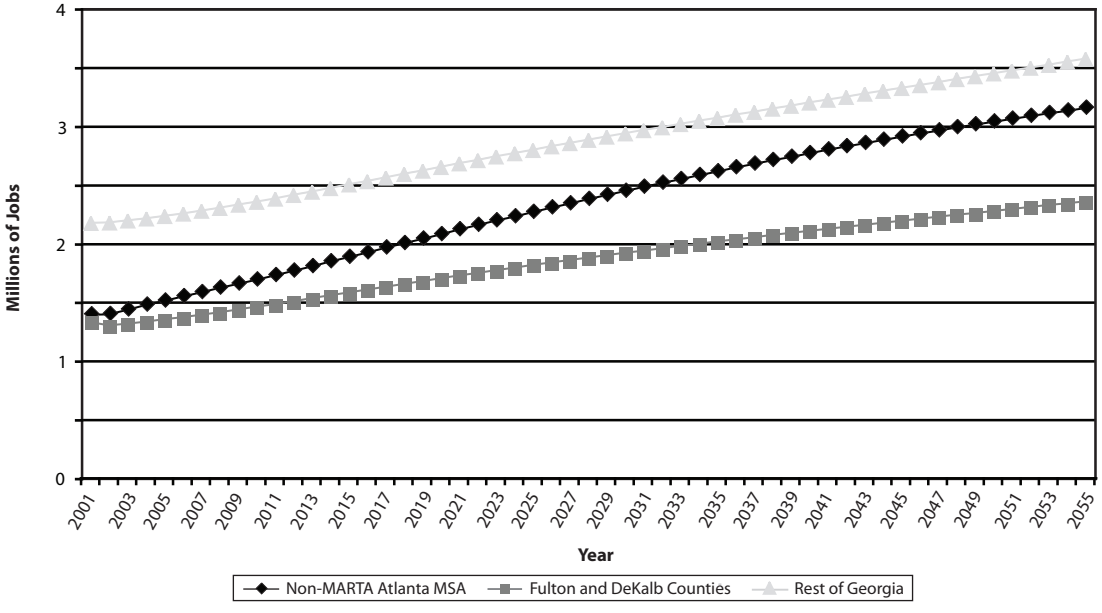
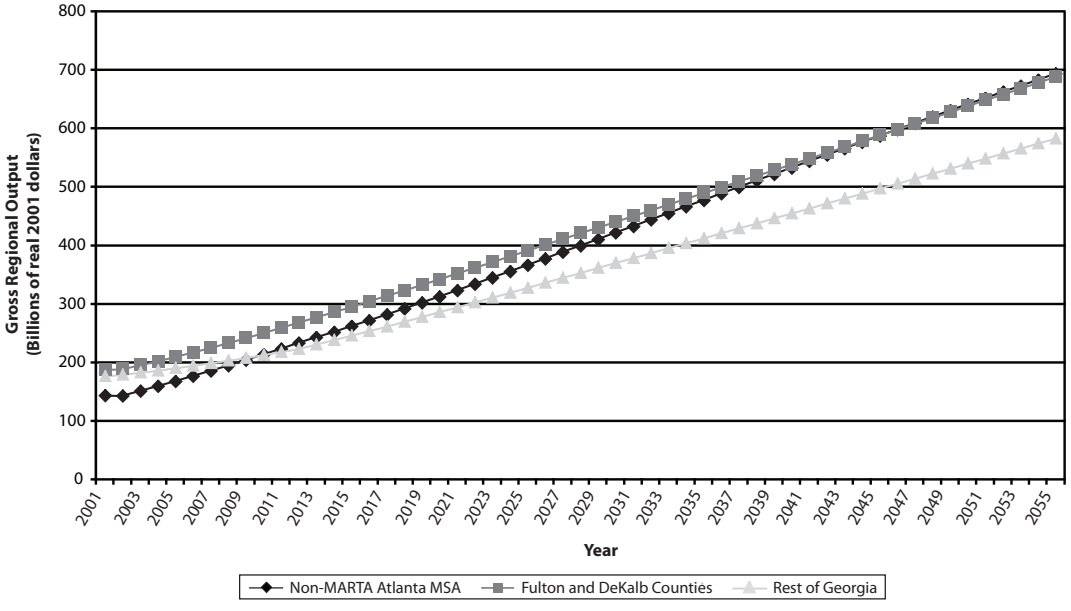


Table 6. Baseline Estimates for the Rest of Georgia

Year	Employment[a]	Output[b]	Disposable Income[b]	Year	Employment[a]	Output[b]	Disposable Income[b]
2001	2,175,089	175	88	2029	2,908,871	359	187
2002	2,179,304	177	90	2030	2,936,234	368	191
2003	2,195,413	180	91	2031	2,963,333	376	195
2004	2,213,545	184	93	2032	2,990,185	385	199
2005	2,233,514	188	97	2033	3,016,807	393	203
2006	2,255,149	192	100	2034	3,043,215	402	208
2007	2,278,285	197	103	2035	3,069,423	410	212
2008	2,302,763	201	106	2036	3,095,446	419	216
2009	2,328,426	206	110	2037	3,121,299	427	220
2010	2,355,116	211	113	2038	3,146,997	436	224
2011	2,382,736	216	116	2039	3,172,551	444	228
2012	2,411,295	221	120	2040	3,197,976	452	232
2013	2,440,906	228	124	2041	3,223,284	461	237
2014	2,470,708	236	127	2042	3,248,488	469	241
2015	2,500,634	244	131	2043	3,273,599	478	245
2016	2,530,624	251	135	2044	3,298,629	486	249
2017	2,560,628	259	139	2045	3,323,588	495	253
2018	2,590,597	267	143	2046	3,348,489	503	257
2019	2,620,492	275	146	2047	3,373,340	512	262
2020	2,650,275	284	150	2048	3,398,152	521	266
2021	2,679,915	292	154	2049	3,422,934	529	270
2022	2,709,380	300	158	2050	3,447,697	538	274
2023	2,738,647	309	162	2051	3,472,448	546	278
2024	2,767,691	317	167	2052	3,497,196	555	283
2025	2,796,491	325	171	2053	3,521,951	563	287
2026	2,825,029	334	175	2054	3,546,719	572	291
2027	2,853,286	342	179	2055	3,571,508	581	295
2028	2,881,228	351	183				

[a]Number of jobs.
[b]Billions of dollars.

Figure 4. Baseline Gross Regional Output Forecast



Real Disposable Personal Income

Real disposable personal income is a measure of total regional income after taxes and adjusted for inflation. The growth of disposable income follows a similar trend of employment and gross regional output. Each of the three regions is projected to see steady growth over the study period. The estimated total disposable income for the state as a whole is expected to rise from $212 billion in 2001 to $813 in 2055. Figure 5 shows the projected total disposable personal income for the three aggregated regions. A more detailed projection of total disposable income can be found in Appendix E.

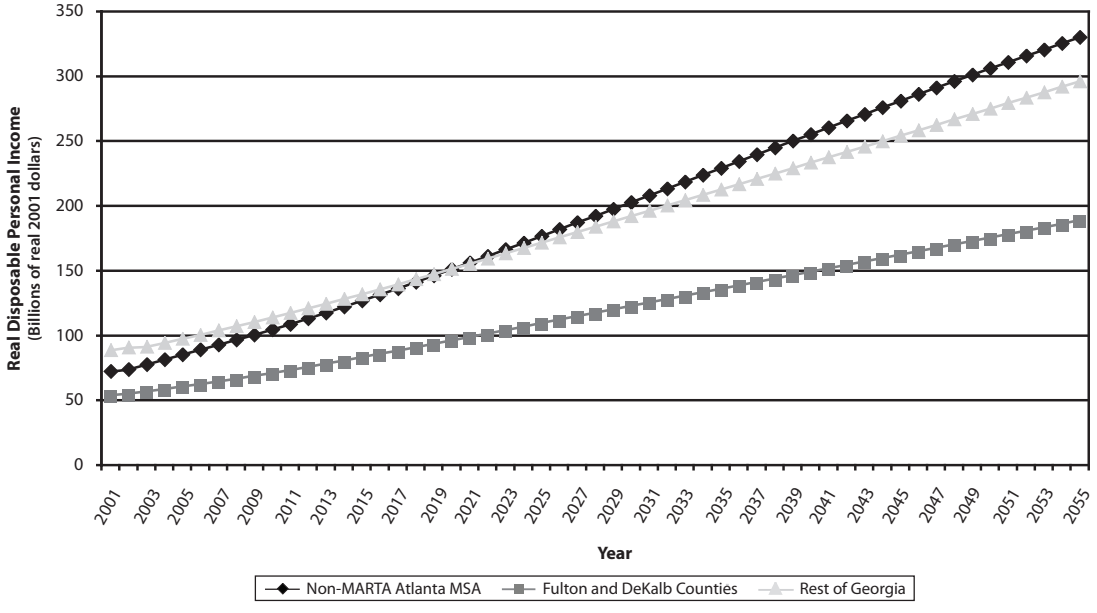
ESTIMATED IMPACT OF MARTA

The economic impact of MARTA on the Atlanta area and the state of Georgia was determined by comparing alternative forecasts based on the assumption that MARTA ceased operations in 2001 to baseline forecasts with no unexpected changes to the economy. The difference between the two forecasts is the projected impact of MARTA operations on the Atlanta area economy and the rest of the state.

Employment

Figure 6 shows MARTA's forecasted impact on employment in the Atlanta MSA and the rest of the state. MARTA is forecasted to be a positive, significant, and increasing factor in the employment of the Atlanta area workforce. Throughout the 2001–2055 study period, the impact of MARTA increases to an estimated impact of adding 27,594 jobs in Fulton and DeKalb Counties and 17,906 jobs in the rest of the Atlanta MSA. The employment effect of MARTA is comparable to the employment of the postal industry. Further details of the impact of MARTA on employment can be found in Appendix F.

Figure 5. Baseline Total Real Disposable Income Forecast



Gross Regional Output

MARTA's presence in Atlanta accounted for an average of $2 billion in gross regional output in 2001 and grows at an average rate of slightly over 4 percent over the study period. It reaches an inflation-adjusted, projected impact of more than $10 billion by 2055. MARTA's activities within the Atlanta region are projected to have spillover effects of approximately $80 million to $120 million of gross regional output in the rest of Georgia. Figure 7 shows the forecasted gross regional output for each of the three regions. A detailed breakdown of MARTA's impact on gross regional output can be found in Appendix G.

Figure 6. Forecasted Impact of MARTA on Employment

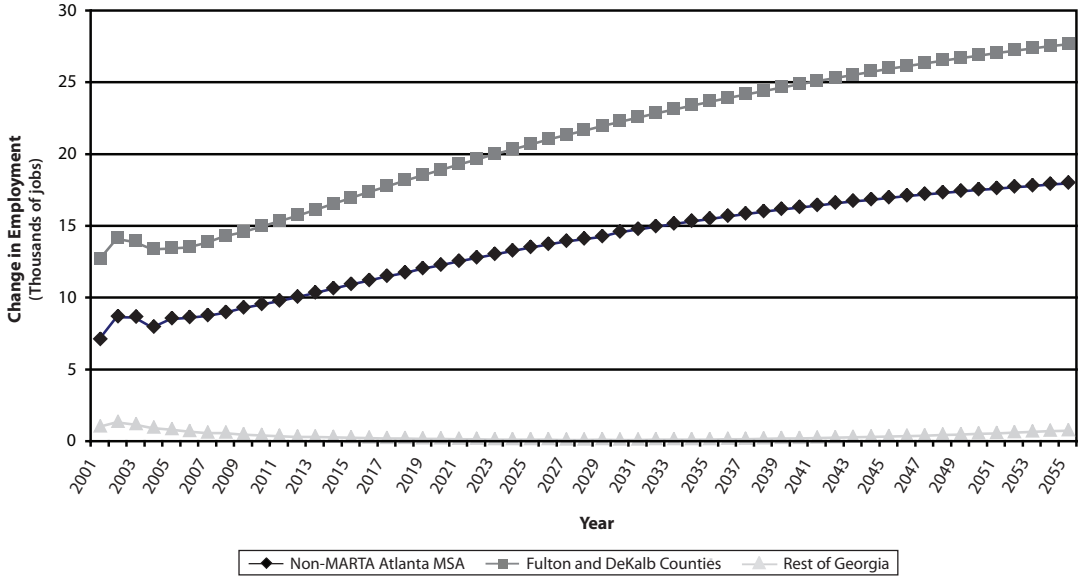
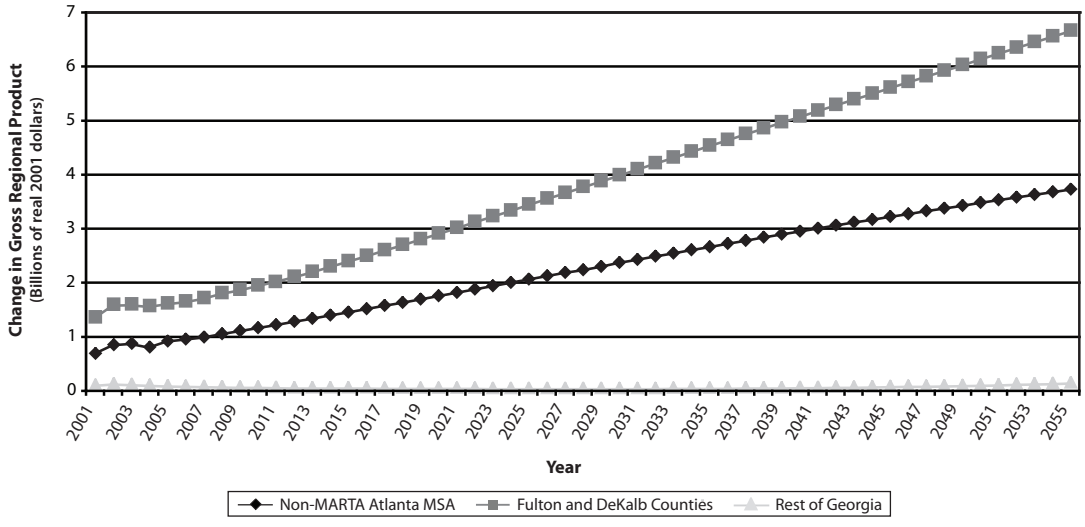


Figure 7. Forecasted Impact of MARTA on Gross Regional Output



Real Disposable Personal Income

The effect of MARTA on real disposable personal income is expected to grow over time with the impact on the Atlanta region growing at a faster rate than the impact on the rest of Georgia (Figure 8). The impact of MARTA on real disposable personal income grows at a similar rate for both Fulton and DeKalb Counties and the Atlanta MSA. In 2001, MARTA contributed $792 million to the disposable income of Atlanta area residents, and that impact is forecasted to expand to $3.9 billion by the end of the study period, 2055. MARTA also makes a positive impact on the rest of Georgia by contributing $61 million to residents' disposable income in 2001 and $230 million in 2055. A detailed breakdown of the impact of MARTA on real disposable personal income can be found in Appendix H.

Real Disposable Per Capita Personal Income

Per capita disposable income is an important measure of the economic impact of MARTA on Atlanta area residents. MARTA's presence in the Atlanta MSA is forecasted to generate an impact of $53 per resident in 2001 and grow to $237 per resident over the study period. The impact is caused primarily by the improved transportation system lowering labor costs and hence lowering the cost of living in the Atlanta area. The benefit comes though lower rates of inflation. The impact of MARTA on per capita disposable income is greater than the sales tax payments made by Atlanta area residents to support the system. Figure 9 shows the impact of MARTA on real disposable personal income per capita.

CONCLUSION

Tables 7, 8, and 9 summarize the contribution of MARTA to key economic variables in Fulton and DeKalb Counties, the rest of the Atlanta metropolitan area, and the rest of the state. Again, these estimates are based on several pessimistic assumptions regarding the impact of MARTA. Moreover, several identifiable positive impacts of MARTA that were either considered too speculative or unquantifiable for the purpose of this study were disregarded. Thus, these impacts are best interpreted as the minimum effect of MARTA on the Atlanta and statewide economies.

Also of particular interest to residents of DeKalb and Fulton Counties is the impact of MARTA on real disposable personal income per capita, which is a very useful measure of the economic impact of MARTA on Atlanta-area residents. MARTA's presence generated approximately $80 per DeKalb and Fulton resident in 2001. By 2055, MARTA's presence is expected to generate over $223 per DeKalb and Fulton resident. This addition to real disposable income is the result, primarily, of the improved transportation system lowering labor costs—and, hence, lowering the cost of living—in the area. That is, the benefit comes primarily through lower regional inflation rates. The amounts generated are significantly greater than the sales tax payments made by residents to support MARTA. The significant positive impact of MARTA on real disposable personal income per capita distinguishes MARTA from other variables considered in most economic impact assessments. Most economic development efforts result in not only an increase in employment and wages but also an approximately proportional increase in population, leaving per capita income largely unaffected. However, because MARTA increases access to labor, and hence decreases costs, it succeeds in having a significant impact on the local economy.

Figure 8. Forecasted Impact of MARTA on Real Disposable Personal Income

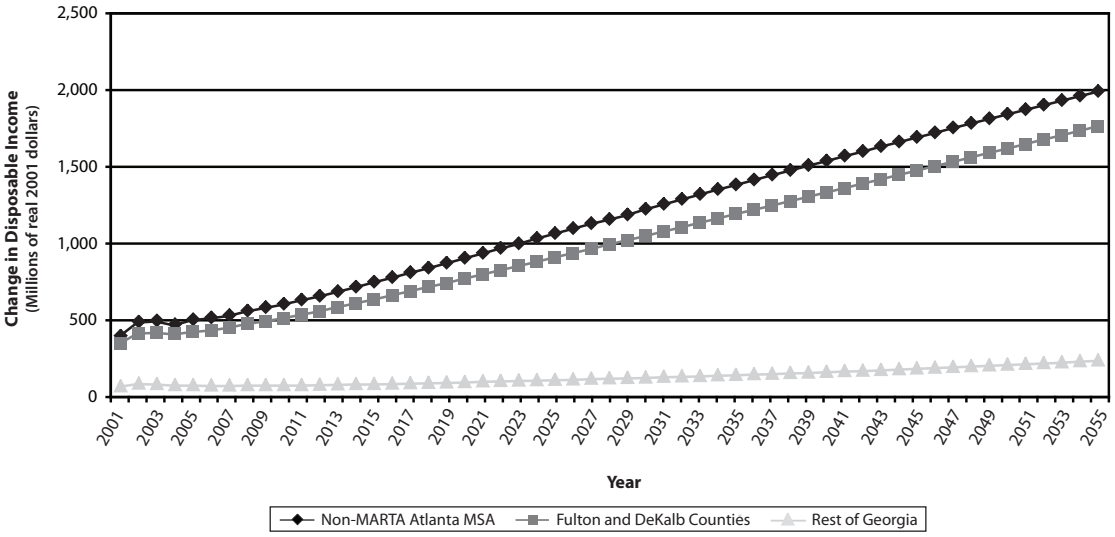


Table 7. Estimated Impact of MARTA for Fulton and DeKalb Counties

Year	Employment[a]	Output[b]	Disposable Income[b]	Year	Employment[a]	Output[b]	Disposable Income[b]
2001	12,569	1,333	341	2029	21,863	3,852	1,014
2002	14,046	1,563	408	2030	22,174	3,964	1,043
2003	13,808	1,571	414	2031	22,464	4,072	1,071
2004	13,301	1,543	404	2032	22,757	4,185	1,100
2005	13,351	1,589	419	2033	23,032	4,292	1,128
2006	13,441	1,630	429	2034	23,304	4,401	1,156
2007	13,757	1,689	445	2035	23,567	4,509	1,185
2008	14,229	1,779	469	2036	23,826	4,618	1,213
2009	14,494	1,845	487	2037	24,074	4,724	1,241
2010	14,859	1,920	508	2038	24,318	4,832	1,269
2011	15,240	2,001	530	2039	24,556	4,940	1,298
2012	15,604	2,081	553	2040	24,790	5,048	1,326
2013	16,029	2,176	578	2041	25,017	5,156	1,355
2014	16,449	2,273	604	2042	25,236	5,263	1,383
2015	16,854	2,370	629	2043	25,446	5,368	1,411
2016	17,268	2,473	656	2044	25,649	5,473	1,440
2017	17,662	2,573	683	2045	25,855	5,581	1,468
2018	18,047	2,674	709	2046	26,052	5,687	1,497
2019	18,432	2,778	736	2047	26,241	5,792	1,526
2020	18,817	2,886	764	2048	26,428	5,899	1,554
2021	19,183	2,990	791	2049	26,606	6,004	1,583
2022	19,545	3,096	819	2050	26,787	6,110	1,612
2023	19,902	3,203	846	2051	26,957	6,215	1,641
2024	20,242	3,309	874	2052	27,123	6,320	1,670
2025	20,591	3,421	903	2053	27,286	6,425	1,699
2026	20,921	3,530	931	2054	27,444	6,530	1,728
2027	21,244	3,637	959	2055	27,594	6,633	1,758
2028	21,560	3,747	987				

[a]Number of jobs.
[b]Millions of dollars.

Figure 9. Forecasted Impact of MARTA on Real Disposable Personal Income Per Capita

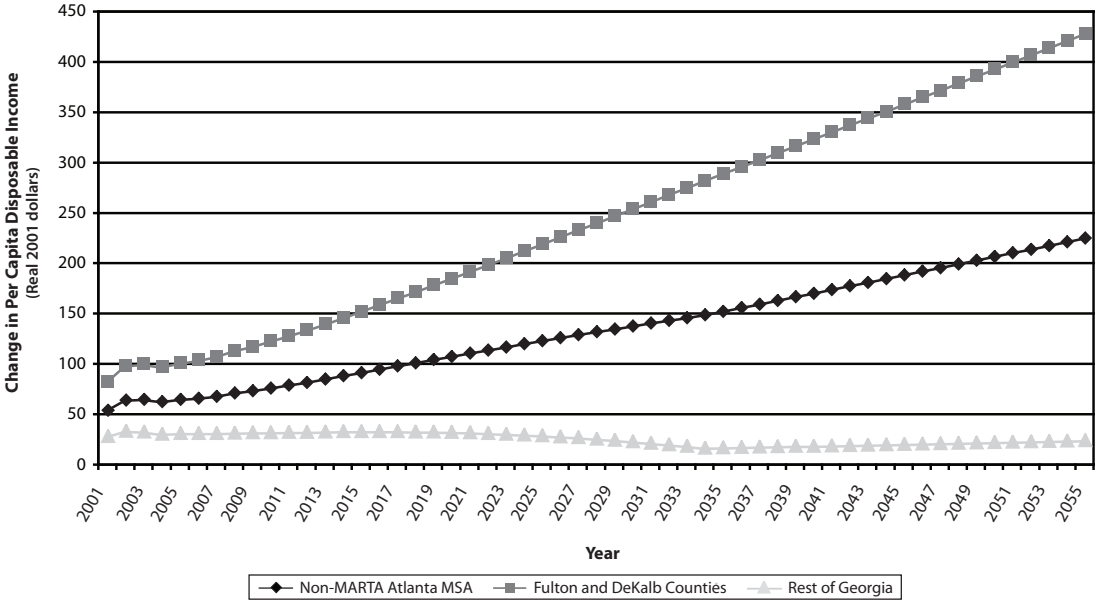


Table 8. Estimated Impact of MARTA for Non-MARTA Atlanta MSA

Year	Employment[a]	Output[b]	Disposable Income[b]	Year	Employment[a]	Output[b]	Disposable Income[b]
2001	7,001	671	389	2029	14,165	2,281	1,179
2002	8,587	835	480	2030	14,485	2,351	1,216
2003	8,547	856	488	2031	14,677	2,410	1,248
2004	7,865	786	462	2032	14,872	2,469	1,280
2005	8,448	900	494	2033	15,051	2,528	1,311
2006	8,534	934	506	2034	15,237	2,588	1,343
2007	8,654	971	523	2035	15,408	2,645	1,374
2008	8,884	1,035	551	2036	15,582	2,704	1,406
2009	9,203	1,090	573	2037	15,754	2,763	1,438
2010	9,435	1,144	597	2038	15,908	2,819	1,469
2011	9,697	1,203	623	2039	16,063	2,876	1,500
2012	9,948	1,262	649	2040	16,214	2,933	1,531
2013	10,252	1,320	679	2041	16,353	2,987	1,561
2014	10,542	1,377	709	2042	16,490	3,042	1,592
2015	10,829	1,437	740	2043	16,631	3,098	1,623
2016	11,121	1,498	771	2044	16,752	3,150	1,653
2017	11,394	1,557	802	2045	16,875	3,202	1,683
2018	11,658	1,615	833	2046	16,999	3,256	1,714
2019	11,932	1,678	864	2047	17,116	3,308	1,744
2020	12,188	1,737	896	2048	17,223	3,359	1,774
2021	12,449	1,799	928	2049	17,332	3,411	1,804
2022	12,695	1,861	960	2050	17,437	3,462	1,834
2023	12,924	1,921	991	2051	17,534	3,512	1,864
2024	13,175	1,984	1,024	2052	17,631	3,562	1,894
2025	13,413	2,046	1,056	2053	17,724	3,612	1,924
2026	13,635	2,106	1,088	2054	17,810	3,660	1,953
2027	13,855	2,168	1,120	2055	17,906	3,710	1,983
2028	13,999	2,216	1,149				

[a]Number of jobs.
[b]Millions of dollars.

Table 9. Estimated Impact of MARTA for the Rest of Georgia

Year	Employment[a]	Output[b]	Disposable Income[b]	Year	Employment[a]	Output[b]	Disposable Income[b]
2001	944	79	62	2029	44	20	117
2002	1,258	107	80	2030	36	20	120
2003	1,093	95	77	2031	39	21	123
2004	872	79	69	2032	43	21	126
2005	738	69	69	2033	50	22	130
2006	622	61	67	2034	57	23	133
2007	513	53	66	2035	66	25	137
2008	498	52	68	2036	78	26	140
2009	411	46	68	2037	91	28	144
2010	352	41	69	2038	106	30	148
2011	305	38	70	2039	123	33	152
2012	255	33	71	2040	142	35	156
2013	229	32	73	2041	163	38	160
2014	206	31	76	2042	186	42	164
2015	184	29	78	2043	211	46	169
2016	163	28	80	2044	239	50	173
2017	144	27	83	2045	268	54	178
2018	127	26	85	2046	299	59	182
2019	111	25	88	2047	332	64	187
2020	97	24	90	2048	368	70	192
2021	83	23	93	2049	406	76	197
2022	72	22	96	2050	446	82	202
2023	62	21	98	2051	489	89	208
2024	53	21	101	2052	534	96	213
2025	47	20	104	2053	581	104	219
2026	42	20	107	2054	631	112	225
2027	38	20	110	2055	683	121	231
2028	34	20	113				

[a]Number of jobs.
[b]Millions of dollars.

Appendix A:

The Georgia Economic Modeling System: A Multisector, Multiyear, Multimodal, County-Level Computable Geographical Equilibrium Model of the U.S. Economy

INTRODUCTION

Paul Krugman (1998) expressed a hope that the new economic geography research might one day develop "'computable geographical equilibrium' models, which can be used to predict the effects of policy changes, technological shocks, etc., on the economy's spatial structure in the same way that such models are currently used to predict the effects of changes in taxes and trade policy on the economy's industrial structure." However, he acknowledges that "preliminary efforts in this direction by several researchers, myself included, have found that such models are not at all easy to calibrate to actual data." It is the objective of this paper to unite several different threads of economic research to develop the framework for just such a regional "computable geographic equilibrium" model of the U.S. economy. Key tools and concepts that will be incorporated into the model will include input-output analysis, Social Accounting Matrices, gravity modeling, and new economic geography. The model framework that is developed is extremely simple, at least by the standards of most computable general equilibrium models, yet it is capable of generating a wide range of extremely complex economic behaviors/outcomes, can model these behaviors at an extremely fine level of geographic and sectoral detail, and can be calibrated to "real world" data.

THE SECTOR-COMMODITY RELATIONSHIPS IN THE MODEL: A MERGED IO-SAM FRAMEWORK

The data framework for the model is based on blending the traditional input-output (IO) tables of Leontief (1941), Stone and Brown (1962), with the closely related Social Accounting Matrix (SAM) framework as formalized by Pyatt and Round (1985) based upon the earlier work of Stone that has become widely used in recent decades. The beauty of the IO framework originally developed by Leontief is its utter simplicity: each industry sells its output to itself, to other industries, or to final

demanders. Therefore, on a single table, one can capture all the activity in an economy. Stone and Brown, however, observed that the Leontief IO table implicitly failed to recognize that every industry uses a mix of commodities and that every industry makes a mix of commodities. The commodities are a necessary component to describe accurately and explicitly the system's behavior. Mathematically, under the make and use table configuration (a "make" table identifies total spending on each commodity by each sector in the economy, and a "use" table identifies the total sales of each commodity by each sector in the economy) of Stone and Brown, "industries" can be interpreted as a transformation system that converts a menu of commodities and factor inputs into a menu of commodities. Generally, the Stone and Brown IO tables can be used to model industry behavior using either Leontief or Cobb-Douglas production functions. The configuration is particularly well suited to Cobb-Douglas functions because all cells can be interpreted as the constant budget share of a Cobb-Douglas production function.

However, these traditional IO tables have very little to contribute when we attempt to examine or model anything beyond the industry-commodity-industry interactions. SAMs attempt to address these shortcomings by explicitly introducing household, government, and capital markets, and a host of behaviors such as taxation, intergovernmental transfers, etc. The SAM framework has the advantage of being absolutely comprehensive, with every transaction type accounted for in some cell of a SAM matrix. However, while a SAM is comprehensive from an accounting perspective (every transaction shows up in some cell in the matrix), it is not complete in an economic sense, in that each cell does not represent a unique exchange of a commodity for money, as it does in an IO make and use table. This model begins with an alternative framework that draws on the comprehensiveness of the SAM and the simplicity and economic cohesion of the IO make and use tables. The proposed framework involves viewing the economy as a continuous process in which every sector of the economy is identified according to the menu of commodities they purchase and the menus of commodities they sell. The resulting merged framework is presented in Figure 1.

Figure 1. A Merged SAM/IO Framework for the Make and Use Tables

MAKE TABLE

Commodities / Sectors	Producer Commodities	Labor	Transfer Payments	Government Goods	Financial Capital	Physical Capital	Land
Producers							
Employed labor							
Remittance cohorts							
Government							
Investors							
Speculators							
Land							

USE TABLE

Sector / Commodities	Producers	Employed Labor	Remittance Cohorts	Government	Investors	Speculators	Land
Producer Commodities							
Labor							
Tran Pmts/taxes/fees							
Government goods							
Financial capital							
Physical capital							
Land							

Note: The gray cells represent areas that are likely to contain either zeros or insignificantly small transactions.

It is now possible to merge the IO and SAM methods of conceptualizing an economy into a unified system. The unified system's row elements in the make table include all the various producer industries generally included in make tables. They also include rows for a labor sector, "remittance cohort" sector (remembering that unemployed labor, retirees, and other transfer recipients are accounted for explicitly within this sector), and government. Finally, the make table adds "investor" rows to

produce financial capital and “speculator” rows to produce physical capital as is described below.

The unified system also adds several columns to the traditional make table. The new columns include a “labor commodity” representing the wage bill produced by the labor sector added above as a make table row; a transfer payments commodity; and federal, state, and local government commodities. They also include “financial capital” columns to represent commodities (dividends, interest, and rent) produced by the investor sector through the savings process and “physical capital” columns to represent the residential and nonresidential capital commodity outputs of the speculator industries.

Several columns in the make table require additional discussion. A transfer payment column is added to represent the “commodity” produced by remittance cohorts such as unemployed labor and retirees. Conceptually, we are simply saying that unemployed labor and retirees are producing a commodity because the very fact that they are being compensated is evidence for the commodity itself. One might debate the wisdom or rationale behind the transfer payments, but what is beyond doubt is that unemployed labor and retirees are producing some commodity, which some entity or entities are purchasing, based upon some decision-making criterion (optimizing function). This is all that matters from a modeling perspective. Similarly, additional make table columns include several government commodities, which are produced by the government “industries” rows added to the make table. Again, we will infer the presence of the commodity from the presence of the transaction (taxes). The make table also will include additional columns for residential and nonresidential physical capital, which will be the commodity produced by the speculator industries that were added as rows in the make table.

A use table can be constructed along similar lines. As with make table rows, the use table will add columns for a labor sector, remittance cohorts, government, investors, and speculators. The use table also will add rows for labor; transfer payments, government taxes, and fees; financial capital; and residential and nonresidential physical capital. The labor sector will use a mix of commodities once relegated to the use table’s final demand portion. In the same manner, remittance cohorts and government also will use a mix of commodities from the final demand portion of the traditional use table.

The role of the proposed speculator industries deserves a brief explanation. Each speculator sector will use the mix of commodities identified in the traditional use table under investment final demand, in addition to the financial capital good, to produce the physical capital good(s) identified in the make table. The speculator sector is something of a "ghost in the machine" because it is a mechanism the model will use to ensure that the presumably quite mobile financial capital commodity flows through speculator intermediaries to purchase presumably relatively immobile physical capital. As we develop an economic geography model of the United States, it is critical to model accurately where demand actually occurs, and introducing the speculator intermediary helps facilitate this. Finally, producer industries, in addition to using the commodities identified in a traditional IO table, also use labor, government, and physical capital commodities, which traditionally are identified as value-added components in the use table.

Two industries receive very special treatment in the model as they will both figure prominently in the behavioral equations and in the ultimate geographic equilibrium: the "real estate" sector (North American Industry Classification [NAICS] System code 531) and the "owner occupied dwellings" sector, which is not identified in the NAICS coding system but is rather a constructed sector used in the make and use tables produced by both the Bureau of Economic Analysis (BEA) and Bureau of Labor Statistics (BLS) to guarantee compatibility with the U.S. National Income and Product Accounts. These industries are critical for the model, in that they include land values, which is the one fixed geographic commodity in our model. Land, as we shall see shortly, is the only completely immobile commodity in the model, and land prices are the one factor that will invariably act to disperse economic activity. As such, the "other value-added" components of these two industries are extracted and are labeled as a separate land sector, producing a completely immobile land commodity. The only commodity used by the land sector is financial capital, specifically the rent (real or imputed) paid to landowners.

Several data sources are used to estimate county-level employment for the merged IO-SAM at the NAICS five-digit detail level (709 industries). A complete description of the process used to populate the model can be found in Tanner (2005). The primary data sources are the County Business Patterns (CBP) from the Bureau of the Census and the Regional Economic Information System (REIS) from the Bureau of Economic Analysis (BEA). Wage bill (payroll) data, which will populate

the regional “labor sector” output in the model and also determine output for many other industries, are derived with the same techniques and from the same sources as the employment data. Specifically, the CBP reports the total annual payroll for each NAICS code up to the five-digit level of detail for the United States and for every region, state, and county. However, total employment and total payroll data are subject to suppressions for privacy. Rather than rely strictly on the various RAS and statistical systems traditionally used to fill all data suppressions, we developed a unique “range constraining” approach, which uses all information available in the CBP series and guarantees internal consistency with unsuppressed wage and employment data (Tanner 2005). All the furnished and estimated CBP wage bill and employment data are then totaled and scaled to match the wage bill and employment data reported in the BEA’s REIS, which includes all county and state wages at the two-digit NAICS level of detail and all employment data at one-digit NAICS detail. The REIS directly provides wage bill and employment data for the government and agriculture sectors as well as disposable personal income data by county.

The process used to build a complete set of historical and forecast IO-SAMs is also outlined in greater detail in Tanner (2005). Annual IO tables are constructed using BEA IO make and use tables as well as biennial 11-year IO forecast tables from the BLS. The very detailed BEA IO make and use tables are extended year-by-year to match the annual changes in make and use composition implied by the current 10-year BLS IO tables. This generates a detailed annual forecast series of national IO make and use tables. These national merged IO-SAM tables will serve as the U.S. national forecast that will drive the model; hence, some key characteristics of the resulting national merged IO-SAM make and use tables are in order. First, the national tables explicitly identify international exports of commodities by sector, and international imports of commodities by sector for each year; these proportions are held constant across all regions in the model, so regardless of location in the United States, all industries of the same type will be importing the same proportion of their inputs and will be exporting the same proportion of their output. This amounts to an assumption that barriers to international trade in goods and services are sufficiently large that differences in U.S. regional shipment of goods/services do not generate any substantial regional price differences for either imports or exports. Second, the resulting annual IO tables include explicit estimates of total U.S. change in business

inventories by sector. As with imports and exports, these are held proportional in all regions in the model, so all industries of a particular type will experience the same change in business inventory, regardless of region. As such, the profitability variations between regions, which are explicitly calculated in the model, do not manifest through differences in the annual change in business inventory. Finally, with respect to the labor sector, the merged IO-SAM is denominated exclusively in terms of dollars of labor bought/sold and is mute on the point of number of people employed; hence, it does not say anything about the degree of slack in the national labor market. As the BLS IO tables that underlie the merged IO-SAM are an element of the BLS long-term forecast, the roll of labor market dynamics in the forecast is implicitly embedded in the IO data but is not explicit. However, the regional model will explicitly estimate the "profitability" of the labor sector in every region, and as such there will be regional differences in labor market dynamics. Because the purpose of this model is primarily to estimate how total U.S. economic activity is distributed across the 3,110 regions in the model and because all of the behavioral equations are adapted to estimate the proportion of total economic activity in each region, any U.S. forecast could be embedded in the model structure without need to revise the allocation equations.

Once the National Merged IO-SAM is constructed, each county's wage bill by sector is used to allocate each sector's national output to counties, the BEA REIS income data are used to allocate the other sectors (labor, remittance cohorts, government, and investors) to their respective counties, and then the regional output by sector is allocated to commodities based on the national merged IO-SAM make table proportions for the years 2000 and 2001.

This assumes that the commodities produced by a sector are truly joint in the production process as dictated by a nationally uniform production function for all firms in each industry based on competitive pressures to diffuse advantages quickly across all firms in an industry. Rather than relying upon the traditional matrix inversion technique used in most IO models (but unwieldy in a model with 3,110 interacting regions), in baseline and simulation forecasting the model will apply the national IO tables to estimate a complete multiregional supply response to indirect and induced demand, and to exogenous final demand, in a search cycle that looks for the suppliers of suppliers across industries and regions. Each cycle in the search process starts up in every region where the gravity-based production function's

previous cycle estimated a supply output response, and so on until the process reaches a minimum incremental output cutoff point.

THE NEW ECONOMIC GEOGRAPHY BEHAVIORAL ASSUMPTIONS

Regardless of the entity in question, in our model all will face a Dixit-Stiglitx (1977) constant elasticity of substitution (CES) nested Cobb-Douglas production function of the form

$$\prod_{g=1}^{G}\left(\widetilde{g}_{gmsrt}\right)^{\theta_{\widetilde{g}st}} = E_{st} + q_{msrt} \tag{1}$$

For manufacturer m belonging to sector (industry, labor, government, etc.) s located in region r at time t, G represents the total number of goods in the economy. $\widetilde{g}_{gmsrt}$ is the quantity of composite commodity good $\widetilde{g}$ used by manufacturer m in sector s in region r at time t. $\theta_{\widetilde{g}st}$ is the share of composite commodity good $\widetilde{g}$ used in sector s at time t. Note that the production function, at any point in time, is sector and time specific but not region or manufacturer specific. E_{st} is the fixed cost of production for sector i at time t. Finally, q_{msrt} is the total output of manufacturer m in sector s in region r at time t.

This behavioral equation will apply to all sectors, regardless of the "type" of entity in the traditional sense.

Every sector also faces the traditional constant returns to scale Cobb-Douglas budget share constraint given by

$$\sum_{g=1}^{G}\theta_{gst} = 1 \tag{2}$$

This is completely consistent with agglomeration economies in the new economic geography (NEG) framework, which is based on increasing returns at the sector level but not at the firm level. In addition, a constant returns to scale technology is consistent with the input-output data structure used throughout the model.

Because we wish to allow for the possibility of joint production, as implied by the data structure described earlier, we must devise a mechanism for translating between sector production and commodity production. To that end, we specify

$$q_{msrt} = \sum_{g=1}^{G} \vartheta_{gst} q_{msrt} \tag{3}$$

where

$$\sum_{g=1}^{G} \vartheta_{gst} = 1 \tag{4}$$

where ϑ_{gst} is the output share of good g in sector s total output at time t. For joint production, we shall calculate the U.S. average inputs for commodity g at time t, given by

$$\theta_{\tilde{g}gt} = \sum_{i=1}^{I} \left(\theta_{\tilde{g}st} \frac{Q_{gst}}{\sum_{i=1}^{I} Q_{gst}} \right) \tag{5}$$

where $\theta_{\tilde{g}gt}$ is the input share of commodity $\tilde{g}$ used in the production of commodity g at time t and s is the total number of sectors. To simplify the process of calculating prices across all regions and commodities in the model, we shall use these input shares in all price and trade calculations. Industries will only reenter the equation when we allow for sector expansion/contraction in a region in response to price changes in the various commodities across regions.

The model we are developing will not rely upon traditional iceberg costs. Instead, we will model the transportation component of the economy as an explicit subset of inputs into the Dixit-Stiglitz production function. The iceberg transportation cost assumption is so thoroughly embedded in the NEG literature that it is identified by Krugman, Fujita and Venables (1999) as one of the three cornerstones of the literature. At the same time, Krugman (1998) says of iceberg transportation costs, "It's too bad that actual transport costs look nothing like that." Since tractability can be maintained with a more realistic transportation assumption, for this model, transportation cost will be given by

$$\frac{P_{g\tilde{r}rt}}{P_{g\tilde{r}t}} = \prod_{\delta=1}^{\Delta} \gamma_{g\delta t} d_{\delta\tilde{r}rt}^{\theta_{\delta gt}} \tag{6}$$

where the left-hand side of the equation, $\frac{P_{g\tilde{r}rt}}{P_{g\tilde{r}t}}$, represents the ratio of the profit-maximizing price as delivered to region r to the profit-maximizing Ex Works (EXW, the price at the factory door before any transportation expenses) price for good g produced in region $\tilde{r}$ at time t. Δ represents the number of modes of transportation. Each mode of transportation, as mentioned earlier, is a commodity in the overall economy, hence $\Delta \in G$. $d_{\delta\tilde{r}rt}$ represents the effective distance from region $\tilde{r}$ to region r by mode δ at time t. $\theta_{\delta gt}$ is the share of transportation commodity δ used in production of commodity g at time t, and $\gamma_{g\delta t}$ represents the unit distance cost of shipping commodity g by mode δ at time t. In estimating NEG models, the concept of $d_{\delta\tilde{r}rt}$ is often approximated inclusively by straight-line distance or an average travel time between two regions.

Under this formulation of prices, and with the CES assumption of our Dixit-Stiglitz production function, the aggregate profit-maximizing behavior of producers will lead to a trade relationship for every commodity-county-county combination of

$$T_{g\tilde{r}rt} = \frac{Q_{g\tilde{r}t} \cdot P_{g\tilde{r}rt}^{-\sigma_g}}{\left(\sum_{\tilde{r}=1}^{R} Q_{g\tilde{r}t} \cdot P_{g\tilde{r}rt}^{-\sigma_g}\right)} \cdot D_{grt} \tag{7}$$

where $T_{g\tilde{r}rt}$ represents the volume of trade in commodity g from region $\tilde{r}$ to region r, $Q_{g\tilde{r}t}$ is the aggregate amount of commodity g produced in region $\tilde{r}$ at time t, and D_{grt} is the aggregate demand for commodity g in region r at time t. Note that this is a completely traditional gravity model, in that the degree of interaction is a function of the relative size of the producer, the size of the demander, and the relative distance (shipping cost) between them. The specification encompasses any number of regions and commodities and sheds the restrictive iceberg price assumption.

ESTIMATING PRICE ELASTICITIES AND TRADE FLOWS IN THE MODEL

The gravity model specified above is, by design, demand constrained. If we sum across all supplier regions $\tilde{r}$, we discover that

$$\sum_{\tilde{r}=1}^{R} T_{g\tilde{r}rt} = \sum_{\tilde{r}=1}^{R} \left(\frac{Q_{g\tilde{r}t} \cdot P_{g\tilde{r}rt}^{\ -\sigma_g}}{\left(\sum_{\tilde{r}=1}^{R} Q_{g\tilde{r}t} \cdot P_{g\tilde{r}rt}^{\ -\sigma_g} \right)} \cdot D_{grt} \right) \Rightarrow \sum_{\tilde{r}=1}^{R} T_{g\tilde{r}rt} = D_{grt} \forall g, r, t \tag{8}$$

That is, the total trade in commodity g from all regions, terminating in region r, is equal to the total demand for good g in region r, an accounting condition that must be true by definition.

While theoretically complete, accurate empirical estimation of the above model requires one additional step: The addition of an explicit supply constraint to ensure that every region in the model sells all output. As we wish to build an applied regional economic model of the U.S. economy, it is necessary to guarantee that our estimation process also meets the supply constraint that

$$\sum_{r=1}^{R} T_{g\tilde{r}rt} = Q_{g\tilde{r}t} \forall g, \tilde{r}, t \tag{9}$$

If the model captured all trade perfectly, this would not be a concern, but in the presence of error in the estimation, we must transform equation (7) into a classic doubly constrained gravity model following the form developed by Wilson (1970, 1974):

$$T_{g\tilde{r}rt} = \frac{Q_{g\tilde{r}t} \left(P_{g\tilde{r}t} \cdot \prod_{\tilde{\delta}=1}^{\Delta} \left(\gamma_{g\delta t} d_{\delta\tilde{r}rt} \right)^{\theta_{\delta gt}} \right)^{-\sigma_g}}{\sum_{\tilde{r}=1}^{R} \left(Q_{g\tilde{r}t} \left(P_{g\tilde{r}t} \cdot \prod_{\tilde{\delta}=1}^{\Delta} \left(\gamma_{g\delta t} d_{\delta\tilde{r}rt} \right)^{\theta_{\delta gt}} \right)^{-\sigma_g} \right)} \cdot D_{grt} \tag{10}$$

$$P_{g\tilde{r}t}^{\ -\sigma_g} = \left(\sum_{r=1}^{R} D_{grt} \left(B_{grt} \cdot \prod_{\tilde{\delta}=1}^{\Delta} \left(\gamma_{g\delta t} d_{\delta\tilde{r}rt} \right)^{\theta_{\delta gt}} \right)^{-\sigma_g} \right)^{-1} \tag{11}$$

$$B_{grt}^{\ -\sigma_g} = \left(\sum_{\tilde{r}=1}^{R} Q_{g\tilde{r}t} \left(P_{g\tilde{r}t} \cdot \prod_{\tilde{\delta}=1}^{\Delta} \left(\gamma_{g\delta t} d_{\delta\tilde{r}rt} \right)^{\theta_{\delta gt}} \right)^{-\sigma_g} \right)^{-1} \tag{12}$$

where $P_{g\tilde{r}rt}$ is the profit-maximizing price in region r of commodity g produced in region $\tilde{r}$ at time t, which will drive the distance decay function in the gravity model. B_{grt} is a balancing factor that ensures that all output is sold in all regions in the model; that is, equation (11) is satisfied. As such, the model of trade flows will closely follow Alonso's (1973) General Theory of Movement, though applied to trade rather than migration and built from an explicit microeconomic foundation.

Unfortunately, there is no reliable, comprehensive, and timely data source for regional trade flows within the United States. However, if we first difference the trade gravity equation and are willing to make the simplifying assumption that $B_{grt} = B_{grt-1}$, then we arrive at the following trade relationship:

$$\frac{Q_{g\tilde{r}t}}{Q_{g\tilde{r}t-1}} = \frac{\sum_{r=1}^{R} D_{grt}\left(B_{grt-1} \cdot P_{g\tilde{r}rt}\right)^{-\sigma_g}}{\sum_{r=1}^{R} D_{grt-1}\left(B_{grt-1} \cdot P_{g\tilde{r}rt-1}\right)^{-\sigma_g}} \tag{13}$$

where $Q_{g\tilde{r}t}$ and $Q_{g\tilde{r}t-1}$ represent the total quantities of commodity g produced in region $\tilde{r}$ at times t and $t-1$, B_{grt-1} is the demand-balancing term for commodity g in region r at time $t-1$, and D_{grt-1} represents total quantity of commodity g demanded in region r at time $t-1$. $P_{g\tilde{r}rt}$ and $P_{g\tilde{r}rt-1}$ are the profit-maximizing prices of commodity g in region r produced in region $\tilde{r}$ at times t and $t-1$, and σ_g is the elasticity of substitution between individual varieties of commodity g. Derivation of the trade relationship can be found in Tanner (2005).

The estimated share of each transportation mode devoted to the shipment of each commodity will be estimated by

$$\theta_{g\delta t} = \sum_{s=1}^{S}\left(\theta_{\delta st} \cdot \frac{\vartheta_{gst} q_{st}}{\sum_{i=1}^{I} \vartheta_{gst} q_{st}}\right) \tag{14}$$

where S is the total number of industries, $\theta_{\delta st}$ is the budget share of sector s devoted to the purchase of transportation mode δ at time t (identified by the IO

table for time t), q_{st} is the total national output of sector s at time t, and ϑ_{gst} is the share of sector s output that is commodity g at time t. This equation enables the model to estimate the budget share of commodity g that is devoted to transportation mode δ as being the average of each sector's budget share devoted to transportation mode δ, weighted by the sector's total share of the output of commodity g. Note that most commodities are produced almost entirely by a single sector; hence, the commodity share is determined almost entirely by the production function of that sector.

The distance variables $d_{\tilde{\delta}\tilde{r}rt}$, $d_{\delta\tilde{r}rt}$, $d_{\delta\tilde{r}rt-1}$, and $d_{\delta\tilde{r}rt-1}$ are normally approximated by some inclusive straight-line distance or time measure, such that

$$d_{\tilde{\delta}\tilde{r}rt} = d_{\delta\tilde{r}rt} = d_{\tilde{\delta}\tilde{r}rt-1} = d_{\delta\tilde{r}rt-1} = d_{\tilde{\delta}r\tilde{r}t} = d_{\delta r\tilde{r}t} = d_{\tilde{\delta}r\tilde{r}t-1} = d_{\delta r\tilde{r}t-1} \tag{15}$$

However, rather than using an inclusive straight-line distance or time measure, this model applies a unique and comprehensive database of transportation impedance measures developed by the Oak Ridge National Laboratories from impedance information for 1997 (Southworth 1997; Southworth, Peterson, and Chin 1998). Based on the Oak Ridge impedance database, the impedance in this model can differ between two regions both with the mode and with the direction of travel, but in the currently supported analysis

$$d_{\delta\tilde{r}rt} = d_{\delta\tilde{r}rt-1} \tag{16}$$

As additional years of transportation data become available, impedance measures could be expanded to change over time as well as with the mode and with the direction of travel.

Under the current assumptions, we can substitute the delivered price equation into the gravity equation and perform some simple algebra to get

$$\frac{Q_{g\tilde{r}t}}{Q_{g\tilde{r}t-1}} = \frac{\sum_{r=1}^{R} D_{grt} \cdot \left(B_{grt} \cdot \prod_{\delta=1}^{\Delta} d_{\delta\tilde{r}rt}^{\theta_{\delta gt}} \right)^{-\sigma_g}}{\sum_{r=1}^{R} D_{grt-1} \left(B_{grt} \cdot \prod_{\delta=1}^{\Delta} d_{\delta\tilde{r}rt-1}^{\theta_{\delta gt-1}} \right)^{-\sigma_g}} \tag{17}$$

At this point, we have an equation where the only unknowns are the elasticity of substitution σ_g and the balancing factor B_{grt}. Estimates of σ_g are calculated for

each commodity g, using nonlinear least squares. The estimation is made using data for all 3,110 regions in the U.S. database for the years 1999–2001.

Once σ_g has converged, we have effectively estimated the elasticities of substitution for each commodity in the model, subject to our initial condition that $P_{g\tilde{r}t}$ and B_{grt} are 1. These EXW balancing factors $P_{g\tilde{r}t}$ and B_{grt} are solved iteratively (of necessity because they enter into the trade flow calculations nonlinearly), and the iterative estimation of $P_{g\tilde{r}t}$ and B_{grt} is followed by a re-estimation of σ_g. The entire process is repeated until convergence is achieved.

While trade flows are calculated for every commodity in our conjoined IO/SAM framework, some restrictions and assumptions will be imposed upon the various entities in the model to capture specific behavioral limitations. Specifically,

1. No local government commodity can be shipped across county lines. This effectively prevents the export of local government commodities across region borders, which means that local government is paid for entirely by those entities in the region. Because this model will use counties as regions, this amounts to an assumption that local government does not cross county borders but is provided uniformly within any given county. This is certainly a simplifying abstraction from reality, to the extent that some local government entities cross county borders, while others may have a footprint that does not cover an entire county.

2. No state government commodity can be shipped across state borders. This has the same effect for state government as our first assumption did for local government: State government does not cross state borders but may be transported within the state, though such shipments are subject to the explicitly estimated transportation cost for the commodity.

3. Land cannot be shipped across county borders. Recall that the land area in a region fixes the supply of the land commodities in the region. This means that any region has a fixed supply of land, and this will act as the fundamental dispersing force in the model, counteracting any tendency toward catastrophic agglomeration that might occur in the presence of transportation costs alone.

CREATING CGE AND DYNAMIC ADJUSTMENT PATHS FOR THE MODEL

Recall from equation (6) that, under our explicit transportation cost assumption, the profit-maximizing price in region r of commodity g produced in region $\tilde{r}$ at time t becomes

$$P_{g\tilde{r}rt} = P_{g\tilde{r}t} \cdot \prod_{\delta=1}^{\Delta} \gamma_{g\delta t} d_{\delta\tilde{r}rt}^{\theta_{\tilde{g}gt}} \tag{18}$$

The next task is to define the vector of EXW profit-maximizing prices for all commodities manufactured in region $\tilde{r}$ at time t:

$$P_{g\tilde{r}t} = \frac{\sigma_g}{\sigma_g - 1} \Omega_{g\tilde{r}t} \tag{19}$$

where σ_g represents the elasticity of substitution between individual varieties of commodity g and $\Omega_{g\tilde{r}t}$ is the marginal cost function for producing commodity g in region $\tilde{r}$ at time t.

By working within price space (rather than quantity space), as dictated by the isomorphic discovery of Robert-Nicoud (2004), the EXW marginal cost function Ω_{grt} is in turn given by

$$\Omega_{grt} = \prod_{\tilde{g}=1}^{G-\Delta} \left(P_{\tilde{g}rt}\right)^{\theta_{\tilde{g}gt}} \tag{20}$$

where $G - \Delta$ is the number of nontransportation commodities, $P_{\tilde{g}rt}$ is the price index of commodity $\tilde{g}$, in region r at time t, and $\theta_{\tilde{g}gt}$ is the share of commodity $\tilde{g}$ used in production of commodity g at time t. This vastly simplifies the marginal cost functions used by others (e.g., Fan, Treyz, and Treyz 2000) in developing multisector NEG models.

The price index $P_{\tilde{g}rt}$ is given by

$$P_{\tilde{g}rt} = \sum_{\tilde{r}=1}^{R} \left(\frac{T_{\tilde{g}\tilde{r}rt}}{\sum_{\tilde{r}=1}^{R} T_{\tilde{g}\tilde{r}rt}} P_{\tilde{g}\tilde{r}rt} \right) \cdot \frac{\sum_{r=1}^{R} D_{\tilde{g}rt}}{\sum_{\tilde{r}=1}^{R} Q_{\tilde{g}\tilde{r}t}} \tag{21}$$

where R represents the total number of regions in the model. $T_{\tilde{g}\tilde{r}rt}$ is the total trade in commodity $\tilde{g}$ originating in region $\tilde{r}$ and sold to region r at time t, and $P_{\tilde{g}\tilde{r}rt}$ is the profit-maximizing price in region r of commodity $\tilde{g}$ produced in region $\tilde{r}$ at time t. The ratio of total demand in all markets, $\sum_{r=1}^{R} D_{\tilde{g}rt}$, to total supply in all markets, $\sum_{\tilde{r}=1}^{R} Q_{\tilde{g}\tilde{r}t}$, might seem superfluous. Remember that the national IO tables are balanced by design, and hence, this ratio should equal 1 and be irrelevant to the calculation—and indeed, for most commodities, this is the case. However, in the case of the state and local government commodities and, critically, the land commodity, markets are not national in scope, and this ratio is likely not going to be 1.

To generate our dynamic NEG model of the economy, it is critical that we unwrap the concept of the EXW price of good g. Within an NEG framework, the EXW price can be decomposed as

$$P_{grt} = \frac{\sum_{r=1}^{R} D_{grt}}{\sum_{r=1}^{R} Q_{grt}} \cdot \prod_{\tilde{g}=1}^{G-\Delta} \left(P_{\tilde{g}rt}\right)^{\theta_{\tilde{g}gt}} \cdot A_{gr} \tag{22}$$

That is, the EXW price P_{grt} is equal to the demand-to-supply ratio of the commodity in the market times the production-function weighted price index for all nontransportation intermediate inputs. The refinement that we must introduce at this point is the variable A_{gr}, which is the first-nature production cost of commodity g in region r and is calibrated from the EXW price equation (19). The EXW price equation (19) is correct, only if there are no location-specific price differences in production for any region, except those originating from the price of intermediate inputs. However, in the real world, regions are intrinsically heterogeneous. For example, coal mining is intrinsically more profitable in Wyoming than in Delaware, not because market access is better in Wyoming than in Delaware but because Wyoming is intrinsically different from Delaware—Wyoming has lots of rich coal deposits, and Delaware does not. Likewise, boat building will tend to be more profitable when there is a body of water in the region, and agriculture will be more profitable for regions that have the appropriate soil, etc. In a completely

homogeneous world, there would be no such first-nature differences; all A_{gr} values would be expected to equal 1, and the only other force driving the location decision would be market access. But with our CGE behavioral equations and with our trade flow calculations from the previous section, we can estimate a completely NEG model.

For each origin region $\tilde{r}$ and destination region r for each good g, we calculate the delivered price equation (18) for the last history year using our calculated EXW price $P_{g\tilde{r}t}$ from equations (19) and (20). Once we have calculated the delivered price for all regions and commodities in the last history year, we can use equation (21) to calculate the price index for every commodity and region in the last history year. Finally, the EXW price for every commodity is decomposed into its respective elements per equation (22), specifically to calibrate the first-nature differences, A_{gr}, for each good and region in the last history year. We shall assume that these first-nature differences do not fluctuate over time.

Once these calculations are made, there is certainly no guarantee that profits of all industries, in all regions will be equal. Given the monopolistic competition configuration of the model, any potential for profit will be realized in regions that can produce and deliver output at a low relative price within the various markets they serve. As such, given the behavioral equations outlined in the previous section, we can estimate an index of relative profitability for firms in sector i in region r at time t as

$$\pi_{srt} = \sum_{\tilde{g}=1}^{G} \left(\vartheta_{\tilde{g}st} \cdot \sum_{r=1}^{R} \left(\frac{T_{\tilde{g}\tilde{r}rt}}{\sum_{r=1}^{R} T_{\tilde{g}\tilde{r}rt}} \cdot \frac{P_{\tilde{g}rt}}{P_{\tilde{g}\tilde{r}rt}} \right) \right) \tag{23}$$

where π_{srt} is an index of relative profitability for sector s in region r at time t.

At this point, we must develop an output-adjustment process for the CGE model in order to recognize that the adjustment to a stable, long-run equilibrium is not an instantaneous process but rather a series of myopic steps as each sector in each region makes adjustments over time in response to their profitability signals. An output adjustment process is estimated by

$$\frac{Q_{s\tilde{r}t+1}}{\sum_{\tilde{r}=1}^{R} Q_{s\tilde{r}t+1}} = \frac{Q_{s\tilde{r}t}}{\sum_{\tilde{r}=1}^{R} Q_{s\tilde{r}t}} + \lambda_s \cdot \left(\sum_{\tilde{g}=1}^{G} \left(\vartheta_{gst+1} \cdot \sum_{r=1}^{R} \left(T_{\tilde{g}\tilde{r}rt} \cdot \frac{P_{\tilde{g}rt}}{P_{\tilde{g}\tilde{r}rt}} \right) \right) - 1 \right) \cdot \frac{Q_{s\tilde{r}t}}{\sum_{\tilde{r}=1}^{R} Q_{s\tilde{r}t}} \tag{24}$$

where $Q_{s\tilde{r}t}$ and $Q_{s\tilde{r}t+1}$ are the quantity of output in sector s in region $\tilde{r}$ at times t and $t+1$, respectively, and λ_s is the speed of adjustment of sector s to the relative profitability signal and must be econometrically estimated.

Then, using our historical data, we can use equation (24) to calculate profitability response λ_s for each sector by least squares using

$$\frac{\frac{Q_{srt+1}}{\sum_{\tilde{r}=1}^{R} Q_{s\tilde{r}t+1}}}{\frac{Q_{srt}}{\sum_{\tilde{r}=1}^{R} Q_{s\tilde{r}t}}} = 1 + \lambda_s (\pi_{srt} - 1) \tag{25}$$

based upon the calculated profitability π_{srt} and profitability response λ_s, we can then calculate the expected market shares for the first forecast year and allocate supply and demand accordingly. Based upon the new allocation of supply and demand and the estimated elasticity of substitution, we can calculate a complete and balanced set of trade flows for the first forecast year.

Then, we calculate the EXW price for each commodity, in each region, in the first forecast year by using equation (20) and the value of $P_{\tilde{g}rt-1}$ as an estimate of $P_{\tilde{g}rt}$. Using the EXW price we have just calculated, we use equation (19) to calculate the delivered price $P_{g\tilde{r}rt}$ for every good g and for every origin region $\tilde{r}$ and destination region r.

Using this estimate of delivered price, we calculate the price index for each good g and region r in the first forecast year using equation (22). Once all price indices have been updated, we can recalculate the complete menu of EXW prices to recalculate a complete set of delivered prices and then recalculate all price indices. This process is repeated until it converges completely. Because each iteration is capturing prices across a greater number of regions, the process necessarily converges very quickly.

With the delivered price and price index data for all regions and goods for the first forecast year, we can calculate sector i profitability for all industries in all regions using equation (23). Based upon the calculated profitability π_{srt} and profitability

response λ_s, we calculate the expected market shares for the second forecast year and allocate supply and demand accordingly. The whole process is then repeated for each and every year of the forecast period to build a complete county-level CGE model of the U.S. economy that is consistent with the NEG framework.

CHARACTERISTICS AND BEHAVIOR OF THE MODEL

Because of the switch from the Standard Industrial Classification (SIC) to the NAICS system for coding industries and commodities that took place over the 1997–2000 period, and because the U.S. Bureau of Economic Analysis chose not to collect data in both formats for a single overlapping year, there exists no technique that will generate even a remotely useful county-level time series that overlaps the two coding systems (Tanner and Hearn 2005). Because the model we have developed ultimately is to be applied to regional planning activity, it has been built entirely in NAICS, which means that the data series cannot be extended before 1999. As such, the model is constructed using a complete historical database that covers only the years from 1999 to 2001. The major shortcoming of this arrangement is that the model's forecasting capability cannot yet be tested against historical data; the estimation of trade flows requires two years of historical data, and that leaves only one year of historical data that could be used to test the model. This is clearly insufficient to test a structural model. So, we are left to explore characteristics of the model forecast while having to rely upon the integrity of the model logic, as opposed to its historical performance.

Because the model forecasts an enormous number of concepts, identifying data that will capture the overarching concepts of the NEG framework is a challenge. The challenge is intensified by the fact that the model forecasts the market share accruing to each county in every market, so the U.S. aggregate forecast tells us nothing about the nature of the regional model. Because the NEG model is fundamentally driven by market shares and the amount of land available, it seems the single metric that best captures the model behavior is "relative total sector output per acre." That is, the total amount of output per acre in a county relative to the total amount of output per acre in the United States. By this metric, a county with a relative total sector output per acre of 1 is producing exactly as much per acre as the United States as a whole. A county with a metric greater than 1 is, to some degree, a core county (a county that has experienced economic agglomeration), and a county with a metric smaller than 1 is, to some degree, a periphery county (a county that

has experienced economic dispersion). If the metric for a county is increasing over time, this would reflect a county that is experiencing economic agglomeration, and a metric decreasing over time would reflect a county dominated by dispersion forces, the key features of the NEG literature.

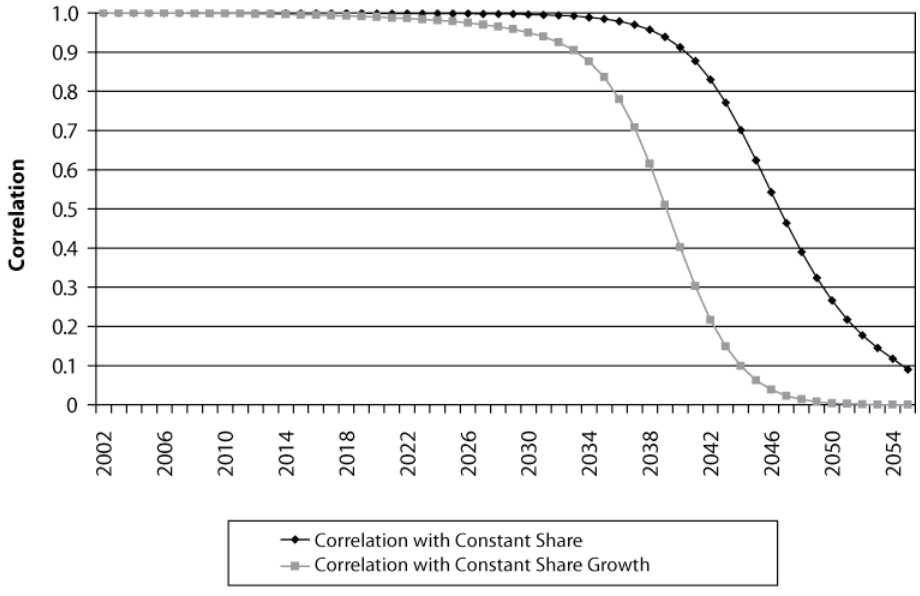
To provide a frame of reference, in 2002 the "most peripheral" county in the United States was the Yukon-Koyukuk Census Area in Alaska. With a relative output per acre measure of 0.00031, this region had an "economic density" that was .031 percent of the national average. By this same metric, the five "most peripheral" counties in the United States in 2001 were Yukon-Koyukuk Census Area, Alaska; Lake and Peninsula Borough, Alaska; Loving County, Texas; Petroleum County, Montana; and Yakutat City and Borough, Alaska.

At the other extreme, the most economically dense (or "most core") county in the United States was New York County, New York, with a relative economic density of 5803.38, meaning that output per acre in New York County is more than 5,800 times the national average output per acre. The top five most core counties in the United States in 2001 were New York County, New York; San Francisco County, California; Suffolk County, Massachusetts; the District of Columbia; and Arlington, Virginia.

Under this measure of economic density, using what we know of the NEG structure of the model, we can begin to picture how various counties might be forecast to behave within this structure. We would expect that periphery regions like Yukon-Koyukuk are likely to be very stable periphery counties and that they are likely to see little change in their economic density over time. Likewise, we might expect that the most core regions like New York County will be relatively stable in their market share. Between these two extremes, we have an array of regions that might, over the forecast period, be moving toward "greater coreness" or "greater peripheriness" if they are near their so-called "break point" (the point at which the benefits of economic agglomeration outweigh the costs, and economic agglomeration/ dispersion occurs). And we might have yet another group of midsize regions that are losing there "coreness" or "peripheryness" as they pass the sustain point for their particular equilibrium. If we look at the behavior of these counties in the aggregate, we expect to see a number of counties that are stable within their core, periphery, or dispersed equilibrium and some counties that, across the forecast period, will be making the transition from core or periphery. We have compared our forecast to two alternative, naïve forecasts, and we see a result that is largely as expected. The first

alternative forecast assumes the county share of U.S. output will remain constant throughout the forecast period, and a second assumes that the county share of U.S. output will grow at the average annual rate exhibited in the 1999–2001 historical period. Both of these forecasts would be expected to correspond well with the counties that do not approach a break or sustain point. The constant growth forecast is expected to perform comparatively well over the short term with counties that are in transition but will likely perform very poorly as those counties approach their new core or periphery position. The constant share forecast will not accurately reflect the counties while they are in transition but will not be wildly incorrect over time as those counties approach their new equilibrium and settle into a more-or-less fixed output share. By examination of the correlation coefficients over the forecast period between our model, the constant shares model, and the constant growth model, we see results consistent with our intuition (see Figure1). For the first 15 to 20 years of the forecast period, the forecasts of county-level relative output per acre are very tightly correlated among the three forecast types. The correlation of the model forecast with the constant share forecast then begins to drop off, and by the close of the forecast period, the correlation between the constant growth forecast and the NEG model forecast is virtually zero. This is consistent with the idea that counties that are experiencing share growth are in transition and not exhibiting a permanent relative growth behavior as suggested by the naïve model.

Figure 2. Correlation of the NEG Model with the Constant Output Share and Constant Output Growth Models



The constant share forecast is much more tightly correlated with the NEG model forecast for a much longer period of time. By the close of the forecast period, there is still approximately 9 percent correlation between the constant shares forecast and the NEG model forecast. Once again, this is consistent with our intuition regarding market behavior in an NEG format.

We can capture this behavior in another way, by looking at the behavior of our chosen metric, relative output per acre, within deciles. With a total of 3,110 counties, each year we divide these counties into 10 groups of 311 based upon their relative output per acre. The 311 counties in the smallest decile are, in a sense, the most peripheral, and the 311 in the largest decile are the most core. Because our metric is a county aggregate, it necessarily abstracts from the more in-depth model behavior since every sector, in every county, can have any degree of coreness or peripheral-ness. Nonetheless, if we expect that movement toward core and periphery solutions fundamentally drive the economy, we can expect some specific behaviors to appear in the data. In an economy moving toward increasing heterogeneity, we would expect the average growth rate in the very smallest regions to be either constant (if they are as peripheral as they can get) or shrinking and the growth rate of the very largest regions to be, in general, either constant (if they have reached a point of maximum coreness) or growing. Somewhere in the middle of the distribution, we might expect to see counties that are in transition to a core position or perhaps to a periphery position. A look at the growth rates by decile in Table 1 reveals some interesting patterns. First, the relative output of the smallest 311 counties is shrinking, and it is shrinking slightly faster than it is for any other decile. Deciles 2 through 6 are shrinking slightly as well, although each successive decile is shrinking slightly less. The 622 regions in deciles 8 and 9 are actually growing in share of U.S. output, suggesting that they are moving toward becoming cores. The largest 311 regions, however, are exhibiting almost no growth in share of U.S. output, suggesting that the most core U.S. counties simply cannot get any more core than they already are. These counties are likely running into the model barrier created by land prices, which simply precludes further agglomeration.

Table 1. County Relative Growth in Share of U.S. Output by Decile, 2002–2055

Decile	Average Growth Rate	Decile	Average Growth Rate
Smallest	0.9814	6	0.9990
2	0.9883	7	0.9995
3	0.9913	8	1.0045
4	0.9923	9	1.0074
5	0.9950	Largest	1.0002

AGGLOMERATION FROM A HOMOGENEOUS ECONOMY

At this point, we have evidence that the model will maintain core/periphery economies when presented with a heterogeneous economy as a starting point; in this case, we started the model with our clearly heterogeneous 2001 economy and allowed the model to go from there. However, it is interesting to test whether the model can develop a heterogeneous economy from a completely homogeneous starting point and what characteristics this artificial economy might have. To that end, the forecasting model was adjusted in a few fundamental ways. First, the input-output matrix, which evolves over time in the forecasting model, is "locked down" as the 2001 input-output matrix, which means that changes in production technology will not take place, so the economy is evolving toward some fixed equilibrium rather than an equilibrium that is itself changing due to input-output changes. Secondly, the total U.S. output for every sector in the model was spread evenly across every county in proportion to each county's share of total U.S. land area. So, a county that represents .1 percent of U.S. land area also was assigned .1 percent of total U.S. output of every sector. Thus, the model was starting from a truly dispersed "backyard capitalism" scenario.

With this starting point, a total of five alternative model specifications were built. In the first model specification, first difference values were set to 1 for all goods in all regions. That is, the model assumed that there were no first-nature differences for any production activity in any region (so coal mines, for example, could be located anywhere). Second, all impedance values, for all modes, for every region-region combination were set to 1. This means that there was also no transportation-related

advantage for any region in the model; any region would produce its output and sell it in every region (including their own) for the same price. All other characteristics of the model were left unchanged. This model was then allowed to run through 54 simulated years. It should come as absolutely no surprise that under these restrictions no agglomeration whatsoever takes place. The economy at the end of the 54 cycles remains completely homogeneous for the simple reason that with no first-nature price differences and no potential for second-nature differences, there is no force to encourage any movement from the dispersed equilibrium.

For the second scenario, we reintroduce the first difference values that were calculated for the model, but we continued to allow all goods to be shipped from any region to any region for the same price. This model effectively allows for first-nature differences but removes all second-nature differences. When this model was allowed to cycle through 54 years, the result was spectacular agglomeration—agglomeration that is much greater than that actually seen in the U.S. economy in 2001 (as measured by the standard deviation in county output per acre). The reason for the spectacular level of agglomeration is simply that with transportation costs not entering into the picture, all economic activity is strongly attracted to the places with the greatest first-nature advantage in production. Many activities that we intuitively know are significantly constrained by transportation (e.g., restaurants, gas stations, and grocery stores) will, nonetheless, cluster in a relatively small number of counties even if the first-nature price advantage is small, simply because the transportation effect has been removed.

The next incarnation of the model again removed the first-nature differences, but this time the impedance values for every mode of transportation were set to equal the straight-line distance between county centroids. Internal distances for every region were set equal to the square root of the region's land area. Under this configuration, we are removing any first-nature differences among regions and allowing second-nature differences, but those second-nature differences use the simplifying assumption that transportation costs are simply proportional to straight-line distance. When this model is allowed to continue for 54 years, it generates economic agglomerations, although the agglomerations are much more modest than those created by the first-nature difference model. The agglomeration is, of course, generated strictly through the second-nature differences in this model.

The next incarnation of the model was very similar except that the straight-line distances were replaced with the Oak Ridge impedance data. Therefore, this model included all transportation infrastructure data for second-nature differences but still included no information about first-nature differences. Not surprisingly, this model also generated economic agglomeration over the forecast period; the agglomeration was somewhat more pronounced than that generated by the straight-line distance model but still much less than the agglomeration generated by the first-nature differences themselves. The agglomeration in this model is greater than that of the straight-line distance model simply because the transportation data are much more heterogeneous than the straight-line distances. Two adjacent counties will face almost the same menu of straight-line distances and will, therefore, be almost equally preferable if that is the metric used for transportation costs. However, when a major highway, a rail line, and a port are located in one county and not the other, the difference between the two from a profitability standpoint becomes quite dramatic.

The final incarnation of the model included all of the transportation infrastructure data and all of the first-nature difference data. This version was simply the full model but run on an initially homogeneous distribution and with a constant IO table. This model exhibited somewhat more agglomeration than the model with transportation but not first-order differences. However, the model still showed much less agglomeration than the model of first-nature differences alone.

The purpose of this experiment was not simply to look at the models compared with one another but also to look at how the models might compare to the actual 2001 U.S. economy. We know that history matters, and that there are a near-infinite number of potential equilibria in an NEG mode with this many regions and sectors. However, it seems reasonable that given the distribution of first-nature differences and given our heterogeneously distributed transportation infrastructure, we might gravitate toward a similar spatial distribution of economic activity even from very different starting points. In this case, we are taking our starting point of a homogeneous economy with a fixed 2001 technology and letting each of our alternative model specifications run for 54 years to see how the resulting economy compares with the actual U.S. economy in 2001 (which obviously started from a very different starting point). Once again, we use our metric of relative output per acre for each county and will see whether any of our model configurations are correlated with the actual 2001 economy. The summary results are reported in Table 2.

Table 2. The Degree of Correlation Between the Distribution of Economic Activity in the United States in 2001 and the Distribution of Economic Activity 54 Years Removed from a Homogeneous Distribution, for Various Model Configurations

Forecast Method	Correlation with 2001 Output per County
No first-nature difference	NA
First-nature effect only	.0593
Distance effect only	.1314
Transportation effect only	.5727
Transportation and first-nature effects	.6502

The model with no first- or second-nature differences exhibits no heterogeneity at the end of 54 years, of course, so there is no correlation to discuss. The model with first-nature differences but no transportation had a very high degree of agglomeration, but the agglomeration is only minimally correlated with the agglomeration in the actual economy. Although the first-nature model might perform very well for some industries (e.g., mining) that are clearly driven by location-specific cost factors, it tells us little about industries that are more affected by market access rather than by first-nature differences.

The models that capture transportation (and hence shipping cost) are each much more strongly correlated with the actual U.S. 2001 data. The model that embeds impedance data (but without first-nature differences) generates a correlation of more than 57 percent. Finally, the full model, with first-nature differences and transportation infrastructure, manages to endogenously generate a heterogeneous economy that is more than 65 percent correlated with the 2001 U.S. economy. These correlations are surprisingly high and are no doubt driven largely by the fact that transportation generates economic agglomeration, which drives economic development, so the model is capturing the correlation between level of infrastructure and the size of the economy. In this way, the model is generating results very similar to Sutton *et al.* (1997). They tested the simple correlation between the light levels from nighttime satellite photos of the United States and the county-level income data for the United States. Their analysis found a correlation of 84 percent to 93 percent, which is in line with the numbers found in this analysis.

Although the exercise of building these alternative models has no immediate practical application, it is certainly reassuring to note the model's ability to spontaneously agglomerate a homogeneous economy in a manner consistent with NEG theory. In examining the degree of correlation between the model and the 2001 data, it also suggests a certain degree of inevitability in the specific pattern of heterogeneity observed in the U.S. economy.

Although we do not yet have a sufficient historical record against which to test the model, these results can at least reassure us that the model is behaving as we would expect given the theory.

CONCLUSION

We have integrated concepts, theories, and data from a number of different areas into a comprehensive regional economic modeling methodology consistent with the theoretical NEG literature. The case for using this approach to develop a computable general equilibrium model appears compelling, and on that basis, we believe the model takes several important steps forward in the field of applied regional economic modeling, forecasting, and impact analysis. Although the model development effort has been significant, what has been built to this point only scratches the surface of what might be possible as additional data, computing power, and theoretical work enable making increasingly simple models that can capture increasingly complex behaviors in an increasingly accurate manner.

REFERENCES

Alonso, William. 1973. National interregional demographic accounts: A prototype. *Institute of Urban and Regional Development Monograph 17.* http://www-iurd.ced.berkeley.edu.

Batten, David, and David Boyce. 1986. Spatial interaction, transportation, and interregional commodity flow models. In *Handbook of Regional and Urban Economics*, ed. Peter Nijkamp, Edwin Mills, and P.C. Cheshire, 357–406. Amsterdam: North-Holland.

Beaumont, Paul. 1990. Supply and demand interaction in integrated econometric and input-output models. *International Regional Science Review 13*, no. 2:167–81.

Bröcker, Johannes. 1990. Derivatives of flows in a doubly constrained gravity model. *Journal of Regional Science 30,* no. 2:259–268.

Ciccone, Antonio, and Robert E. Hall. 1996. Productivity and the density of economic activity. *American Economic Review 86,* no. 1:54–70.

Dixit, Avinash K., and Joseph E. Stiglitz. 1977. Monopolistic competition and optimum product diversity. *American Economic Review 67,* no. 3:297–308.

Fan, Wei, Frederick Treyz, and George Treyz. 2000. An evolutionary new economic geography model. *Journal of Regional Science 40,* no. 4:671–695.

Fotheringham, A. Stewart, and Morton O'Kelly. 1989. *Spatial Interaction Models: Formulations and Applications*. Dordrecht: Kluwer.

Fujita, Masahisa, Paul R. Krugman, and Anthony Venables. 1999. *The Spatial Economy*. Cambridge, MA: MIT Press.

Hewings, Geoffery, Michael Sonis, and David Boyce, eds. 2002. *Trade, Networks and Hierarchies: Modeling Regional and Interregional Economies*. Berlin: Springer.

Jensen, Rodney. 1990. Construction and use of regional input-output models: Progress and prospects. *International Regional Science Review 13,* no. 1:9–25.

Krugman, Paul R. 1980. Scale economies, product differentiation and the pattern of trade. *American Economic Review 70*:950–9.

Krugman, Paul R. 1991. Increasing returns and economic geography. *Journal of Political Economy 99,* no. 3:483–99.

Krugman, Paul R. 1998. Space: The final frontier. *Journal of Economic Perspectives 12,* no. 2:161–74.

Leontief, Wassily. 1941. *The Structure of the American Economy, 1919-1939*. New York: Oxford University Press.

Neary, J. Peter. 2001. Of hype and hyperbolas: Introducing the new economic geography. *Journal of Economic Literature 39,* no. 2:536–561.

Pyatt, Graham, and Jeffery Round. 1985. *Social Accounting Matrices: A Basis for Planning*. Washington, D.C.: The World Bank.

Robert-Nicoud, Frederic. 2004. The structure of simple 'new economic geography' models (or, On identical twins). *Journal of Economic Geography 4*:1–34.

Round, Jeffrey I. 2003. Constructing SAMs for development policy analysis: Lessons learned and challenges ahead. *Economic Systems Research 15,* no. 2:161–183.

Southworth, Frank. 1997. *Development of Data and Analysis Tools in Support of a National Intermodal Network Analysis Capability*. Washington, D.C.: U.S. Department of Transportation, Bureau of Transportation Statistics.

Southworth, Frank, Bruce E. Peterson, and Shih-Miao Chin. 1998. *Methodology for Estimating Freight Shipment Distances for the 1997 Commodity Flow Survey*. Washington, D.C.: U.S. Department of Transportation, Bureau of Transportation Statistics.

Stone, Richard, and Alan Brown. 1962. *A Programme for Growth, Vol.1: A Computable Model of Economic Growth.* London: Chapman and Hall.

Tanner, Thomas. 2005. Applications of new economic geography in regional economic analysis and forecasting. PhD diss., University of Georgia.

Tanner, Thomas C., and Will Hearn. 2005. Economic impact analysis. In *The Regional Economic Development Handbook*, ed. Robert Pittman, 132–165. Washington, D.C.: International Economic Development Council.

Treyz, George, Dan Rickman, and Gang Shao. 1992. The REMI economic-demographic forecasting and simulation model. *International Regional Science Review 14,* no. 3:221–253.

Wilson, Alan. 1970. *Entropy in Urban and Regional Modeling*. London: Pion.

Wilson, Alan. 1974. *Urban and Regional Models in Geography and Planning.* Chichester: John Wiley.

Appendix B:

Modeling Differences: Notes on Causes of Differences between the 2001 and 2007 MARTA Analysis

In 2001, MARTA commissioned the Carl Vinson Institute of Government to conduct an impact analysis of MARTA that was very similar in many respects to this analysis. Although the studies were similar, they were by no means identical, and the results of the two studies reflect those differences. The two studies generated similar overall impact numbers, though generally the 2007 study showed a larger initial impact and a slower growth in the magnitude of impacts than was found in the 2001 study. It is important to outline the most significant differences between these two studies so that the degree of comparability can be better understood. The primary factors driving the differences are as follows:

1. The Economic Modeling Tool Used for Each Analysis

   For the 2001 analysis, the Vinson Institute used an off-the-shelf regional economic model produced by Regional Economic Models Inc. (REMI) in Amherst, Massachusetts. Since that analysis, the Vinson Institute has devoted significant time and effort to developing its own custom, county-level economic model of the Georgia economy called the Georgia Economic Modeling System (GEMS). Although the basic economic theories underlying the two models are similar, their implementation, data sources, and level of detail are very different. The GEMS model is considered to be a much more accurate description of the nature of the Georgia economy and represents a significant improvement on the REMI model used for the original study.

2. The Historical Data Used for the Analysis

   The original study was based on MARTA data available through 2001 and regional economic data (imbedded in the REMI model) from 1998. The 2007 analysis uses data from MARTA through 2006, and the regional economic data used in the model are, likewise, through 2006. Obviously, the extra years of data will change the results of the analysis.

3. The Geographies Being Examined

   The 2001 study was limited by the geographic configuration of the REMI model. As such, the two regions that could be modeled were Georgia Department of Community Affairs (DCA) service delivery region 3, and the rest of the state of Georgia. DCA region 3 included Fulton and DeKalb counties as well as eight other counties within the Atlanta Metropolitan Statistical Area (MSA); therefore, it failed to isolate effects at the level of geographic detail that would have been most desirable. With the use of GEMS, any level of geographic detail down to the county can be examined, which allows much more accurate prediction of regional and interregional impacts.

Appendix C:
Baseline Employment by Industry

Cherokee County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	847	782	798	809	817	821	822	822	820	817	815	812	809	807
Mining	32	113	117	121	125	128	131	133	135	138	140	142	144	146
Utilities	68	63	65	66	67	68	68	69	69	70	70	70	71	71
Construction	6,598	6,724	7,047	7,347	7,626	7,887	8,133	8,368	8,598	8,827	9,059	9,295	9,534	9,774
Manufacturing	4,055	3,756	3,916	4,062	4,194	4,314	4,424	4,527	4,626	4,725	4,826	4,928	5,032	5,138
Wholesale Trade	2,131	2,145	2,245	2,337	2,422	2,500	2,572	2,640	2,706	2,771	2,837	2,904	2,972	3,039
Retail Trade	7,613	7,835	8,213	8,563	8,887	9,189	9,471	9,741	10,002	10,263	10,527	10,795	11,067	11,339
Transporatation and Warehousing	967	949	1,005	1,058	1,109	1,157	1,205	1,251	1,297	1,343	1,391	1,440	1,489	1,539
Information	470	508	539	570	600	629	657	686	714	744	775	807	840	874
Finance and Insurance	1,818	2,014	2,106	2,189	2,266	2,336	2,401	2,463	2,522	2,580	2,639	2,698	2,758	2,819
Real Estate and Rental and Leasing	2,339	2,836	2,981	3,117	3,245	3,367	3,484	3,597	3,708	3,821	3,936	4,054	4,174	4,295
Professional, Scientific, and Technical Services	2,943	3,116	3,299	3,474	3,643	3,807	3,967	4,125	4,285	4,448	4,617	4,792	4,972	5,155
Management of Companies and Enterprises	212	224	235	245	254	262	270	277	284	291	298	306	313	320
Administrative and Support and Waste Management	3,792	3,500	3,736	3,967	4,194	4,418	4,640	4,864	5,091	5,325	5,569	5,823	6,085	6,350
Educational Services	694	713	758	801	843	884	923	962	1,001	1,040	1,081	1,123	1,166	1,209
Health Care and Social Assistance	3,128	3,707	3,957	4,202	4,442	4,677	4,910	5,143	5,379	5,622	5,874	6,136	6,406	6,678
Arts, Entertainment, and Recreation	1,446	1,300	1,379	1,455	1,529	1,601	1,672	1,742	1,812	1,883	1,957	2,034	2,111	2,190
Accommodation and Food Services	3,655	4,038	4,241	4,431	4,607	4,772	4,929	5,078	5,225	5,371	5,519	5,670	5,824	5,978
Other Services (except Public Administration)	3,514	3,779	3,979	4,167	4,344	4,511	4,671	4,825	4,977	5,130	5,287	5,446	5,609	5,772
Government	6,106	6,543	6,847	7,125	7,380	7,615	7,834	8,039	8,238	8,435	8,635	8,837	9,042	9,247

Cherokee County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	806	805	805	805	806	807	809	811	813	816	819	823	827	831
Mining	149	151	153	156	158	160	163	165	167	170	172	174	177	179
Utilities	72	73	73	74	75	76	76	77	78	79	80	81	82	82
Construction	10,013	10,252	10,491	10,729	10,966	11,201	11,436	11,669	11,900	12,130	12,357	12,582	12,805	13,025
Manufacturing	5,244	5,352	5,460	5,568	5,677	5,786	5,895	6,004	6,113	6,221	6,329	6,436	6,543	6,649
Wholesale Trade	3,107	3,175	3,243	3,310	3,378	3,445	3,512	3,579	3,645	3,711	3,777	3,842	3,906	3,970
Retail Trade	11,611	11,883	12,154	12,425	12,695	12,964	13,232	13,498	13,762	14,025	14,285	14,542	14,797	15,050
Transporatation and Warehousing	1,589	1,639	1,690	1,740	1,790	1,840	1,890	1,939	1,988	2,037	2,086	2,134	2,181	2,228
Information	908	943	977	1,012	1,047	1,082	1,118	1,153	1,188	1,223	1,257	1,292	1,326	1,360
Finance and Insurance	2,880	2,940	3,001	3,062	3,122	3,182	3,243	3,303	3,362	3,422	3,480	3,539	3,597	3,654
Real Estate and Rental and Leasing	4,416	4,537	4,658	4,779	4,900	5,021	5,140	5,260	5,378	5,496	5,613	5,728	5,842	5,955
Professional, Scientific, and Technical Services	5,339	5,524	5,710	5,898	6,085	6,273	6,461	6,648	6,835	7,021	7,205	7,388	7,569	7,747
Management of Companies and Enterprises	327	335	342	349	357	364	371	378	386	393	400	407	414	421
Administrative and Support and Waste Management	6,617	6,886	7,157	7,429	7,702	7,975	8,248	8,520	8,790	9,059	9,326	9,591	9,853	10,111
Educational Services	1,252	1,296	1,339	1,383	1,426	1,470	1,513	1,556	1,599	1,641	1,683	1,725	1,766	1,806
Health Care and Social Assistance	6,953	7,229	7,507	7,785	8,063	8,342	8,619	8,896	9,172	9,445	9,717	9,985	10,251	10,513
Arts, Entertainment, and Recreation	2,268	2,347	2,426	2,504	2,583	2,661	2,739	2,816	2,893	2,969	3,044	3,119	3,192	3,264
Accommodation and Food Services	6,131	6,285	6,438	6,591	6,743	6,895	7,046	7,196	7,345	7,493	7,639	7,784	7,928	8,069
Other Services (except Public Administration)	5,935	6,098	6,262	6,425	6,587	6,749	6,910	7,070	7,229	7,387	7,543	7,698	7,851	8,002
Government	9,454	9,660	9,866	10,072	10,278	10,483	10,688	10,891	11,094	11,295	11,495	11,693	11,889	12,083

Appendix C:
Baseline Employment by Industry

Cherokee County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	835	839	844	849	854	859	864	870	875	881	887	893	899	905
Mining	181	184	186	188	191	193	195	197	199	202	204	206	208	210
Utilities	83	84	85	86	87	88	89	90	91	92	93	94	95	96
Construction	13,242	13,456	13,668	13,876	14,082	14,284	14,483	14,680	14,872	15,062	15,248	15,431	15,610	15,786
Manufacturing	6,753	6,857	6,960	7,061	7,162	7,261	7,359	7,455	7,550	7,644	7,736	7,827	7,916	8,004
Wholesale Trade	4,033	4,095	4,156	4,217	4,277	4,336	4,395	4,452	4,509	4,565	4,620	4,674	4,727	4,779
Retail Trade	15,299	15,545	15,787	16,027	16,263	16,496	16,725	16,951	17,173	17,392	17,606	17,817	18,024	18,226
Transporatation and Warehousing	2,275	2,320	2,365	2,410	2,453	2,496	2,539	2,580	2,621	2,661	2,700	2,738	2,776	2,812
Information	1,393	1,426	1,458	1,490	1,521	1,552	1,582	1,612	1,641	1,669	1,697	1,724	1,750	1,775
Finance and Insurance	3,711	3,767	3,823	3,878	3,932	3,985	4,038	4,090	4,142	4,192	4,242	4,291	4,339	4,386
Real Estate and Rental and Leasing	6,066	6,176	6,284	6,390	6,495	6,598	6,699	6,799	6,897	6,993	7,086	7,178	7,268	7,356
Professional, Scientific, and Technical Services	7,924	8,098	8,270	8,438	8,604	8,768	8,928	9,085	9,238	9,389	9,535	9,679	9,818	9,954
Management of Companies and Enterprises	427	434	441	447	454	460	467	473	479	485	491	497	502	508
Administrative and Support and Waste Management	10,366	10,617	10,864	11,107	11,345	11,579	11,809	12,033	12,253	12,468	12,677	12,880	13,078	13,271
Educational Services	1,846	1,886	1,925	1,963	2,000	2,037	2,073	2,109	2,143	2,177	2,210	2,243	2,274	2,305
Health Care and Social Assistance	10,771	11,026	11,276	11,522	11,764	12,001	12,234	12,461	12,684	12,901	13,114	13,320	13,521	13,716
Arts, Entertainment, and Recreation	3,336	3,406	3,475	3,543	3,609	3,675	3,739	3,802	3,863	3,923	3,982	4,039	4,095	4,149
Accommodation and Food Services	8,209	8,347	8,484	8,618	8,750	8,880	9,009	9,135	9,259	9,381	9,500	9,617	9,732	9,845
Other Services (except Public Administration)	8,151	8,298	8,443	8,586	8,726	8,865	9,001	9,134	9,265	9,394	9,520	9,643	9,764	9,882
Government	12,275	12,465	12,653	12,838	13,021	13,202	13,380	13,555	13,728	13,898	14,065	14,229	14,390	14,548

Cherokee County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	911	917	924	930	937	943	950	956	963	970	977	983	990
Mining	212	214	216	218	220	222	224	225	227	229	231	232	234
Utilities	96	97	98	99	100	101	102	102	103	104	105	105	106
Construction	15,958	16,126	16,291	16,451	16,608	16,761	16,910	17,054	17,195	17,331	17,463	17,590	17,713
Manufacturing	8,090	8,174	8,256	8,337	8,415	8,492	8,567	8,640	8,711	8,779	8,846	8,910	8,973
Wholesale Trade	4,830	4,880	4,929	4,976	5,023	5,069	5,113	5,157	5,199	5,240	5,279	5,318	5,355
Retail Trade	18,425	18,619	18,809	18,994	19,175	19,352	19,523	19,690	19,852	20,010	20,162	20,309	20,451
Transporatation and Warehousing	2,848	2,882	2,916	2,949	2,981	3,012	3,042	3,070	3,098	3,125	3,150	3,175	3,198
Information	1,800	1,824	1,847	1,869	1,891	1,911	1,931	1,950	1,968	1,985	2,001	2,016	2,030
Finance and Insurance	4,432	4,478	4,522	4,566	4,608	4,650	4,690	4,730	4,768	4,806	4,842	4,877	4,911
Real Estate and Rental and Leasing	7,442	7,526	7,607	7,686	7,763	7,838	7,910	7,980	8,048	8,113	8,176	8,236	8,293
Professional, Scientific, and Technical Services	10,086	10,214	10,338	10,458	10,573	10,684	10,791	10,893	10,991	11,084	11,172	11,255	11,334
Management of Companies and Enterprises	514	519	524	529	534	539	544	549	553	558	562	566	570
Administrative and Support and Waste Management	13,457	13,637	13,811	13,979	14,140	14,295	14,442	14,584	14,718	14,845	14,965	15,077	15,183
Educational Services	2,335	2,364	2,392	2,419	2,445	2,470	2,495	2,518	2,540	2,562	2,582	2,601	2,619
Health Care and Social Assistance	13,906	14,089	14,266	14,437	14,601	14,759	14,910	15,054	15,191	15,322	15,445	15,561	15,670
Arts, Entertainment, and Recreation	4,202	4,253	4,303	4,351	4,398	4,443	4,486	4,528	4,567	4,605	4,642	4,676	4,709
Accommodation and Food Services	9,955	10,062	10,167	10,269	10,369	10,466	10,561	10,652	10,741	10,826	10,909	10,989	11,066
Other Services (except Public Administration)	9,997	10,109	10,218	10,325	10,428	10,529	10,626	10,720	10,811	10,898	10,982	11,063	11,140
Government	14,703	14,854	15,003	15,148	15,290	15,428	15,562	15,694	15,821	15,945	16,064	16,180	16,292

Appendix C:
Baseline Employment by Industry

Clayton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	78	564	560	557	555	554	553	552	552	552	552	552	552	553
Mining	912	633	629	625	622	620	618	616	615	614	613	612	611	610
Utilities	2,071	1,546	1,516	1,488	1,462	1,438	1,415	1,394	1,373	1,353	1,333	1,314	1,296	1,279
Construction	6,125	5,846	5,870	5,902	5,942	5,989	6,041	6,097	6,157	6,219	6,281	6,345	6,410	6,474
Manufacturing	7,453	6,807	6,789	6,778	6,775	6,777	6,784	6,796	6,812	6,830	6,850	6,872	6,898	6,925
Wholesale Trade	4,444	4,557	4,570	4,589	4,611	4,638	4,668	4,701	4,736	4,772	4,808	4,845	4,883	4,920
Retail Trade	16,269	15,297	15,363	15,447	15,550	15,667	15,797	15,937	16,085	16,237	16,392	16,549	16,709	16,867
Transporatation and Warehousing	37,250	35,039	35,386	35,775	36,203	36,667	37,163	37,685	38,229	38,788	39,359	39,942	40,533	41,116
Information	1,507	1,511	1,517	1,526	1,537	1,550	1,564	1,579	1,596	1,614	1,632	1,651	1,671	1,690
Finance and Insurance	2,452	2,460	2,461	2,464	2,470	2,479	2,489	2,500	2,512	2,525	2,538	2,551	2,565	2,579
Real Estate and Rental and Leasing	3,720	4,174	4,210	4,253	4,302	4,356	4,416	4,480	4,547	4,616	4,687	4,760	4,835	4,908
Professional, Scientific, and Technical Services	5,507	5,277	5,363	5,458	5,561	5,673	5,792	5,918	6,050	6,188	6,330	6,478	6,628	6,778
Management of Companies and Enterprises	1,503	1,544	1,550	1,558	1,568	1,578	1,589	1,602	1,614	1,627	1,641	1,654	1,668	1,682
Administrative and Support and Waste Management	8,457	8,356	8,578	8,818	9,075	9,351	9,642	9,950	10,273	10,610	10,959	11,321	11,692	12,060
Educational Services	604	635	647	659	673	687	702	718	734	751	768	785	803	820
Health Care and Social Assistance	9,555	9,630	9,827	10,040	10,268	10,511	10,768	11,039	11,320	11,612	11,913	12,224	12,540	12,853
Arts, Entertainment, and Recreation	1,311	1,164	1,183	1,204	1,227	1,252	1,278	1,306	1,335	1,365	1,396	1,428	1,460	1,491
Accommodation and Food Services	9,775	9,954	10,015	10,090	10,175	10,271	10,376	10,488	10,605	10,726	10,848	10,972	11,099	11,223
Other Services (except Public Administration)	6,407	6,370	6,421	6,480	6,547	6,621	6,702	6,787	6,876	6,967	7,061	7,156	7,253	7,349
Government	15,056	15,722	15,753	15,802	15,868	15,947	16,039	16,141	16,249	16,361	16,476	16,593	16,716	16,839

Clayton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	553	554	555	555	556	557	559	560	561	563	564	566	567	569
Mining	610	609	609	609	609	609	610	610	611	612	613	614	615	616
Utilities	1,264	1,250	1,237	1,226	1,215	1,206	1,197	1,190	1,183	1,177	1,171	1,167	1,163	1,159
Construction	6,537	6,599	6,660	6,721	6,780	6,838	6,896	6,952	7,008	7,064	7,118	7,172	7,225	7,277
Manufacturing	6,954	6,985	7,017	7,051	7,085	7,121	7,157	7,194	7,232	7,270	7,309	7,348	7,388	7,428
Wholesale Trade	4,957	4,994	5,031	5,068	5,104	5,140	5,175	5,211	5,246	5,281	5,316	5,351	5,386	5,420
Retail Trade	17,023	17,177	17,329	17,479	17,627	17,773	17,917	18,060	18,201	18,340	18,478	18,614	18,749	18,882
Transporatation and Warehousing	41,690	42,256	42,814	43,362	43,903	44,434	44,956	45,470	45,976	46,472	46,960	47,440	47,912	48,374
Information	1,710	1,730	1,750	1,769	1,789	1,808	1,828	1,847	1,866	1,884	1,903	1,921	1,940	1,958
Finance and Insurance	2,593	2,608	2,622	2,636	2,651	2,665	2,680	2,694	2,709	2,724	2,738	2,753	2,768	2,783
Real Estate and Rental and Leasing	4,981	5,053	5,123	5,193	5,261	5,328	5,394	5,459	5,523	5,586	5,648	5,708	5,768	5,826
Professional, Scientific, and Technical Services	6,926	7,073	7,218	7,361	7,502	7,642	7,779	7,914	8,046	8,176	8,304	8,429	8,551	8,671
Management of Companies and Enterprises	1,695	1,709	1,722	1,735	1,748	1,762	1,775	1,787	1,800	1,813	1,826	1,838	1,851	1,863
Administrative and Support and Waste Management	12,425	12,787	13,145	13,498	13,846	14,189	14,526	14,857	15,182	15,501	15,813	16,117	16,415	16,706
Educational Services	838	854	871	887	903	919	935	950	965	979	993	1,007	1,021	1,034
Health Care and Social Assistance	13,163	13,468	13,769	14,065	14,357	14,644	14,925	15,202	15,472	15,738	15,997	16,251	16,499	16,741
Arts, Entertainment, and Recreation	1,522	1,553	1,583	1,612	1,641	1,669	1,697	1,724	1,750	1,776	1,801	1,825	1,849	1,873
Accommodation and Food Services	11,346	11,467	11,586	11,702	11,818	11,931	12,042	12,152	12,260	12,367	12,472	12,575	12,677	12,778
Other Services (except Public Administration)	7,443	7,536	7,628	7,717	7,806	7,893	7,978	8,063	8,145	8,227	8,307	8,385	8,463	8,539
Government	16,961	17,083	17,204	17,325	17,445	17,565	17,685	17,804	17,922	18,040	18,157	18,274	18,391	18,506

Appendix C:
Baseline Employment by Industry

Clayton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	571	573	575	577	579	581	583	586	588	591	593	596	599	602
Mining	618	619	621	623	625	627	629	631	633	636	638	641	644	647
Utilities	1,157	1,154	1,153	1,152	1,151	1,151	1,151	1,152	1,153	1,155	1,157	1,159	1,162	1,165
Construction	7,329	7,380	7,431	7,481	7,532	7,582	7,632	7,682	7,732	7,783	7,833	7,884	7,935	7,986
Manufacturing	7,469	7,510	7,551	7,593	7,635	7,678	7,722	7,766	7,810	7,855	7,901	7,948	7,995	8,043
Wholesale Trade	5,454	5,488	5,522	5,556	5,591	5,625	5,659	5,694	5,729	5,764	5,799	5,835	5,871	5,908
Retail Trade	19,014	19,145	19,275	19,405	19,534	19,663	19,792	19,921	20,050	20,180	20,310	20,441	20,573	20,706
Transporatation and Warehousing	48,829	49,277	49,718	50,154	50,584	51,009	51,429	51,846	52,260	52,671	53,079	53,486	53,890	54,294
Information	1,975	1,993	2,010	2,027	2,044	2,061	2,078	2,094	2,111	2,127	2,144	2,160	2,176	2,192
Finance and Insurance	2,798	2,813	2,828	2,844	2,859	2,875	2,891	2,907	2,923	2,939	2,956	2,973	2,990	3,008
Real Estate and Rental and Leasing	5,883	5,939	5,994	6,049	6,102	6,155	6,207	6,259	6,310	6,361	6,412	6,462	6,512	6,561
Professional, Scientific, and Technical Services	8,788	8,903	9,015	9,124	9,232	9,338	9,441	9,543	9,643	9,741	9,837	9,932	10,025	10,117
Management of Companies and Enterprises	1,875	1,888	1,900	1,912	1,925	1,937	1,949	1,962	1,974	1,987	1,999	2,012	2,025	2,038
Administrative and Support and Waste Management	16,989	17,265	17,534	17,797	18,053	18,304	18,548	18,787	19,020	19,248	19,471	19,688	19,901	20,109
Educational Services	1,047	1,059	1,072	1,084	1,096	1,108	1,119	1,130	1,141	1,152	1,163	1,174	1,184	1,194
Health Care and Social Assistance	16,978	17,209	17,434	17,655	17,871	18,082	18,290	18,493	18,692	18,887	19,079	19,267	19,452	19,634
Arts, Entertainment, and Recreation	1,895	1,918	1,940	1,961	1,982	2,002	2,022	2,042	2,061	2,081	2,099	2,118	2,136	2,154
Accommodation and Food Services	12,877	12,975	13,072	13,168	13,264	13,359	13,453	13,547	13,642	13,736	13,830	13,924	14,019	14,114
Other Services (except Public Administration)	8,613	8,687	8,760	8,832	8,903	8,973	9,043	9,112	9,181	9,249	9,318	9,386	9,454	9,522
Government	18,622	18,737	18,853	18,968	19,084	19,200	19,317	19,434	19,552	19,671	19,791	19,913	20,036	20,160

Clayton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	605	608	611	615	618	622	626	629	633	638	642	646	651
Mining	650	653	656	660	663	667	671	675	679	684	688	693	698
Utilities	1,169	1,173	1,178	1,182	1,188	1,193	1,200	1,206	1,213	1,220	1,228	1,236	1,245
Construction	8,038	8,090	8,143	8,197	8,251	8,305	8,361	8,417	8,474	8,532	8,590	8,650	8,710
Manufacturing	8,092	8,141	8,192	8,243	8,296	8,349	8,403	8,458	8,514	8,572	8,630	8,690	8,751
Wholesale Trade	5,945	5,982	6,020	6,059	6,098	6,138	6,178	6,219	6,261	6,303	6,346	6,390	6,435
Retail Trade	20,841	20,976	21,113	21,251	21,392	21,533	21,677	21,823	21,970	22,120	22,272	22,426	22,583
Transporatation and Warehousing	54,696	55,098	55,500	55,901	56,304	56,706	57,110	57,515	57,921	58,329	58,738	59,150	59,564
Information	2,208	2,225	2,241	2,257	2,273	2,289	2,305	2,322	2,338	2,355	2,371	2,388	2,404
Finance and Insurance	3,026	3,044	3,063	3,081	3,101	3,120	3,140	3,161	3,182	3,203	3,225	3,247	3,270
Real Estate and Rental and Leasing	6,610	6,660	6,709	6,758	6,807	6,856	6,905	6,954	7,003	7,053	7,102	7,152	7,202
Professional, Scientific, and Technical Services	10,207	10,296	10,384	10,471	10,556	10,640	10,724	10,806	10,887	10,968	11,047	11,126	11,203
Management of Companies and Enterprises	2,051	2,064	2,077	2,091	2,104	2,118	2,132	2,147	2,161	2,176	2,191	2,206	2,221
Administrative and Support and Waste Management	20,312	20,511	20,706	20,896	21,082	21,264	21,442	21,616	21,786	21,953	22,116	22,275	22,430
Educational Services	1,205	1,215	1,225	1,234	1,244	1,254	1,263	1,273	1,282	1,292	1,301	1,310	1,319
Health Care and Social Assistance	19,812	19,988	20,162	20,332	20,500	20,666	20,829	20,991	21,150	21,306	21,461	21,614	21,765
Arts, Entertainment, and Recreation	2,172	2,190	2,208	2,225	2,242	2,259	2,276	2,293	2,310	2,327	2,343	2,360	2,376
Accommodation and Food Services	14,209	14,305	14,401	14,499	14,597	14,696	14,796	14,897	14,999	15,102	15,206	15,312	15,419
Other Services (except Public Administration)	9,590	9,658	9,726	9,794	9,863	9,932	10,001	10,071	10,141	10,212	10,283	10,355	10,427
Government	20,286	20,413	20,542	20,673	20,806	20,941	21,078	21,217	21,359	21,503	21,649	21,798	21,950

Appendix C:
Baseline Employment by Industry

Cobb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	434	440	436	431	425	420	414	408	402	397	391	385	380	375
Mining	317	299	300	302	302	303	304	304	304	305	305	306	306	307
Utilities	1,101	1,102	1,101	1,099	1,095	1,091	1,086	1,081	1,075	1,069	1,064	1,058	1,053	1,048
Construction	34,462	32,821	33,437	34,036	34,621	35,197	35,768	36,336	36,906	37,481	38,063	38,651	39,247	39,838
Manufacturing	17,053	15,945	15,965	15,965	15,950	15,923	15,888	15,847	15,805	15,763	15,724	15,687	15,661	15,646
Wholesale Trade	31,257	30,499	31,034	31,541	32,027	32,495	32,950	33,396	33,839	34,281	34,728	35,177	35,634	36,087
Retail Trade	49,519	46,922	47,813	48,669	49,499	50,309	51,104	51,892	52,678	53,469	54,267	55,075	55,893	56,704
Transporatation and Warehousing	9,775	9,418	9,677	9,931	10,183	10,433	10,683	10,935	11,189	11,449	11,714	11,984	12,256	12,527
Information	14,646	13,034	13,324	13,610	13,896	14,183	14,474	14,771	15,075	15,389	15,716	16,054	16,403	16,755
Finance and Insurance	19,560	20,413	20,773	21,116	21,447	21,767	22,080	22,389	22,696	23,004	23,316	23,631	23,951	24,269
Real Estate and Rental and Leasing	18,715	20,728	21,151	21,567	21,977	22,386	22,794	23,205	23,620	24,041	24,471	24,908	25,353	25,795
Professional, Scientific, and Technical Services	37,906	37,775	39,038	40,313	41,606	42,922	44,268	45,650	47,075	48,550	50,081	51,669	53,299	54,931
Management of Companies and Enterprises	14,147	11,939	12,164	12,377	12,579	12,774	12,962	13,146	13,328	13,509	13,693	13,877	14,065	14,251
Administrative and Support and Waste Management	31,431	32,756	34,085	35,441	36,828	38,251	39,716	41,230	42,798	44,427	46,122	47,887	49,700	51,516
Educational Services	4,313	4,541	4,693	4,844	4,994	5,145	5,296	5,449	5,604	5,762	5,925	6,092	6,261	6,429
Health Care and Social Assistance	27,006	27,857	28,838	29,822	30,813	31,815	32,832	33,871	34,934	36,029	37,159	38,325	39,516	40,703
Arts, Entertainment, and Recreation	8,150	7,732	7,960	8,189	8,417	8,648	8,881	9,117	9,358	9,604	9,857	10,116	10,379	10,639
Accommodation and Food Services	27,329	27,273	27,840	28,391	28,928	29,455	29,977	30,496	31,016	31,540	32,072	32,610	33,155	33,695
Other Services (except Public Administration)	19,112	19,942	20,402	20,851	21,293	21,730	22,165	22,601	23,040	23,485	23,938	24,399	24,867	25,331
Government	32,637	33,032	33,573	34,085	34,573	35,043	35,499	35,947	36,391	36,836	37,285	37,739	38,204	38,668

Cobb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	371	367	363	360	357	355	353	351	349	348	347	346	345	344
Mining	307	308	309	310	311	312	313	315	316	317	319	320	322	323
Utilities	1,045	1,042	1,039	1,037	1,036	1,035	1,035	1,035	1,036	1,036	1,038	1,039	1,041	1,044
Construction	40,422	41,000	41,571	42,136	42,695	43,246	43,791	44,329	44,860	45,384	45,901	46,411	46,914	47,410
Manufacturing	15,640	15,645	15,657	15,678	15,706	15,740	15,781	15,827	15,878	15,935	15,995	16,060	16,128	16,200
Wholesale Trade	36,538	36,986	37,431	37,873	38,311	38,746	39,177	39,605	40,029	40,449	40,865	41,278	41,686	42,090
Retail Trade	57,508	58,305	59,093	59,874	60,646	61,410	62,166	62,913	63,651	64,381	65,102	65,814	66,517	67,210
Transporatation and Warehousing	12,796	13,062	13,326	13,588	13,846	14,102	14,355	14,605	14,851	15,094	15,333	15,568	15,800	16,027
Information	17,109	17,465	17,821	18,177	18,533	18,888	19,241	19,592	19,941	20,286	20,628	20,966	21,300	21,629
Finance and Insurance	24,586	24,901	25,214	25,524	25,832	26,138	26,441	26,741	27,039	27,333	27,625	27,914	28,200	28,483
Real Estate and Rental and Leasing	26,234	26,669	27,099	27,526	27,947	28,364	28,777	29,184	29,585	29,982	30,373	30,758	31,137	31,510
Professional, Scientific, and Technical Services	56,562	58,190	59,811	61,424	63,026	64,615	66,189	67,745	69,282	70,798	72,291	73,760	75,204	76,620
Management of Companies and Enterprises	14,436	14,620	14,803	14,985	15,165	15,343	15,521	15,696	15,871	16,043	16,215	16,384	16,552	16,718
Administrative and Support and Waste Management	53,332	55,144	56,950	58,746	60,529	62,297	64,047	65,777	67,485	69,168	70,824	72,453	74,051	75,617
Educational Services	6,596	6,762	6,925	7,087	7,247	7,404	7,560	7,713	7,864	8,012	8,158	8,301	8,442	8,579
Health Care and Social Assistance	41,885	43,059	44,225	45,380	46,524	47,655	48,773	49,876	50,962	52,032	53,084	54,118	55,132	56,126
Arts, Entertainment, and Recreation	10,898	11,153	11,406	11,655	11,901	12,144	12,383	12,618	12,850	13,077	13,300	13,520	13,735	13,945
Accommodation and Food Services	34,230	34,759	35,281	35,798	36,309	36,813	37,312	37,803	38,288	38,767	39,239	39,704	40,162	40,614
Other Services (except Public Administration)	25,791	26,247	26,698	27,144	27,584	28,020	28,449	28,873	29,291	29,703	30,109	30,509	30,902	31,289
Government	39,130	39,590	40,048	40,504	40,957	41,407	41,854	42,297	42,738	43,175	43,608	44,037	44,463	44,884

Appendix C:
Baseline Employment by Industry

Cobb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	344	344	344	344	344	344	345	345	346	347	348	349	350	351
Mining	325	327	328	330	332	334	336	338	339	341	343	345	348	350
Utilities	1,046	1,049	1,052	1,055	1,059	1,063	1,067	1,071	1,076	1,081	1,086	1,091	1,096	1,102
Construction	47,899	48,381	48,857	49,327	49,792	50,252	50,707	51,159	51,606	52,049	52,489	52,925	53,359	53,790
Manufacturing	16,275	16,353	16,434	16,517	16,603	16,692	16,783	16,876	16,971	17,068	17,168	17,269	17,373	17,479
Wholesale Trade	42,490	42,886	43,279	43,669	44,055	44,439	44,820	45,198	45,575	45,950	46,322	46,693	47,063	47,431
Retail Trade	67,895	68,571	69,239	69,900	70,554	71,202	71,844	72,480	73,110	73,736	74,357	74,975	75,588	76,197
Transporatation and Warehousing	16,251	16,471	16,687	16,900	17,109	17,315	17,518	17,717	17,914	18,107	18,298	18,486	18,671	18,853
Information	21,953	22,272	22,586	22,895	23,199	23,498	23,792	24,082	24,366	24,646	24,921	25,191	25,456	25,716
Finance and Insurance	28,762	29,039	29,313	29,584	29,853	30,120	30,385	30,648	30,909	31,168	31,426	31,682	31,938	32,192
Real Estate and Rental and Leasing	31,877	32,239	32,595	32,947	33,293	33,634	33,972	34,304	34,633	34,958	35,279	35,597	35,911	36,222
Professional, Scientific, and Technical Services	78,008	79,369	80,702	82,009	83,288	84,541	85,768	86,969	88,143	89,292	90,415	91,513	92,586	93,633
Management of Companies and Enterprises	16,882	17,044	17,206	17,365	17,524	17,681	17,837	17,992	18,145	18,298	18,450	18,601	18,752	18,902
Administrative and Support and Waste Management	77,150	78,651	80,120	81,557	82,962	84,336	85,678	86,989	88,269	89,518	90,736	91,923	93,080	94,207
Educational Services	8,714	8,847	8,976	9,103	9,228	9,350	9,470	9,588	9,703	9,816	9,927	10,036	10,142	10,247
Health Care and Social Assistance	57,100	58,053	58,988	59,903	60,799	61,676	62,536	63,377	64,200	65,006	65,795	66,566	67,320	68,058
Arts, Entertainment, and Recreation	14,151	14,353	14,551	14,745	14,936	15,122	15,306	15,485	15,662	15,835	16,005	16,172	16,336	16,497
Accommodation and Food Services	41,058	41,497	41,929	42,356	42,777	43,193	43,605	44,011	44,414	44,813	45,207	45,599	45,986	46,371
Other Services (except Public Administration)	31,669	32,043	32,411	32,774	33,131	33,483	33,830	34,172	34,510	34,843	35,173	35,498	35,819	36,136
Government	45,301	45,715	46,125	46,531	46,935	47,336	47,734	48,130	48,524	48,916	49,305	49,694	50,080	50,466

Cobb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	353	354	356	358	359	361	363	365	368	370	372	375	378
Mining	352	354	356	358	361	363	365	368	370	373	375	378	381
Utilities	1,107	1,113	1,120	1,126	1,133	1,139	1,146	1,154	1,161	1,169	1,177	1,185	1,193
Construction	54,218	54,644	55,068	55,490	55,910	56,329	56,746	57,162	57,576	57,990	58,403	58,814	59,225
Manufacturing	17,586	17,696	17,808	17,921	18,037	18,154	18,274	18,396	18,519	18,645	18,773	18,903	19,035
Wholesale Trade	47,799	48,165	48,530	48,894	49,258	49,621	49,984	50,346	50,709	51,071	51,433	51,795	52,157
Retail Trade	76,803	77,406	78,006	78,604	79,199	79,792	80,383	80,972	81,560	82,146	82,731	83,314	83,896
Transporatation and Warehousing	19,033	19,210	19,385	19,557	19,726	19,893	20,058	20,221	20,381	20,539	20,694	20,848	20,999
Information	25,972	26,222	26,468	26,710	26,946	27,178	27,405	27,627	27,845	28,058	28,266	28,470	28,669
Finance and Insurance	32,444	32,696	32,947	33,197	33,447	33,695	33,943	34,191	34,438	34,685	34,931	35,177	35,423
Real Estate and Rental and Leasing	36,529	36,834	37,136	37,435	37,731	38,024	38,316	38,604	38,891	39,175	39,457	39,737	40,014
Professional, Scientific, and Technical Services	94,656	95,653	96,626	97,575	98,498	99,398	100,272	101,123	101,949	102,750	103,528	104,281	105,010
Management of Companies and Enterprises	19,051	19,199	19,347	19,494	19,641	19,788	19,934	20,080	20,225	20,370	20,515	20,660	20,804
Administrative and Support and Waste Management	95,303	96,370	97,406	98,412	99,388	100,334	101,250	102,136	102,993	103,819	104,616	105,382	106,119
Educational Services	10,349	10,450	10,548	10,645	10,740	10,832	10,923	11,012	11,099	11,183	11,267	11,348	11,427
Health Care and Social Assistance	68,779	69,483	70,171	70,843	71,499	72,138	72,762	73,370	73,962	74,538	75,098	75,643	76,171
Arts, Entertainment, and Recreation	16,655	16,810	16,963	17,113	17,260	17,405	17,547	17,686	17,824	17,958	18,090	18,220	18,347
Accommodation and Food Services	46,752	47,131	47,507	47,880	48,251	48,619	48,986	49,350	49,712	50,072	50,430	50,787	51,142
Other Services (except Public Administration)	36,450	36,761	37,067	37,371	37,671	37,969	38,263	38,554	38,843	39,128	39,411	39,691	39,968
Government	50,850	51,233	51,615	51,997	52,377	52,758	53,137	53,517	53,896	54,275	54,655	55,034	55,413

Appendix C:
Baseline Employment by Industry

DeKalb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	1,123	1,433	1,412	1,393	1,376	1,361	1,346	1,333	1,321	1,309	1,298	1,287	1,276	1,267
Mining	406	413	411	409	407	406	405	404	404	403	403	402	402	402
Utilities	2,270	2,280	2,245	2,212	2,182	2,153	2,126	2,100	2,075	2,051	2,027	2,004	1,982	1,962
Construction	23,918	22,344	22,470	22,622	22,800	22,999	23,217	23,451	23,695	23,946	24,201	24,460	24,724	24,984
Manufacturing	24,906	22,941	22,875	22,824	22,787	22,762	22,748	22,743	22,744	22,751	22,761	22,774	22,797	22,827
Wholesale Trade	23,045	21,863	21,959	22,075	22,209	22,358	22,521	22,695	22,876	23,062	23,250	23,441	23,637	23,831
Retail Trade	44,545	42,642	42,890	43,183	43,515	43,883	44,282	44,706	45,148	45,601	46,061	46,527	47,003	47,472
Transporatation and Warehousing	16,175	15,604	15,826	16,065	16,320	16,591	16,876	17,173	17,480	17,797	18,120	18,450	18,774	19,094
Information	20,079	16,390	16,470	16,568	16,684	16,816	16,962	17,121	17,291	17,469	17,654	17,846	18,045	18,247
Finance and Insurance	20,790	19,427	19,490	19,571	19,671	19,785	19,913	20,051	20,197	20,347	20,500	20,655	20,816	20,976
Real Estate and Rental and Leasing	17,821	21,607	21,736	21,893	22,077	22,285	22,513	22,758	23,015	23,282	23,554	23,832	24,116	24,397
Professional, Scientific, and Technical Services	33,100	31,204	31,811	32,470	33,180	33,939	34,746	35,596	36,488	37,417	38,379	39,377	40,400	41,418
Management of Companies and Enterprises	6,926	6,298	6,334	6,374	6,419	6,468	6,519	6,574	6,630	6,688	6,746	6,805	6,865	6,925
Administrative and Support and Waste Management	30,546	30,521	31,358	32,254	33,212	34,229	35,305	36,437	37,622	38,857	40,139	41,470	42,832	44,186
Educational Services	19,671	20,661	21,078	21,518	21,981	22,467	22,974	23,501	24,045	24,605	25,178	25,765	26,361	26,949
Health Care and Social Assistance	38,131	39,370	40,175	41,034	41,947	42,912	43,928	44,989	46,094	47,236	48,414	49,627	50,863	52,088
Arts, Entertainment, and Recreation	8,195	8,332	8,474	8,628	8,794	8,971	9,158	9,354	9,559	9,769	9,985	10,207	10,431	10,652
Accommodation and Food Services	23,160	22,475	22,647	22,843	23,061	23,299	23,555	23,825	24,105	24,393	24,685	24,982	25,284	25,581
Other Services (except Public Administration)	23,140	23,464	23,706	23,973	24,265	24,578	24,911	25,261	25,624	25,996	26,376	26,763	27,157	27,545
Government	42,804	44,168	44,243	44,361	44,518	44,709	44,930	45,173	45,434	45,704	45,981	46,264	46,572	46,881

DeKalb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,260	1,252	1,246	1,241	1,236	1,232	1,229	1,226	1,224	1,222	1,221	1,220	1,220	1,220
Mining	402	402	402	402	402	402	403	403	404	405	406	406	407	408
Utilities	1,944	1,928	1,913	1,899	1,887	1,877	1,867	1,859	1,851	1,845	1,840	1,835	1,832	1,829
Construction	25,240	25,492	25,741	25,985	26,227	26,464	26,698	26,929	27,157	27,381	27,603	27,821	28,037	28,250
Manufacturing	22,866	22,911	22,963	23,020	23,083	23,151	23,224	23,301	23,382	23,467	23,556	23,648	23,744	23,842
Wholesale Trade	24,024	24,215	24,405	24,593	24,780	24,966	25,150	25,334	25,516	25,696	25,876	26,055	26,232	26,409
Retail Trade	47,935	48,393	48,844	49,290	49,730	50,165	50,594	51,018	51,437	51,851	52,261	52,665	53,066	53,461
Transporatation and Warehousing	19,410	19,722	20,030	20,333	20,631	20,925	21,214	21,498	21,777	22,052	22,321	22,585	22,845	23,099
Information	18,450	18,653	18,857	19,062	19,266	19,470	19,673	19,875	20,076	20,276	20,474	20,671	20,866	21,059
Finance and Insurance	21,135	21,294	21,452	21,609	21,766	21,922	22,077	22,231	22,385	22,538	22,691	22,843	22,994	23,144
Real Estate and Rental and Leasing	24,674	24,948	25,219	25,486	25,750	26,010	26,267	26,520	26,769	27,015	27,258	27,497	27,733	27,965
Professional, Scientific, and Technical Services	42,429	43,432	44,426	45,409	46,380	47,338	48,282	49,212	50,126	51,023	51,904	52,767	53,613	54,439
Management of Companies and Enterprises	6,985	7,044	7,102	7,160	7,218	7,275	7,332	7,389	7,445	7,500	7,555	7,610	7,665	7,719
Administrative and Support and Waste Management	45,531	46,864	48,184	49,487	50,774	52,042	53,291	54,518	55,723	56,904	58,062	59,194	60,301	61,381
Educational Services	27,527	28,097	28,658	29,209	29,751	30,282	30,804	31,315	31,816	32,307	32,787	33,257	33,717	34,166
Health Care and Social Assistance	53,299	54,496	55,677	56,841	57,988	59,116	60,225	61,314	62,383	63,431	64,457	65,463	66,446	67,407
Arts, Entertainment, and Recreation	10,870	11,083	11,293	11,500	11,702	11,900	12,094	12,284	12,471	12,653	12,831	13,005	13,175	13,341
Accommodation and Food Services	25,874	26,162	26,446	26,725	27,000	27,271	27,537	27,800	28,059	28,314	28,565	28,812	29,056	29,296
Other Services (except Public Administration)	27,927	28,303	28,673	29,038	29,396	29,749	30,095	30,436	30,771	31,101	31,424	31,742	32,055	32,362
Government	47,191	47,502	47,814	48,126	48,439	48,752	49,065	49,378	49,691	50,004	50,317	50,630	50,943	51,255

Appendix C:
Baseline Employment by Industry

DeKalb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	1,221	1,222	1,223	1,225	1,227	1,229	1,232	1,235	1,238	1,242	1,246	1,250	1,255	1,260
Mining	409	411	412	413	414	416	417	419	421	422	424	426	428	430
Utilities	1,827	1,826	1,825	1,826	1,826	1,828	1,830	1,833	1,836	1,840	1,845	1,850	1,856	1,862
Construction	28,460	28,669	28,875	29,080	29,284	29,487	29,689	29,891	30,093	30,295	30,498	30,701	30,906	31,111
Manufacturing	23,943	24,048	24,155	24,265	24,378	24,494	24,613	24,735	24,860	24,988	25,120	25,254	25,392	25,533
Wholesale Trade	26,584	26,759	26,933	27,108	27,282	27,457	27,632	27,807	27,984	28,162	28,341	28,521	28,703	28,887
Retail Trade	53,853	54,241	54,626	55,010	55,391	55,772	56,152	56,531	56,911	57,292	57,674	58,058	58,443	58,831
Transporatation and Warehousing	23,348	23,593	23,834	24,071	24,304	24,534	24,761	24,985	25,206	25,425	25,641	25,856	26,068	26,279
Information	21,250	21,439	21,626	21,812	21,996	22,179	22,361	22,542	22,721	22,900	23,078	23,256	23,433	23,609
Finance and Insurance	23,294	23,443	23,593	23,742	23,891	24,041	24,192	24,343	24,495	24,649	24,803	24,959	25,116	25,275
Real Estate and Rental and Leasing	28,194	28,421	28,645	28,866	29,086	29,305	29,522	29,738	29,953	30,168	30,383	30,597	30,812	31,027
Professional, Scientific, and Technical Services	55,247	56,037	56,811	57,567	58,308	59,033	59,743	60,439	61,121	61,790	62,446	63,089	63,721	64,340
Management of Companies and Enterprises	7,773	7,826	7,879	7,933	7,986	8,039	8,092	8,145	8,199	8,253	8,307	8,361	8,416	8,471
Administrative and Support and Waste Management	62,435	63,463	64,466	65,446	66,402	67,336	68,248	69,139	70,009	70,859	71,689	72,501	73,294	74,069
Educational Services	34,605	35,035	35,455	35,868	36,272	36,668	37,057	37,439	37,815	38,185	38,549	38,908	39,261	39,610
Health Care and Social Assistance	68,346	69,264	70,162	71,041	71,902	72,746	73,573	74,384	75,180	75,962	76,730	77,484	78,226	78,955
Arts, Entertainment, and Recreation	13,503	13,662	13,817	13,969	14,118	14,264	14,407	14,548	14,687	14,824	14,959	15,092	15,223	15,353
Accommodation and Food Services	29,533	29,767	29,999	30,228	30,455	30,681	30,906	31,130	31,353	31,576	31,799	32,022	32,245	32,468
Other Services (except Public Administration)	32,664	32,961	33,253	33,542	33,828	34,110	34,389	34,666	34,941	35,214	35,485	35,755	36,024	36,293
Government	51,567	51,879	52,192	52,506	52,822	53,139	53,459	53,780	54,105	54,433	54,764	55,099	55,437	55,780

DeKalb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,265	1,271	1,277	1,283	1,290	1,297	1,304	1,312	1,320	1,328	1,337	1,346	1,355
Mining	432	434	436	439	441	444	446	449	452	455	458	461	464
Utilities	1,869	1,876	1,884	1,893	1,902	1,911	1,922	1,933	1,944	1,956	1,969	1,982	1,996
Construction	31,318	31,526	31,736	31,948	32,161	32,378	32,596	32,817	33,041	33,267	33,496	33,729	33,965
Manufacturing	25,678	25,826	25,978	26,134	26,293	26,456	26,623	26,794	26,969	27,148	27,332	27,520	27,712
Wholesale Trade	29,072	29,260	29,449	29,641	29,836	30,033	30,233	30,435	30,641	30,850	31,061	31,277	31,495
Retail Trade	59,221	59,615	60,011	60,412	60,816	61,225	61,638	62,056	62,479	62,907	63,341	63,781	64,227
Transporatation and Warehousing	26,489	26,697	26,903	27,109	27,314	27,518	27,721	27,924	28,127	28,329	28,530	28,732	28,933
Information	23,785	23,961	24,137	24,313	24,489	24,665	24,842	25,018	25,196	25,373	25,552	25,731	25,911
Finance and Insurance	25,436	25,598	25,763	25,930	26,099	26,270	26,444	26,621	26,800	26,982	27,167	27,355	27,546
Real Estate and Rental and Leasing	31,243	31,459	31,677	31,895	32,115	32,336	32,559	32,784	33,010	33,239	33,470	33,703	33,938
Professional, Scientific, and Technical Services	64,949	65,546	66,133	66,710	67,277	67,834	68,382	68,920	69,450	69,971	70,484	70,988	71,484
Management of Companies and Enterprises	8,527	8,583	8,640	8,697	8,755	8,813	8,873	8,933	8,993	9,055	9,117	9,181	9,245
Administrative and Support and Waste Management	74,827	75,567	76,291	76,999	77,690	78,366	79,027	79,673	80,303	80,920	81,522	82,110	82,683
Educational Services	39,954	40,293	40,629	40,960	41,288	41,612	41,933	42,251	42,566	42,877	43,187	43,493	43,797
Health Care and Social Assistance	79,673	80,379	81,075	81,760	82,436	83,102	83,758	84,406	85,046	85,676	86,299	86,914	87,522
Arts, Entertainment, and Recreation	15,481	15,608	15,733	15,857	15,981	16,103	16,225	16,345	16,465	16,584	16,703	16,821	16,939
Accommodation and Food Services	32,693	32,918	33,144	33,372	33,601	33,832	34,064	34,299	34,535	34,774	35,016	35,259	35,506
Other Services (except Public Administration)	36,561	36,828	37,096	37,363	37,631	37,899	38,168	38,438	38,709	38,981	39,254	39,529	39,805
Government	56,128	56,480	56,837	57,199	57,567	57,941	58,321	58,707	59,100	59,499	59,906	60,319	60,740

Appendix C:
Baseline Employment by Industry

Fayette County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	491	332	340	346	351	354	356	357	358	358	358	358	358	359
Mining	187	5	5	5	6	6	6	6	6	6	6	6	6	6
Utilities	496	234	243	252	260	267	273	279	284	290	296	302	308	314
Construction	5,311	5,024	5,279	5,517	5,737	5,943	6,137	6,322	6,502	6,682	6,865	7,051	7,239	7,428
Manufacturing	4,813	4,477	4,648	4,798	4,930	5,044	5,145	5,235	5,319	5,401	5,484	5,567	5,653	5,740
Wholesale Trade	2,309	2,356	2,473	2,580	2,678	2,769	2,853	2,932	3,009	3,084	3,161	3,238	3,317	3,396
Retail Trade	7,302	7,515	7,898	8,254	8,582	8,888	9,174	9,446	9,710	9,974	10,241	10,512	10,787	11,062
Transporatation and Warehousing	1,316	2,410	2,555	2,693	2,824	2,949	3,069	3,187	3,303	3,421	3,543	3,667	3,794	3,921
Information	545	542	568	591	613	632	651	668	685	701	718	736	753	771
Finance and Insurance	1,735	1,790	1,878	1,958	2,032	2,099	2,162	2,221	2,278	2,335	2,392	2,450	2,509	2,568
Real Estate and Rental and Leasing	2,802	3,522	3,715	3,898	4,071	4,235	4,393	4,545	4,697	4,849	5,006	5,167	5,331	5,496
Professional, Scientific, and Technical Services	3,397	3,254	3,448	3,632	3,809	3,979	4,144	4,305	4,467	4,631	4,802	4,977	5,158	5,341
Management of Companies and Enterprises	185	173	182	190	197	204	211	217	222	228	234	240	246	252
Administrative and Support and Waste Management	3,082	3,099	3,319	3,535	3,747	3,956	4,164	4,373	4,585	4,804	5,033	5,271	5,518	5,767
Educational Services	419	487	519	550	580	609	637	664	692	720	749	779	809	840
Health Care and Social Assistance	4,005	4,153	4,433	4,704	4,967	5,223	5,474	5,724	5,975	6,233	6,499	6,776	7,060	7,347
Arts, Entertainment, and Recreation	1,261	1,265	1,345	1,423	1,497	1,570	1,641	1,711	1,781	1,853	1,927	2,003	2,081	2,160
Accommodation and Food Services	3,100	3,278	3,452	3,614	3,765	3,906	4,039	4,167	4,291	4,416	4,543	4,672	4,803	4,934
Other Services (except Public Administration)	3,316	3,514	3,715	3,905	4,084	4,253	4,416	4,573	4,728	4,884	5,044	5,208	5,374	5,542
Government	4,750	4,968	5,211	5,435	5,640	5,828	6,003	6,167	6,326	6,483	6,642	6,804	6,968	7,133

Fayette County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	359	360	361	363	364	366	367	369	371	374	376	378	381	383
Mining	7	7	7	7	7	7	7	7	7	7	8	8	8	8
Utilities	320	327	333	340	347	353	360	367	374	381	388	395	402	408
Construction	7,617	7,805	7,994	8,182	8,370	8,557	8,743	8,927	9,111	9,293	9,474	9,653	9,830	10,005
Manufacturing	5,829	5,920	6,013	6,106	6,201	6,296	6,392	6,489	6,587	6,684	6,782	6,880	6,978	7,076
Wholesale Trade	3,474	3,553	3,632	3,711	3,790	3,869	3,947	4,025	4,103	4,180	4,257	4,333	4,408	4,483
Retail Trade	11,338	11,614	11,890	12,165	12,439	12,713	12,986	13,257	13,526	13,794	14,059	14,322	14,583	14,841
Transporatation and Warehousing	4,049	4,178	4,306	4,435	4,563	4,692	4,820	4,947	5,074	5,200	5,324	5,448	5,570	5,691
Information	789	807	825	844	862	880	898	917	935	953	971	989	1,007	1,025
Finance and Insurance	2,627	2,687	2,746	2,805	2,864	2,923	2,982	3,041	3,099	3,158	3,215	3,273	3,329	3,385
Real Estate and Rental and Leasing	5,662	5,828	5,994	6,160	6,327	6,492	6,658	6,822	6,986	7,148	7,309	7,469	7,627	7,783
Professional, Scientific, and Technical Services	5,525	5,710	5,896	6,084	6,271	6,459	6,646	6,834	7,020	7,206	7,390	7,573	7,754	7,933
Management of Companies and Enterprises	258	263	269	275	281	287	293	299	305	311	317	323	328	334
Administrative and Support and Waste Management	6,020	6,274	6,531	6,789	7,047	7,307	7,566	7,825	8,083	8,340	8,595	8,848	9,098	9,346
Educational Services	871	902	933	964	995	1,026	1,057	1,088	1,119	1,149	1,180	1,210	1,239	1,269
Health Care and Social Assistance	7,636	7,927	8,219	8,512	8,805	9,098	9,391	9,683	9,973	10,261	10,548	10,831	11,112	11,389
Arts, Entertainment, and Recreation	2,239	2,318	2,397	2,477	2,556	2,635	2,713	2,791	2,869	2,946	3,022	3,098	3,173	3,246
Accommodation and Food Services	5,065	5,197	5,328	5,459	5,590	5,721	5,850	5,979	6,107	6,235	6,361	6,486	6,610	6,732
Other Services (except Public Administration)	5,709	5,877	6,045	6,213	6,381	6,548	6,714	6,880	7,044	7,207	7,369	7,529	7,688	7,844
Government	7,298	7,463	7,629	7,795	7,960	8,125	8,290	8,454	8,617	8,779	8,941	9,100	9,259	9,416

Appendix C:
Baseline Employment by Industry

Fayette County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	386	389	392	394	397	400	403	406	410	413	416	419	422	425
Mining	8	8	8	8	8	8	9	9	9	9	9	9	9	9
Utilities	415	422	429	435	442	448	455	461	467	474	480	486	491	497
Construction	10,178	10,349	10,517	10,683	10,847	11,008	11,167	11,323	11,477	11,627	11,776	11,921	12,063	12,203
Manufacturing	7,173	7,270	7,366	7,462	7,557	7,651	7,744	7,837	7,928	8,019	8,108	8,196	8,284	8,369
Wholesale Trade	4,556	4,629	4,702	4,773	4,843	4,913	4,981	5,049	5,115	5,180	5,244	5,308	5,369	5,430
Retail Trade	15,095	15,347	15,595	15,840	16,081	16,320	16,554	16,785	17,012	17,235	17,454	17,669	17,880	18,086
Transporatation and Warehousing	5,811	5,928	6,044	6,158	6,271	6,381	6,490	6,596	6,701	6,803	6,903	7,001	7,097	7,190
Information	1,042	1,059	1,077	1,093	1,110	1,127	1,143	1,159	1,175	1,190	1,206	1,221	1,235	1,250
Finance and Insurance	3,441	3,496	3,550	3,604	3,657	3,710	3,761	3,812	3,862	3,911	3,960	4,007	4,054	4,100
Real Estate and Rental and Leasing	7,937	8,088	8,238	8,385	8,530	8,673	8,813	8,951	9,086	9,218	9,348	9,474	9,598	9,719
Professional, Scientific, and Technical Services	8,110	8,285	8,457	8,626	8,793	8,957	9,118	9,276	9,431	9,582	9,730	9,875	10,016	10,153
Management of Companies and Enterprises	340	345	351	356	361	367	372	377	382	387	392	397	401	406
Administrative and Support and Waste Management	9,590	9,831	10,068	10,301	10,530	10,755	10,975	11,191	11,402	11,608	11,809	12,005	12,195	12,380
Educational Services	1,297	1,326	1,354	1,381	1,408	1,435	1,461	1,487	1,512	1,536	1,560	1,584	1,606	1,629
Health Care and Social Assistance	11,662	11,932	12,197	12,458	12,714	12,966	13,213	13,455	13,692	13,923	14,149	14,369	14,584	14,792
Arts, Entertainment, and Recreation	3,319	3,390	3,460	3,530	3,597	3,664	3,729	3,794	3,856	3,918	3,977	4,036	4,093	4,148
Accommodation and Food Services	6,852	6,972	7,089	7,205	7,319	7,432	7,542	7,651	7,758	7,863	7,966	8,067	8,166	8,263
Other Services (except Public Administration)	7,998	8,151	8,301	8,449	8,594	8,737	8,878	9,016	9,151	9,284	9,414	9,542	9,666	9,787
Government	9,571	9,725	9,877	10,027	10,175	10,321	10,464	10,606	10,746	10,883	11,018	11,150	11,280	11,408

Fayette County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	429	432	435	438	442	445	448	451	455	458	461	464	468
Mining	9	9	9	9	10	10	10	10	10	10	10	10	10
Utilities	503	508	514	519	524	529	534	538	543	547	551	555	559
Construction	12,339	12,472	12,602	12,729	12,853	12,973	13,090	13,204	13,313	13,420	13,522	13,621	13,717
Manufacturing	8,454	8,537	8,619	8,699	8,778	8,855	8,930	9,004	9,076	9,147	9,215	9,282	9,347
Wholesale Trade	5,490	5,548	5,605	5,660	5,715	5,767	5,819	5,869	5,917	5,964	6,010	6,054	6,096
Retail Trade	18,288	18,485	18,678	18,866	19,050	19,228	19,401	19,569	19,732	19,890	20,042	20,189	20,330
Transporatation and Warehousing	7,281	7,369	7,455	7,538	7,618	7,696	7,771	7,843	7,912	7,979	8,042	8,102	8,160
Information	1,264	1,277	1,291	1,304	1,317	1,329	1,341	1,353	1,364	1,375	1,386	1,396	1,406
Finance and Insurance	4,144	4,188	4,231	4,273	4,314	4,354	4,393	4,430	4,467	4,503	4,537	4,570	4,602
Real Estate and Rental and Leasing	9,837	9,952	10,063	10,171	10,276	10,378	10,476	10,571	10,662	10,749	10,833	10,913	10,989
Professional, Scientific, and Technical Services	10,286	10,416	10,541	10,662	10,779	10,892	11,000	11,104	11,203	11,298	11,388	11,473	11,553
Management of Companies and Enterprises	410	415	419	423	427	431	435	439	443	446	450	453	456
Administrative and Support and Waste Management	12,558	12,731	12,898	13,058	13,212	13,359	13,500	13,634	13,761	13,881	13,995	14,100	14,199
Educational Services	1,650	1,671	1,691	1,711	1,730	1,748	1,765	1,782	1,798	1,813	1,828	1,841	1,854
Health Care and Social Assistance	14,994	15,190	15,379	15,562	15,738	15,907	16,069	16,224	16,371	16,511	16,644	16,769	16,886
Arts, Entertainment, and Recreation	4,202	4,254	4,305	4,354	4,401	4,447	4,491	4,533	4,573	4,611	4,648	4,682	4,715
Accommodation and Food Services	8,358	8,450	8,540	8,628	8,713	8,796	8,876	8,954	9,029	9,102	9,172	9,240	9,304
Other Services (except Public Administration)	9,906	10,021	10,133	10,242	10,347	10,449	10,548	10,643	10,735	10,823	10,907	10,988	11,065
Government	11,532	11,655	11,774	11,890	12,004	12,115	12,222	12,327	12,428	12,527	12,621	12,713	12,801

Appendix C:
Baseline Employment by Industry

Fulton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	1,983	1,940	1,922	1,906	1,891	1,878	1,867	1,856	1,846	1,837	1,829	1,820	1,813	1,807
Mining	464	440	438	437	436	435	434	433	433	432	432	431	431	431
Utilities	141	2,927	2,907	2,888	2,872	2,856	2,843	2,831	2,819	2,809	2,800	2,791	2,784	2,779
Construction	29,249	28,531	28,767	29,027	29,310	29,613	29,934	30,270	30,618	30,973	31,334	31,699	32,071	32,438
Manufacturing	40,858	39,720	39,669	39,636	39,619	39,619	39,633	39,660	39,697	39,744	39,797	39,857	39,935	40,027
Wholesale Trade	52,414	50,224	50,578	50,958	51,363	51,791	52,239	52,703	53,180	53,666	54,157	54,653	55,160	55,664
Retail Trade	71,142	66,431	66,995	67,602	68,250	68,936	69,657	70,406	71,177	71,963	72,759	73,565	74,386	75,197
Transporatation and Warehousing	56,480	51,268	51,775	52,310	52,872	53,461	54,074	54,710	55,364	56,033	56,714	57,408	58,095	58,778
Information	65,955	61,452	62,237	63,088	64,003	64,981	66,021	67,118	68,270	69,471	70,718	72,014	73,351	74,693
Finance and Insurance	60,196	59,696	60,043	60,423	60,833	61,272	61,735	62,220	62,720	63,230	63,748	64,273	64,812	65,351
Real Estate and Rental and Leasing	34,901	39,906	40,273	40,678	41,120	41,596	42,102	42,633	43,185	43,753	44,333	44,924	45,528	46,125
Professional, Scientific, and Technical Services	96,571	92,706	94,863	97,143	99,549	102,081	104,737	107,515	110,411	113,416	116,530	119,755	123,056	126,342
Management of Companies and Enterprises	22,247	20,292	20,462	20,638	20,822	21,013	21,210	21,412	21,618	21,828	22,039	22,253	22,471	22,688
Administrative and Support and Waste Management	80,263	75,076	77,393	79,843	82,429	85,155	88,020	91,022	94,159	97,427	100,823	104,353	107,970	111,574
Educational Services	18,816	19,683	20,133	20,599	21,083	21,583	22,100	22,633	23,181	23,744	24,321	24,912	25,512	26,104
Health Care and Social Assistance	57,874	59,521	60,931	62,407	63,950	65,561	67,240	68,984	70,791	72,659	74,584	76,570	78,595	80,603
Arts, Entertainment, and Recreation	15,074	15,586	15,858	16,144	16,444	16,758	17,086	17,425	17,775	18,134	18,501	18,876	19,257	19,632
Accommodation and Food Services	63,690	61,992	62,622	63,297	64,017	64,777	65,574	66,402	67,255	68,125	69,008	69,904	70,814	71,712
Other Services (except Public Administration)	37,326	38,325	38,835	39,375	39,943	40,538	41,158	41,801	42,463	43,141	43,831	44,535	45,250	45,956
Government	101,382	101,735	102,243	102,807	103,427	104,096	104,810	105,561	106,340	107,139	107,951	108,777	109,654	110,531

Fulton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,802	1,797	1,794	1,792	1,790	1,789	1,789	1,789	1,790	1,791	1,793	1,796	1,799	1,802
Mining	431	431	431	431	432	433	433	434	435	436	437	438	440	441
Utilities	2,776	2,774	2,774	2,775	2,777	2,780	2,785	2,790	2,796	2,804	2,812	2,820	2,830	2,839
Construction	32,799	33,155	33,507	33,853	34,194	34,531	34,862	35,189	35,512	35,830	36,144	36,453	36,759	37,060
Manufacturing	40,133	40,250	40,378	40,515	40,662	40,817	40,980	41,150	41,326	41,509	41,697	41,890	42,088	42,291
Wholesale Trade	56,163	56,659	57,152	57,640	58,125	58,606	59,083	59,557	60,027	60,494	60,957	61,417	61,874	62,327
Retail Trade	75,998	76,790	77,571	78,343	79,106	79,859	80,603	81,338	82,064	82,781	83,490	84,190	84,882	85,566
Transporatation and Warehousing	59,457	60,132	60,801	61,466	62,124	62,777	63,424	64,064	64,698	65,325	65,945	66,558	67,164	67,763
Information	76,035	77,376	78,713	80,044	81,368	82,683	83,986	85,276	86,552	87,813	89,057	90,283	91,491	92,677
Finance and Insurance	65,888	66,424	66,958	67,490	68,019	68,547	69,072	69,595	70,116	70,634	71,150	71,664	72,175	72,683
Real Estate and Rental and Leasing	46,715	47,299	47,876	48,445	49,007	49,561	50,108	50,648	51,180	51,704	52,220	52,729	53,231	53,724
Professional, Scientific, and Technical Services	129,608	132,850	136,062	139,241	142,383	145,485	148,543	151,554	154,517	157,428	160,285	163,086	165,831	168,514
Management of Companies and Enterprises	22,903	23,116	23,328	23,538	23,747	23,953	24,159	24,362	24,564	24,765	24,963	25,161	25,357	25,551
Administrative and Support and Waste Management	115,159	118,718	122,247	125,740	129,193	132,600	135,959	139,265	142,514	145,705	148,833	151,897	154,895	157,821
Educational Services	26,688	27,264	27,832	28,390	28,939	29,479	30,009	30,530	31,040	31,541	32,031	32,511	32,981	33,440
Health Care and Social Assistance	82,593	84,563	86,509	88,430	90,325	92,191	94,028	95,834	97,608	99,350	101,057	102,730	104,368	105,969
Arts, Entertainment, and Recreation	20,003	20,367	20,726	21,079	21,426	21,766	22,101	22,429	22,752	23,067	23,377	23,680	23,978	24,268
Accommodation and Food Services	72,596	73,468	74,326	75,172	76,006	76,827	77,636	78,432	79,217	79,990	80,751	81,502	82,241	82,969
Other Services (except Public Administration)	46,652	47,339	48,015	48,681	49,337	49,982	50,617	51,241	51,856	52,459	53,053	53,636	54,209	54,772
Government	111,408	112,284	113,159	114,033	114,904	115,773	116,639	117,503	118,364	119,222	120,076	120,927	121,775	122,619

Appendix C:
Baseline Employment by Industry

Fulton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	1,806	1,810	1,815	1,820	1,825	1,831	1,837	1,844	1,850	1,858	1,865	1,873	1,882	1,891
Mining	442	444	445	447	449	451	452	454	456	458	461	463	465	467
Utilities	2,850	2,861	2,872	2,884	2,897	2,910	2,923	2,937	2,952	2,966	2,982	2,997	3,013	3,030
Construction	37,357	37,651	37,943	38,231	38,518	38,803	39,086	39,369	39,651	39,932	40,214	40,495	40,777	41,060
Manufacturing	42,498	42,709	42,925	43,144	43,368	43,597	43,829	44,067	44,309	44,555	44,806	45,062	45,323	45,589
Wholesale Trade	62,777	63,225	63,671	64,115	64,559	65,002	65,446	65,890	66,335	66,781	67,229	67,679	68,132	68,588
Retail Trade	86,242	86,912	87,576	88,235	88,890	89,543	90,192	90,840	91,488	92,134	92,781	93,429	94,079	94,730
Transporatation and Warehousing	68,355	68,940	69,520	70,095	70,665	71,232	71,794	72,354	72,912	73,467	74,021	74,574	75,126	75,677
Information	93,844	94,991	96,120	97,230	98,323	99,398	100,457	101,500	102,528	103,541	104,539	105,524	106,495	107,453
Finance and Insurance	73,188	73,693	74,196	74,698	75,200	75,703	76,207	76,712	77,219	77,728	78,240	78,756	79,274	79,797
Real Estate and Rental and Leasing	54,210	54,690	55,164	55,632	56,096	56,555	57,010	57,462	57,911	58,358	58,802	59,245	59,687	60,128
Professional, Scientific, and Technical Services	171,139	173,706	176,218	178,675	181,081	183,436	185,742	188,000	190,211	192,378	194,501	196,581	198,620	200,619
Management of Companies and Enterprises	25,743	25,935	26,125	26,315	26,504	26,693	26,882	27,070	27,259	27,448	27,638	27,828	28,019	28,210
Administrative and Support and Waste Management	160,679	163,468	166,192	168,852	171,448	173,984	176,459	178,876	181,236	183,540	185,789	187,985	190,128	192,220
Educational Services	33,889	34,329	34,759	35,181	35,595	36,000	36,399	36,790	37,174	37,551	37,923	38,288	38,648	39,002
Health Care and Social Assistance	107,534	109,065	110,564	112,030	113,466	114,872	116,250	117,601	118,925	120,224	121,498	122,748	123,976	125,181
Arts, Entertainment, and Recreation	24,553	24,832	25,106	25,375	25,639	25,898	26,154	26,405	26,653	26,898	27,139	27,378	27,614	27,847
Accommodation and Food Services	83,686	84,394	85,094	85,787	86,473	87,154	87,830	88,502	89,171	89,837	90,501	91,164	91,826	92,488
Other Services (except Public Administration)	55,325	55,868	56,404	56,931	57,452	57,966	58,474	58,977	59,474	59,968	60,457	60,943	61,426	61,906
Government	123,460	124,298	125,136	125,973	126,810	127,649	128,489	129,333	130,180	131,031	131,888	132,750	133,619	134,494

Fulton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,900	1,909	1,919	1,929	1,940	1,951	1,963	1,975	1,987	2,000	2,013	2,027	2,041
Mining	470	472	475	478	480	483	486	489	492	496	499	502	506
Utilities	3,047	3,064	3,082	3,101	3,119	3,139	3,158	3,179	3,199	3,221	3,242	3,265	3,287
Construction	41,344	41,629	41,915	42,203	42,493	42,785	43,080	43,376	43,676	43,978	44,283	44,592	44,903
Manufacturing	45,860	46,137	46,419	46,707	47,000	47,299	47,604	47,915	48,233	48,557	48,887	49,224	49,568
Wholesale Trade	69,046	69,509	69,975	70,445	70,920	71,399	71,884	72,373	72,869	73,370	73,877	74,390	74,910
Retail Trade	95,384	96,041	96,701	97,366	98,035	98,709	99,388	100,073	100,764	101,461	102,166	102,877	103,596
Transporatation and Warehousing	76,229	76,781	77,334	77,887	78,443	78,999	79,558	80,119	80,683	81,250	81,820	82,393	82,969
Information	108,399	109,333	110,255	111,166	112,066	112,956	113,835	114,705	115,565	116,416	117,259	118,092	118,918
Finance and Insurance	80,324	80,855	81,392	81,934	82,482	83,035	83,596	84,162	84,736	85,317	85,906	86,502	87,107
Real Estate and Rental and Leasing	60,569	61,009	61,450	61,891	62,333	62,775	63,220	63,666	64,113	64,563	65,016	65,470	65,928
Professional, Scientific, and Technical Services	202,578	204,500	206,384	208,231	210,043	211,820	213,563	215,272	216,949	218,593	220,205	221,786	223,336
Management of Companies and Enterprises	28,403	28,597	28,793	28,989	29,187	29,387	29,589	29,792	29,997	30,205	30,414	30,626	30,840
Administrative and Support and Waste Management	194,262	196,254	198,197	200,093	201,941	203,744	205,500	207,212	208,879	210,502	212,081	213,617	215,110
Educational Services	39,351	39,695	40,035	40,369	40,700	41,026	41,347	41,665	41,979	42,290	42,597	42,900	43,200
Health Care and Social Assistance	126,364	127,527	128,669	129,792	130,895	131,980	133,047	134,095	135,127	136,141	137,139	138,121	139,086
Arts, Entertainment, and Recreation	28,078	28,307	28,533	28,758	28,981	29,202	29,422	29,641	29,858	30,074	30,289	30,503	30,716
Accommodation and Food Services	93,150	93,814	94,479	95,146	95,815	96,487	97,163	97,842	98,526	99,213	99,906	100,604	101,307
Other Services (except Public Administration)	62,383	62,859	63,333	63,805	64,277	64,747	65,218	65,688	66,158	66,628	67,099	67,570	68,043
Government	135,377	136,269	137,169	138,078	138,998	139,928	140,869	141,822	142,787	143,765	144,755	145,759	146,777

Appendix C:
Baseline Employment by Industry

Gwinnett County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	759	943	947	950	950	950	948	946	943	940	937	934	931	929
Mining	102	5	5	5	6	6	6	6	6	6	6	6	6	6
Utilities	474	461	464	466	467	467	466	465	464	463	462	460	459	459
Construction	29,598	28,409	29,167	29,884	30,566	31,220	31,853	32,471	33,083	33,697	34,319	34,947	35,584	36,216
Manufacturing	34,124	27,813	28,232	28,594	28,909	29,184	29,428	29,652	29,864	30,075	30,290	30,508	30,740	30,983
Wholesale Trade	35,959	34,697	35,579	36,399	37,164	37,883	38,567	39,224	39,868	40,509	41,154	41,804	42,463	43,119
Retail Trade	50,143	49,584	50,917	52,170	53,353	54,479	55,561	56,613	57,650	58,688	59,736	60,795	61,868	62,935
Transporatation and Warehousing	7,447	7,027	7,284	7,532	7,774	8,010	8,242	8,474	8,706	8,942	9,183	9,430	9,676	9,922
Information	12,508	13,860	14,303	14,732	15,151	15,564	15,975	16,389	16,809	17,243	17,692	18,159	18,641	19,128
Finance and Insurance	18,705	19,549	19,982	20,379	20,744	21,083	21,400	21,702	21,995	22,286	22,578	22,872	23,170	23,469
Real Estate and Rental and Leasing	10,292	11,343	11,693	12,031	12,359	12,679	12,995	13,309	13,625	13,945	14,273	14,608	14,949	15,289
Professional, Scientific, and Technical Services	25,006	25,197	26,201	27,193	28,178	29,162	30,154	31,159	32,188	33,250	34,351	35,494	36,668	37,848
Management of Companies and Enterprises	6,318	6,425	6,597	6,756	6,905	7,044	7,177	7,304	7,428	7,551	7,676	7,801	7,928	8,055
Administrative and Support and Waste Management	30,708	33,003	34,525	36,045	37,571	39,110	40,671	42,264	43,902	45,596	47,358	49,190	51,073	52,963
Educational Services	4,005	3,924	4,087	4,246	4,402	4,556	4,708	4,861	5,015	5,172	5,333	5,499	5,667	5,835
Health Care and Social Assistance	17,415	18,857	19,677	20,487	21,291	22,091	22,895	23,707	24,535	25,385	26,263	27,170	28,098	29,026
Arts, Entertainment, and Recreation	4,334	4,050	4,206	4,359	4,511	4,661	4,810	4,961	5,114	5,270	5,430	5,594	5,761	5,928
Accommodation and Food Services	23,605	23,547	24,226	24,869	25,481	26,068	26,636	27,191	27,741	28,294	28,853	29,420	29,994	30,564
Other Services (except Public Administration)	17,891	18,454	19,007	19,533	20,038	20,525	20,999	21,465	21,930	22,399	22,877	23,362	23,856	24,347
Government	27,017	27,129	27,781	28,384	28,945	29,470	29,967	30,445	30,912	31,377	31,846	32,319	32,804	33,289

Gwinnett County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	928	928	928	928	929	930	932	934	936	939	942	945	948	952
Mining	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Utilities	458	458	458	458	459	459	460	461	462	464	465	467	469	471
Construction	36,844	37,466	38,083	38,694	39,299	39,898	40,491	41,077	41,656	42,229	42,794	43,351	43,902	44,444
Manufacturing	31,235	31,496	31,764	32,038	32,318	32,604	32,893	33,187	33,483	33,783	34,084	34,387	34,692	34,997
Wholesale Trade	43,772	44,422	45,068	45,711	46,349	46,982	47,611	48,235	48,853	49,467	50,074	50,675	51,271	51,859
Retail Trade	63,994	65,046	66,090	67,125	68,151	69,168	70,175	71,172	72,159	73,134	74,098	75,051	75,992	76,920
Transporatation and Warehousing	10,167	10,411	10,652	10,893	11,131	11,366	11,600	11,830	12,058	12,283	12,505	12,724	12,940	13,151
Information	19,618	20,112	20,607	21,103	21,600	22,096	22,591	23,083	23,573	24,058	24,540	25,016	25,486	25,950
Finance and Insurance	23,769	24,068	24,367	24,665	24,963	25,260	25,556	25,850	26,144	26,436	26,726	27,014	27,300	27,584
Real Estate and Rental and Leasing	15,627	15,964	16,298	16,630	16,959	17,285	17,608	17,927	18,243	18,554	18,861	19,164	19,462	19,755
Professional, Scientific, and Technical Services	39,031	40,216	41,399	42,581	43,757	44,928	46,090	47,243	48,385	49,514	50,629	51,729	52,812	53,877
Management of Companies and Enterprises	8,181	8,306	8,431	8,555	8,679	8,801	8,922	9,043	9,163	9,281	9,399	9,515	9,630	9,744
Administrative and Support and Waste Management	54,857	56,752	58,644	60,531	62,409	64,275	66,127	67,963	69,778	71,572	73,342	75,086	76,802	78,486
Educational Services	6,002	6,169	6,333	6,497	6,659	6,820	6,978	7,135	7,290	7,443	7,593	7,741	7,886	8,029
Health Care and Social Assistance	29,952	30,875	31,795	32,709	33,617	34,517	35,408	36,290	37,161	38,021	38,869	39,703	40,523	41,328
Arts, Entertainment, and Recreation	6,093	6,258	6,421	6,582	6,742	6,900	7,056	7,210	7,361	7,511	7,658	7,803	7,945	8,084
Accommodation and Food Services	31,131	31,692	32,249	32,801	33,348	33,889	34,424	34,954	35,477	35,994	36,504	37,007	37,504	37,993
Other Services (except Public Administration)	24,836	25,322	25,804	26,283	26,757	27,227	27,692	28,153	28,608	29,057	29,501	29,938	30,370	30,795
Government	33,772	34,254	34,734	35,212	35,688	36,161	36,631	37,098	37,562	38,022	38,478	38,930	39,378	39,821

Appendix C:
Baseline Employment by Industry

Gwinnett County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	956	960	965	969	974	979	984	989	994	1,000	1,005	1,011	1,017	1,023
Mining	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Utilities	473	475	477	479	481	484	486	489	492	494	497	500	503	506
Construction	44,979	45,506	46,026	46,539	47,045	47,545	48,039	48,527	49,009	49,485	49,955	50,420	50,880	51,335
Manufacturing	35,303	35,609	35,916	36,223	36,529	36,836	37,143	37,449	37,756	38,062	38,367	38,673	38,978	39,283
Wholesale Trade	52,441	53,017	53,587	54,150	54,708	55,261	55,808	56,350	56,886	57,418	57,944	58,466	58,983	59,495
Retail Trade	77,836	78,740	79,633	80,514	81,385	82,245	83,095	83,935	84,765	85,586	86,398	87,200	87,994	88,779
Transporatation and Warehousing	13,359	13,564	13,765	13,963	14,158	14,349	14,536	14,721	14,902	15,080	15,255	15,427	15,595	15,761
Information	26,407	26,858	27,301	27,737	28,166	28,587	29,001	29,407	29,806	30,196	30,579	30,954	31,321	31,680
Finance and Insurance	27,866	28,146	28,424	28,699	28,973	29,245	29,514	29,782	30,049	30,313	30,576	30,837	31,097	31,355
Real Estate and Rental and Leasing	20,043	20,327	20,605	20,880	21,149	21,415	21,676	21,932	22,184	22,432	22,676	22,916	23,152	23,383
Professional, Scientific, and Technical Services	54,923	55,950	56,959	57,948	58,918	59,869	60,800	61,712	62,604	63,477	64,330	65,162	65,975	66,768
Management of Companies and Enterprises	9,856	9,967	10,077	10,186	10,294	10,401	10,506	10,610	10,714	10,816	10,917	11,018	11,117	11,215
Administrative and Support and Waste Management	80,139	81,760	83,349	84,907	86,432	87,924	89,385	90,812	92,207	93,568	94,897	96,192	97,453	98,681
Educational Services	8,169	8,307	8,442	8,574	8,704	8,832	8,957	9,079	9,199	9,317	9,432	9,545	9,655	9,763
Health Care and Social Assistance	42,118	42,893	43,653	44,398	45,127	45,842	46,543	47,228	47,898	48,554	49,195	49,820	50,431	51,027
Arts, Entertainment, and Recreation	8,220	8,354	8,486	8,614	8,741	8,864	8,986	9,104	9,221	9,335	9,447	9,556	9,663	9,768
Accommodation and Food Services	38,474	38,949	39,418	39,879	40,334	40,783	41,226	41,663	42,095	42,520	42,940	43,355	43,764	44,168
Other Services (except Public Administration)	31,213	31,625	32,030	32,430	32,823	33,211	33,593	33,969	34,340	34,705	35,065	35,420	35,769	36,113
Government	40,260	40,694	41,123	41,549	41,970	42,387	42,801	43,210	43,616	44,018	44,416	44,811	45,203	45,591

Gwinnett County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,029	1,035	1,042	1,048	1,055	1,062	1,069	1,076	1,083	1,090	1,098	1,105	1,113
Mining	7	7	7	7	7	7	8	8	8	8	8	8	8
Utilities	509	512	516	519	522	526	529	533	536	540	543	547	551
Construction	51,784	52,229	52,668	53,103	53,534	53,959	54,380	54,797	55,209	55,616	56,019	56,418	56,812
Manufacturing	39,587	39,891	40,195	40,498	40,801	41,104	41,406	41,708	42,009	42,310	42,611	42,911	43,211
Wholesale Trade	60,003	60,506	61,005	61,499	61,989	62,475	62,956	63,434	63,907	64,376	64,841	65,301	65,758
Retail Trade	89,556	90,324	91,084	91,836	92,580	93,316	94,044	94,765	95,477	96,182	96,880	97,569	98,251
Transporatation and Warehousing	15,923	16,082	16,238	16,391	16,541	16,687	16,831	16,971	17,108	17,243	17,374	17,501	17,626
Information	32,030	32,372	32,706	33,032	33,348	33,657	33,957	34,248	34,530	34,804	35,068	35,324	35,571
Finance and Insurance	31,612	31,867	32,120	32,372	32,623	32,872	33,120	33,367	33,612	33,856	34,099	34,340	34,580
Real Estate and Rental and Leasing	23,611	23,835	24,054	24,270	24,482	24,690	24,894	25,094	25,290	25,482	25,671	25,855	26,036
Professional, Scientific, and Technical Services	67,541	68,293	69,025	69,736	70,427	71,097	71,746	72,374	72,981	73,567	74,132	74,675	75,197
Management of Companies and Enterprises	11,313	11,409	11,505	11,599	11,693	11,785	11,877	11,968	12,058	12,146	12,234	12,321	12,408
Administrative and Support and Waste Management	99,875	101,035	102,161	103,253	104,310	105,332	106,319	107,271	108,188	109,070	109,915	110,725	111,499
Educational Services	9,868	9,971	10,072	10,170	10,266	10,359	10,450	10,538	10,624	10,708	10,789	10,867	10,943
Health Care and Social Assistance	51,609	52,175	52,726	53,262	53,783	54,289	54,780	55,256	55,716	56,161	56,591	57,005	57,403
Arts, Entertainment, and Recreation	9,871	9,971	10,069	10,165	10,259	10,350	10,440	10,526	10,611	10,694	10,774	10,852	10,928
Accommodation and Food Services	44,567	44,961	45,349	45,733	46,111	46,485	46,854	47,218	47,577	47,931	48,281	48,626	48,965
Other Services (except Public Administration)	36,451	36,785	37,113	37,437	37,755	38,069	38,377	38,680	38,979	39,272	39,561	39,844	40,123
Government	45,975	46,357	46,735	47,110	47,481	47,850	48,216	48,578	48,937	49,294	49,647	49,997	50,344

Appendix C:
Baseline Employment by Industry

Henry County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	664	625	653	676	694	708	719	726	732	737	742	746	751	756
Mining	215	164	175	184	192	199	205	211	216	222	227	232	237	243
Utilities	480	401	423	441	457	470	481	490	498	506	513	521	528	535
Construction	4,698	4,646	4,988	5,309	5,607	5,885	6,146	6,393	6,634	6,875	7,121	7,372	7,629	7,888
Manufacturing	3,957	3,565	3,773	3,959	4,123	4,268	4,397	4,513	4,622	4,729	4,838	4,948	5,062	5,178
Wholesale Trade	1,030	1,183	1,269	1,348	1,422	1,489	1,552	1,610	1,667	1,723	1,781	1,839	1,898	1,958
Retail Trade	7,073	7,471	8,023	8,538	9,017	9,462	9,877	10,270	10,651	11,032	11,420	11,816	12,221	12,629
Transporatation and Warehousing	1,798	2,064	2,238	2,405	2,564	2,716	2,862	3,004	3,145	3,288	3,436	3,589	3,745	3,903
Information	1,033	1,119	1,202	1,280	1,353	1,421	1,485	1,546	1,606	1,666	1,728	1,792	1,857	1,924
Finance and Insurance	1,338	1,503	1,609	1,707	1,797	1,879	1,955	2,026	2,094	2,161	2,230	2,300	2,371	2,443
Real Estate and Rental and Leasing	1,908	2,374	2,557	2,730	2,893	3,047	3,194	3,335	3,474	3,614	3,758	3,907	4,060	4,214
Professional, Scientific, and Technical Services	1,860	1,910	2,070	2,224	2,371	2,511	2,647	2,780	2,912	3,047	3,188	3,333	3,484	3,637
Management of Companies and Enterprises	94	121	130	138	146	153	159	166	172	177	183	190	196	202
Administrative and Support and Waste Management	3,741	4,291	4,724	5,155	5,582	6,008	6,433	6,862	7,301	7,759	8,243	8,753	9,285	9,830
Educational Services	359	370	403	435	466	495	524	552	580	608	638	669	701	733
Health Care and Social Assistance	3,464	3,720	4,058	4,387	4,706	5,015	5,318	5,617	5,919	6,228	6,551	6,887	7,235	7,590
Arts, Entertainment, and Recreation	922	716	778	837	894	950	1,003	1,056	1,109	1,162	1,218	1,276	1,336	1,396
Accommodation and Food Services	3,631	4,409	4,743	5,058	5,351	5,626	5,884	6,129	6,369	6,609	6,854	7,105	7,362	7,621
Other Services (except Public Administration)	2,947	3,206	3,462	3,705	3,934	4,150	4,355	4,553	4,748	4,944	5,146	5,354	5,567	5,782
Government	5,953	6,483	6,942	7,367	7,758	8,116	8,447	8,757	9,055	9,351	9,653	9,959	10,273	10,590

Henry County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	762	768	774	781	788	796	803	811	820	829	837	846	856	865
Mining	248	254	259	265	270	276	282	287	293	298	304	310	315	321
Utilities	543	551	559	567	576	584	593	602	611	620	629	638	647	656
Construction	8,149	8,412	8,676	8,942	9,209	9,476	9,744	10,011	10,279	10,545	10,811	11,075	11,337	11,598
Manufacturing	5,298	5,419	5,542	5,667	5,794	5,921	6,050	6,180	6,311	6,441	6,573	6,704	6,835	6,966
Wholesale Trade	2,019	2,080	2,141	2,203	2,265	2,327	2,389	2,451	2,514	2,576	2,638	2,699	2,761	2,822
Retail Trade	13,041	13,455	13,873	14,292	14,713	15,136	15,558	15,982	16,404	16,826	17,246	17,665	18,081	18,493
Transporatation and Warehousing	4,063	4,226	4,389	4,555	4,721	4,888	5,056	5,224	5,393	5,561	5,729	5,896	6,062	6,227
Information	1,992	2,060	2,130	2,200	2,270	2,341	2,413	2,484	2,556	2,628	2,700	2,772	2,843	2,914
Finance and Insurance	2,515	2,588	2,661	2,735	2,809	2,884	2,958	3,033	3,108	3,182	3,257	3,331	3,404	3,477
Real Estate and Rental and Leasing	4,371	4,529	4,688	4,848	5,010	5,172	5,335	5,498	5,661	5,823	5,986	6,147	6,308	6,467
Professional, Scientific, and Technical Services	3,793	3,951	4,111	4,273	4,436	4,601	4,767	4,933	5,100	5,266	5,433	5,599	5,765	5,929
Management of Companies and Enterprises	208	215	221	228	234	241	247	254	260	267	273	280	286	293
Administrative and Support and Waste Management	10,389	10,958	11,538	12,127	12,725	13,329	13,939	14,553	15,170	15,789	16,409	17,028	17,645	18,258
Educational Services	765	799	832	866	900	934	968	1,003	1,037	1,072	1,106	1,140	1,174	1,208
Health Care and Social Assistance	7,951	8,318	8,689	9,064	9,443	9,825	10,209	10,595	10,981	11,368	11,755	12,140	12,523	12,903
Arts, Entertainment, and Recreation	1,457	1,519	1,582	1,645	1,708	1,772	1,836	1,900	1,964	2,028	2,092	2,156	2,219	2,281
Accommodation and Food Services	7,883	8,146	8,412	8,678	8,946	9,215	9,484	9,753	10,022	10,290	10,557	10,823	11,088	11,350
Other Services (except Public Administration)	6,000	6,220	6,441	6,664	6,888	7,113	7,339	7,564	7,790	8,015	8,240	8,463	8,685	8,905
Government	10,910	11,233	11,558	11,885	12,214	12,544	12,874	13,205	13,536	13,867	14,196	14,525	14,852	15,176

Appendix C:
Baseline Employment by Industry

Henry County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	875	884	894	904	914	923	933	943	953	963	973	983	993	1,002
Mining	327	332	338	343	348	354	359	364	369	374	379	384	389	394
Utilities	665	674	683	693	702	711	720	729	738	747	755	764	772	781
Construction	11,856	12,111	12,364	12,613	12,860	13,102	13,341	13,576	13,807	14,033	14,255	14,471	14,683	14,889
Manufacturing	7,096	7,225	7,354	7,482	7,608	7,734	7,857	7,980	8,100	8,219	8,336	8,450	8,562	8,672
Wholesale Trade	2,882	2,942	3,002	3,060	3,118	3,175	3,232	3,287	3,342	3,395	3,448	3,499	3,549	3,598
Retail Trade	18,903	19,308	19,709	20,105	20,496	20,882	21,261	21,635	22,002	22,362	22,714	23,059	23,395	23,724
Transporatation and Warehousing	6,391	6,553	6,713	6,871	7,027	7,181	7,332	7,481	7,626	7,769	7,908	8,044	8,177	8,306
Information	2,984	3,054	3,123	3,191	3,259	3,325	3,391	3,455	3,518	3,580	3,641	3,700	3,758	3,814
Finance and Insurance	3,550	3,622	3,693	3,764	3,834	3,902	3,970	4,037	4,103	4,167	4,230	4,292	4,353	4,412
Real Estate and Rental and Leasing	6,625	6,782	6,936	7,089	7,240	7,388	7,534	7,677	7,818	7,956	8,091	8,223	8,351	8,476
Professional, Scientific, and Technical Services	6,092	6,254	6,413	6,571	6,727	6,881	7,031	7,180	7,325	7,467	7,606	7,742	7,874	8,001
Management of Companies and Enterprises	299	305	312	318	324	330	336	342	348	353	359	364	369	375
Administrative and Support and Waste Management	18,867	19,470	20,067	20,657	21,238	21,811	22,374	22,926	23,466	23,994	24,509	25,010	25,496	25,966
Educational Services	1,242	1,275	1,308	1,340	1,372	1,403	1,434	1,465	1,494	1,523	1,552	1,580	1,606	1,633
Health Care and Social Assistance	13,281	13,654	14,024	14,389	14,749	15,103	15,451	15,793	16,127	16,455	16,774	17,086	17,388	17,681
Arts, Entertainment, and Recreation	2,343	2,405	2,465	2,525	2,584	2,642	2,699	2,755	2,810	2,863	2,916	2,967	3,016	3,064
Accommodation and Food Services	11,610	11,868	12,122	12,374	12,622	12,866	13,107	13,344	13,576	13,804	14,027	14,245	14,458	14,665
Other Services (except Public Administration)	9,124	9,340	9,553	9,764	9,973	10,178	10,379	10,578	10,772	10,962	11,149	11,331	11,508	11,680
Government	15,498	15,817	16,133	16,446	16,755	17,059	17,360	17,655	17,946	18,231	18,510	18,784	19,051	19,312

Henry County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,012	1,021	1,031	1,040	1,049	1,058	1,067	1,076	1,084	1,092	1,101	1,108	1,116
Mining	398	403	407	412	416	420	424	428	431	435	438	441	444
Utilities	789	797	805	813	821	828	835	843	849	856	863	869	875
Construction	15,089	15,284	15,473	15,655	15,831	16,000	16,163	16,318	16,467	16,608	16,741	16,867	16,985
Manufacturing	8,780	8,884	8,986	9,085	9,181	9,274	9,364	9,450	9,533	9,612	9,688	9,760	9,828
Wholesale Trade	3,646	3,692	3,737	3,781	3,823	3,863	3,902	3,939	3,975	4,008	4,041	4,071	4,099
Retail Trade	24,043	24,353	24,653	24,944	25,224	25,494	25,753	26,001	26,237	26,462	26,674	26,875	27,063
Transporatation and Warehousing	8,431	8,551	8,668	8,780	8,888	8,991	9,090	9,183	9,272	9,355	9,433	9,506	9,573
Information	3,869	3,922	3,973	4,022	4,070	4,115	4,159	4,200	4,239	4,277	4,311	4,344	4,375
Finance and Insurance	4,469	4,525	4,580	4,632	4,683	4,732	4,779	4,825	4,868	4,909	4,948	4,985	5,020
Real Estate and Rental and Leasing	8,597	8,714	8,828	8,937	9,042	9,143	9,239	9,331	9,419	9,501	9,578	9,651	9,718
Professional, Scientific, and Technical Services	8,125	8,245	8,361	8,472	8,578	8,679	8,776	8,867	8,953	9,034	9,109	9,179	9,243
Management of Companies and Enterprises	380	384	389	394	398	402	407	410	414	418	421	424	427
Administrative and Support and Waste Management	26,420	26,857	27,276	27,677	28,059	28,422	28,764	29,085	29,385	29,664	29,920	30,153	30,364
Educational Services	1,658	1,682	1,706	1,729	1,750	1,771	1,791	1,809	1,827	1,844	1,859	1,873	1,886
Health Care and Social Assistance	17,965	18,239	18,503	18,756	18,997	19,228	19,446	19,653	19,847	20,029	20,198	20,353	20,496
Arts, Entertainment, and Recreation	3,111	3,156	3,200	3,241	3,281	3,320	3,356	3,391	3,423	3,454	3,483	3,509	3,534
Accommodation and Food Services	14,867	15,062	15,251	15,434	15,610	15,780	15,942	16,097	16,245	16,385	16,517	16,642	16,758
Other Services (except Public Administration)	11,848	12,010	12,166	12,318	12,463	12,602	12,735	12,862	12,982	13,096	13,203	13,303	13,396
Government	19,566	19,813	20,053	20,284	20,508	20,724	20,931	21,130	21,320	21,500	21,671	21,833	21,985

Appendix C:
Baseline Employment by Industry

Rockdale County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	135	140	140	140	140	139	138	136	135	134	133	131	130	129
Mining	124	136	138	140	142	144	145	146	147	148	149	150	151	152
Utilities	76	79	79	79	79	79	79	78	78	78	77	77	76	76
Construction	4,866	4,843	4,982	5,112	5,236	5,354	5,467	5,578	5,688	5,797	5,908	6,021	6,135	6,248
Manufacturing	6,408	5,816	5,957	6,084	6,201	6,308	6,408	6,504	6,596	6,688	6,782	6,877	6,974	7,073
Wholesale Trade	2,261	2,176	2,236	2,291	2,342	2,390	2,435	2,479	2,522	2,564	2,607	2,650	2,693	2,736
Retail Trade	5,552	5,353	5,507	5,652	5,788	5,916	6,040	6,159	6,277	6,394	6,513	6,633	6,754	6,875
Transporatation and Warehousing	747	810	840	868	895	922	948	974	999	1,025	1,052	1,079	1,106	1,133
Information	2,071	1,855	1,896	1,933	1,966	1,997	2,026	2,054	2,081	2,107	2,134	2,161	2,190	2,218
Finance and Insurance	888	929	954	977	998	1,018	1,037	1,056	1,073	1,091	1,109	1,127	1,145	1,163
Real Estate and Rental and Leasing	1,227	1,465	1,517	1,568	1,617	1,666	1,714	1,761	1,809	1,858	1,909	1,960	2,013	2,065
Professional, Scientific, and Technical Services	1,712	1,869	1,939	2,007	2,073	2,137	2,201	2,264	2,328	2,393	2,460	2,529	2,599	2,669
Management of Companies and Enterprises	125	139	143	147	150	153	156	159	162	165	168	171	173	176
Administrative and Support and Waste Management	3,967	3,961	4,184	4,408	4,636	4,867	5,103	5,345	5,596	5,856	6,129	6,413	6,707	7,002
Educational Services	229	275	287	299	310	321	332	343	354	366	377	389	402	414
Health Care and Social Assistance	3,239	3,497	3,662	3,825	3,986	4,147	4,309	4,472	4,639	4,811	4,988	5,172	5,360	5,549
Arts, Entertainment, and Recreation	783	659	686	712	739	764	790	816	843	869	897	925	954	983
Accommodation and Food Services	3,442	3,483	3,590	3,691	3,787	3,879	3,967	4,054	4,139	4,224	4,311	4,398	4,487	4,575
Other Services (except Public Administration)	2,204	2,235	2,312	2,385	2,455	2,523	2,589	2,654	2,719	2,784	2,851	2,919	2,988	3,057
Government	3,839	4,248	4,364	4,471	4,571	4,665	4,754	4,839	4,923	5,006	5,090	5,175	5,261	5,347

Rockdale County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	128	127	126	126	125	125	124	124	124	124	124	124	124	124
Mining	154	155	156	157	158	159	161	162	163	164	166	167	168	170
Utilities	76	76	76	75	75	75	75	76	76	76	76	76	76	77
Construction	6,360	6,471	6,582	6,691	6,800	6,907	7,014	7,119	7,223	7,326	7,427	7,528	7,627	7,724
Manufacturing	7,172	7,272	7,373	7,474	7,575	7,676	7,777	7,878	7,978	8,079	8,178	8,278	8,376	8,474
Wholesale Trade	2,780	2,823	2,865	2,908	2,950	2,992	3,034	3,075	3,116	3,157	3,197	3,237	3,277	3,316
Retail Trade	6,996	7,115	7,233	7,351	7,468	7,583	7,698	7,811	7,924	8,035	8,145	8,253	8,360	8,466
Transporatation and Warehousing	1,160	1,187	1,214	1,241	1,267	1,294	1,320	1,345	1,371	1,396	1,421	1,445	1,469	1,493
Information	2,246	2,275	2,304	2,333	2,363	2,392	2,421	2,451	2,480	2,509	2,538	2,567	2,596	2,625
Finance and Insurance	1,182	1,200	1,218	1,236	1,254	1,271	1,289	1,306	1,324	1,341	1,358	1,375	1,392	1,408
Real Estate and Rental and Leasing	2,117	2,169	2,221	2,272	2,323	2,374	2,424	2,473	2,522	2,570	2,618	2,665	2,711	2,756
Professional, Scientific, and Technical Services	2,738	2,808	2,877	2,946	3,015	3,082	3,150	3,216	3,282	3,347	3,412	3,475	3,538	3,599
Management of Companies and Enterprises	179	182	185	188	191	193	196	199	202	204	207	210	212	215
Administrative and Support and Waste Management	7,298	7,596	7,894	8,191	8,488	8,783	9,076	9,367	9,656	9,941	10,223	10,500	10,774	11,042
Educational Services	426	438	450	462	474	485	497	508	520	531	542	553	563	574
Health Care and Social Assistance	5,737	5,926	6,114	6,301	6,487	6,672	6,855	7,036	7,216	7,393	7,568	7,740	7,910	8,076
Arts, Entertainment, and Recreation	1,012	1,040	1,068	1,096	1,124	1,151	1,178	1,205	1,232	1,258	1,283	1,308	1,333	1,357
Accommodation and Food Services	4,663	4,750	4,837	4,922	5,007	5,091	5,175	5,257	5,338	5,419	5,498	5,577	5,654	5,730
Other Services (except Public Administration)	3,125	3,193	3,260	3,326	3,392	3,458	3,522	3,586	3,650	3,712	3,773	3,834	3,894	3,953
Government	5,433	5,518	5,603	5,687	5,771	5,855	5,937	6,020	6,101	6,182	6,262	6,341	6,420	6,497

Appendix C:
Baseline Employment by Industry

Rockdale County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	124	124	124	125	125	125	126	126	127	127	128	128	129	129
Mining	171	172	173	175	176	177	179	180	181	183	184	185	187	188
Utilities	77	77	78	78	78	79	79	80	80	80	81	81	82	82
Construction	7,820	7,915	8,009	8,101	8,192	8,282	8,370	8,458	8,544	8,630	8,714	8,797	8,879	8,960
Manufacturing	8,571	8,667	8,763	8,858	8,951	9,044	9,136	9,228	9,318	9,408	9,497	9,585	9,672	9,758
Wholesale Trade	3,354	3,392	3,430	3,468	3,505	3,541	3,577	3,613	3,649	3,684	3,718	3,753	3,787	3,820
Retail Trade	8,570	8,673	8,775	8,875	8,974	9,072	9,169	9,264	9,359	9,452	9,544	9,635	9,725	9,814
Transporatation and Warehousing	1,516	1,539	1,562	1,584	1,606	1,628	1,649	1,670	1,690	1,710	1,730	1,749	1,769	1,787
Information	2,654	2,682	2,710	2,738	2,766	2,793	2,821	2,848	2,875	2,902	2,928	2,955	2,981	3,007
Finance and Insurance	1,424	1,441	1,456	1,472	1,488	1,503	1,519	1,534	1,549	1,564	1,578	1,593	1,607	1,622
Real Estate and Rental and Leasing	2,800	2,844	2,887	2,929	2,971	3,012	3,052	3,091	3,129	3,167	3,204	3,240	3,276	3,311
Professional, Scientific, and Technical Services	3,659	3,719	3,777	3,834	3,891	3,946	4,000	4,054	4,106	4,157	4,207	4,257	4,305	4,352
Management of Companies and Enterprises	217	220	223	225	227	230	232	235	237	239	242	244	246	248
Administrative and Support and Waste Management	11,305	11,563	11,817	12,065	12,307	12,545	12,776	13,003	13,224	13,439	13,649	13,853	14,051	14,243
Educational Services	584	594	604	614	623	632	642	651	659	668	676	685	693	701
Health Care and Social Assistance	8,240	8,400	8,558	8,712	8,863	9,011	9,156	9,298	9,437	9,572	9,705	9,834	9,960	10,083
Arts, Entertainment, and Recreation	1,381	1,404	1,427	1,450	1,472	1,493	1,514	1,535	1,555	1,575	1,595	1,614	1,632	1,650
Accommodation and Food Services	5,805	5,879	5,952	6,024	6,095	6,165	6,234	6,302	6,369	6,435	6,500	6,565	6,628	6,691
Other Services (except Public Administration)	4,010	4,067	4,123	4,178	4,232	4,286	4,338	4,390	4,440	4,490	4,539	4,587	4,635	4,681
Government	6,574	6,650	6,724	6,798	6,872	6,944	7,016	7,087	7,157	7,226	7,294	7,362	7,429	7,496

Rockdale County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	130	131	131	132	133	134	135	135	136	137	138	139	140
Mining	189	191	192	193	195	196	198	199	200	202	203	205	206
Utilities	83	83	84	84	85	85	86	87	87	88	88	89	90
Construction	9,041	9,120	9,198	9,275	9,352	9,427	9,502	9,575	9,648	9,719	9,790	9,860	9,929
Manufacturing	9,844	9,928	10,012	10,095	10,177	10,258	10,338	10,418	10,496	10,574	10,651	10,727	10,802
Wholesale Trade	3,854	3,887	3,919	3,952	3,984	4,015	4,047	4,078	4,108	4,139	4,169	4,198	4,228
Retail Trade	9,901	9,988	10,074	10,158	10,242	10,324	10,406	10,487	10,566	10,645	10,722	10,799	10,874
Transporatation and Warehousing	1,806	1,824	1,842	1,859	1,876	1,893	1,909	1,925	1,941	1,956	1,971	1,986	2,000
Information	3,032	3,058	3,083	3,108	3,133	3,157	3,182	3,206	3,230	3,254	3,277	3,300	3,323
Finance and Insurance	1,636	1,650	1,664	1,677	1,691	1,704	1,718	1,731	1,744	1,757	1,769	1,782	1,794
Real Estate and Rental and Leasing	3,345	3,379	3,412	3,444	3,475	3,506	3,536	3,565	3,594	3,621	3,649	3,675	3,701
Professional, Scientific, and Technical Services	4,398	4,444	4,488	4,531	4,573	4,614	4,655	4,694	4,732	4,769	4,805	4,840	4,873
Management of Companies and Enterprises	251	253	255	257	259	261	263	265	267	269	271	273	275
Administrative and Support and Waste Management	14,430	14,610	14,785	14,954	15,116	15,273	15,423	15,567	15,705	15,836	15,962	16,080	16,193
Educational Services	708	716	723	730	737	744	751	757	763	769	775	781	786
Health Care and Social Assistance	10,202	10,318	10,431	10,541	10,647	10,750	10,850	10,946	11,039	11,128	11,214	11,297	11,376
Arts, Entertainment, and Recreation	1,668	1,685	1,702	1,719	1,735	1,751	1,766	1,781	1,795	1,809	1,823	1,836	1,849
Accommodation and Food Services	6,752	6,813	6,873	6,932	6,991	7,048	7,105	7,161	7,216	7,270	7,323	7,375	7,427
Other Services (except Public Administration)	4,727	4,772	4,816	4,860	4,902	4,944	4,985	5,025	5,065	5,104	5,141	5,178	5,215
Government	7,561	7,626	7,690	7,754	7,817	7,879	7,940	8,001	8,061	8,120	8,179	8,237	8,294

Appendix C:
Baseline Employment by Industry

Atlanta East

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	2,269	2,287	2,271	2,252	2,230	2,205	2,178	2,151	2,122	2,094	2,066	2,038	2,012	1,988
Mining	243	196	198	200	201	203	204	205	206	207	208	209	210	211
Utilities	451	358	358	359	358	358	357	356	355	354	353	352	351	351
Construction	8,020	8,069	8,236	8,398	8,555	8,708	8,859	9,008	9,157	9,307	9,459	9,612	9,768	9,922
Manufacturing	11,346	11,221	11,268	11,307	11,338	11,365	11,390	11,414	11,441	11,471	11,506	11,547	11,596	11,652
Wholesale Trade	1,907	1,634	1,663	1,691	1,718	1,744	1,769	1,793	1,818	1,842	1,866	1,891	1,916	1,941
Retail Trade	8,698	8,694	8,876	9,050	9,217	9,379	9,537	9,692	9,847	10,002	10,159	10,318	10,479	10,639
Transporatation and Warehousing	2,063	2,253	2,319	2,383	2,447	2,510	2,572	2,635	2,699	2,763	2,829	2,897	2,965	3,033
Information	400	463	472	482	491	500	508	517	526	535	544	554	564	574
Finance and Insurance	1,701	1,726	1,754	1,781	1,805	1,829	1,851	1,873	1,894	1,916	1,937	1,959	1,980	2,002
Real Estate and Rental and Leasing	1,909	2,278	2,340	2,402	2,463	2,524	2,585	2,647	2,709	2,773	2,839	2,906	2,974	3,043
Professional, Scientific, and Technical Services	1,846	2,034	2,091	2,147	2,202	2,257	2,312	2,367	2,423	2,480	2,539	2,599	2,660	2,721
Management of Companies and Enterprises	222	214	217	220	224	227	230	233	236	239	242	245	248	251
Administrative and Support and Waste Management	3,340	3,722	3,873	4,025	4,180	4,337	4,498	4,663	4,834	5,010	5,193	5,383	5,578	5,773
Educational Services	676	919	948	977	1,006	1,035	1,064	1,094	1,124	1,155	1,187	1,219	1,252	1,285
Health Care and Social Assistance	4,833	5,000	5,178	5,356	5,535	5,716	5,900	6,088	6,279	6,477	6,681	6,891	7,106	7,321
Arts, Entertainment, and Recreation	544	484	499	515	530	545	561	577	593	609	626	643	661	678
Accommodation and Food Services	4,056	4,253	4,350	4,443	4,533	4,621	4,708	4,793	4,879	4,965	5,052	5,140	5,230	5,319
Other Services (except Public Administration)	4,130	4,328	4,437	4,542	4,645	4,747	4,847	4,947	5,047	5,148	5,252	5,357	5,463	5,569
Government	10,984	11,418	11,628	11,827	12,016	12,198	12,374	12,547	12,718	12,890	13,063	13,238	13,417	13,594

Atlanta East *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,967	1,947	1,930	1,915	1,901	1,889	1,878	1,869	1,861	1,854	1,848	1,844	1,841	1,838
Mining	212	213	214	216	217	218	219	221	222	223	225	226	228	229
Utilities	350	350	350	350	350	351	351	352	353	354	355	356	357	358
Construction	10,075	10,227	10,376	10,525	10,671	10,816	10,959	11,101	11,240	11,378	11,515	11,649	11,781	11,912
Manufacturing	11,714	11,782	11,855	11,932	12,013	12,097	12,183	12,272	12,363	12,456	12,550	12,646	12,743	12,840
Wholesale Trade	1,965	1,990	2,014	2,038	2,062	2,086	2,110	2,133	2,157	2,180	2,203	2,225	2,248	2,270
Retail Trade	10,797	10,954	11,110	11,264	11,416	11,567	11,717	11,865	12,011	12,155	12,298	12,439	12,578	12,716
Transporatation and Warehousing	3,100	3,167	3,233	3,299	3,364	3,428	3,492	3,554	3,616	3,677	3,737	3,796	3,854	3,911
Information	584	594	604	615	625	635	645	655	665	675	684	694	704	713
Finance and Insurance	2,024	2,046	2,068	2,090	2,111	2,133	2,154	2,176	2,197	2,219	2,240	2,261	2,282	2,302
Real Estate and Rental and Leasing	3,110	3,178	3,244	3,310	3,376	3,440	3,504	3,567	3,630	3,691	3,752	3,811	3,869	3,927
Professional, Scientific, and Technical Services	2,782	2,843	2,904	2,964	3,023	3,082	3,141	3,198	3,255	3,312	3,367	3,422	3,476	3,529
Management of Companies and Enterprises	254	257	260	263	266	269	272	275	278	281	283	286	289	292
Administrative and Support and Waste Management	5,968	6,162	6,355	6,548	6,739	6,928	7,115	7,300	7,483	7,663	7,841	8,016	8,187	8,355
Educational Services	1,318	1,350	1,382	1,413	1,444	1,475	1,505	1,534	1,564	1,592	1,621	1,648	1,676	1,702
Health Care and Social Assistance	7,534	7,746	7,957	8,166	8,373	8,577	8,779	8,979	9,176	9,369	9,560	9,747	9,931	10,111
Arts, Entertainment, and Recreation	695	712	729	746	762	778	794	810	826	841	856	870	885	899
Accommodation and Food Services	5,407	5,494	5,580	5,665	5,749	5,833	5,915	5,996	6,077	6,156	6,234	6,311	6,387	6,462
Other Services (except Public Administration)	5,674	5,778	5,881	5,983	6,083	6,183	6,281	6,378	6,474	6,568	6,661	6,752	6,843	6,931
Government	13,771	13,947	14,122	14,296	14,469	14,641	14,811	14,980	15,147	15,313	15,478	15,640	15,802	15,961

Appendix C:
Baseline Employment by Industry

Atlanta East *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	1,837	1,836	1,836	1,837	1,839	1,841	1,844	1,848	1,852	1,857	1,863	1,869	1,875	1,883
Mining	230	232	233	235	236	238	239	241	242	244	245	247	249	250
Utilities	360	361	363	364	366	367	369	371	373	375	377	379	381	383
Construction	12,041	12,168	12,293	12,417	12,539	12,660	12,780	12,898	13,016	13,132	13,247	13,361	13,474	13,586
Manufacturing	12,938	13,037	13,136	13,236	13,336	13,437	13,538	13,639	13,741	13,843	13,945	14,048	14,150	14,254
Wholesale Trade	2,292	2,314	2,335	2,356	2,378	2,399	2,420	2,440	2,461	2,481	2,502	2,522	2,542	2,563
Retail Trade	12,851	12,985	13,118	13,249	13,378	13,506	13,633	13,758	13,883	14,006	14,128	14,250	14,370	14,489
Transporatation and Warehousing	3,967	4,022	4,076	4,130	4,182	4,234	4,284	4,334	4,383	4,432	4,479	4,526	4,572	4,618
Information	722	732	741	750	759	767	776	784	793	801	809	817	825	833
Finance and Insurance	2,323	2,343	2,364	2,384	2,404	2,424	2,444	2,464	2,484	2,504	2,524	2,543	2,563	2,582
Real Estate and Rental and Leasing	3,983	4,038	4,093	4,146	4,199	4,250	4,301	4,351	4,400	4,448	4,495	4,541	4,587	4,632
Professional, Scientific, and Technical Services	3,581	3,632	3,683	3,732	3,781	3,829	3,876	3,922	3,967	4,012	4,056	4,099	4,141	4,183
Management of Companies and Enterprises	294	297	300	302	305	308	310	313	315	318	321	323	326	328
Administrative and Support and Waste Management	8,520	8,681	8,839	8,994	9,145	9,293	9,438	9,579	9,718	9,853	9,985	10,113	10,239	10,361
Educational Services	1,728	1,754	1,779	1,803	1,827	1,851	1,874	1,897	1,919	1,941	1,963	1,984	2,004	2,025
Health Care and Social Assistance	10,288	10,461	10,630	10,796	10,959	11,118	11,274	11,427	11,576	11,722	11,865	12,005	12,142	12,276
Arts, Entertainment, and Recreation	913	926	939	952	965	978	990	1,002	1,014	1,025	1,037	1,048	1,059	1,069
Accommodation and Food Services	6,536	6,609	6,680	6,751	6,821	6,890	6,958	7,026	7,092	7,158	7,223	7,288	7,352	7,415
Other Services (except Public Administration)	7,018	7,104	7,189	7,272	7,354	7,434	7,514	7,592	7,670	7,746	7,821	7,896	7,969	8,041
Government	16,119	16,275	16,430	16,583	16,735	16,886	17,036	17,184	17,332	17,478	17,624	17,768	17,912	18,055

Atlanta East *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,890	1,899	1,907	1,917	1,927	1,937	1,948	1,959	1,971	1,984	1,997	2,010	2,024
Mining	252	254	255	257	259	260	262	264	266	268	269	271	273
Utilities	385	388	390	392	395	397	400	403	405	408	411	413	416
Construction	13,698	13,809	13,918	14,028	14,136	14,244	14,351	14,458	14,564	14,669	14,774	14,878	14,982
Manufacturing	14,357	14,461	14,566	14,670	14,775	14,881	14,987	15,093	15,200	15,307	15,414	15,522	15,631
Wholesale Trade	2,583	2,603	2,622	2,642	2,662	2,682	2,702	2,721	2,741	2,761	2,780	2,800	2,819
Retail Trade	14,608	14,726	14,843	14,959	15,074	15,189	15,304	15,417	15,530	15,643	15,755	15,866	15,977
Transporatation and Warehousing	4,662	4,706	4,750	4,792	4,834	4,875	4,916	4,956	4,995	5,034	5,072	5,110	5,146
Information	841	848	856	863	870	878	885	892	898	905	912	918	925
Finance and Insurance	2,602	2,622	2,641	2,661	2,680	2,700	2,719	2,739	2,759	2,778	2,798	2,817	2,837
Real Estate and Rental and Leasing	4,676	4,720	4,762	4,804	4,846	4,886	4,926	4,965	5,004	5,041	5,078	5,115	5,151
Professional, Scientific, and Technical Services	4,224	4,264	4,303	4,342	4,380	4,417	4,454	4,490	4,525	4,559	4,593	4,626	4,658
Management of Companies and Enterprises	331	333	336	338	341	343	346	348	351	353	356	358	361
Administrative and Support and Waste Management	10,480	10,596	10,709	10,818	10,925	11,028	11,128	11,225	11,319	11,409	11,496	11,581	11,662
Educational Services	2,044	2,064	2,083	2,102	2,120	2,138	2,156	2,173	2,190	2,207	2,223	2,239	2,255
Health Care and Social Assistance	12,407	12,535	12,659	12,781	12,900	13,016	13,129	13,239	13,346	13,450	13,551	13,650	13,745
Arts, Entertainment, and Recreation	1,080	1,090	1,100	1,110	1,120	1,129	1,139	1,148	1,157	1,166	1,174	1,183	1,191
Accommodation and Food Services	7,478	7,540	7,601	7,662	7,723	7,783	7,843	7,902	7,960	8,018	8,076	8,133	8,190
Other Services (except Public Administration)	8,113	8,183	8,253	8,322	8,390	8,457	8,524	8,589	8,654	8,718	8,781	8,844	8,906
Government	18,198	18,339	18,480	18,621	18,761	18,900	19,039	19,178	19,316	19,454	19,591	19,729	19,865

Appendix C:
Baseline Employment by Industry

Atlanta North

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	1,980	2,110	2,143	2,166	2,180	2,186	2,185	2,180	2,172	2,163	2,153	2,142	2,133	2,126
Mining	243	225	232	238	243	248	252	255	259	262	265	268	272	275
Utilities	929	636	649	659	667	673	677	681	683	685	687	688	690	693
Construction	13,531	13,541	14,140	14,698	15,218	15,705	16,165	16,607	17,038	17,469	17,907	18,350	18,801	19,251
Manufacturing	17,534	16,201	16,695	17,126	17,502	17,832	18,124	18,389	18,639	18,886	19,137	19,393	19,659	19,933
Wholesale Trade	5,549	5,599	5,837	6,056	6,257	6,443	6,615	6,779	6,937	7,093	7,251	7,411	7,573	7,735
Retail Trade	11,889	12,355	12,908	13,421	13,897	14,341	14,759	15,158	15,546	15,933	16,325	16,723	17,126	17,530
Transporatation and Warehousing	2,790	2,840	2,982	3,117	3,246	3,369	3,488	3,604	3,720	3,837	3,957	4,081	4,206	4,331
Information	1,619	1,177	1,245	1,312	1,377	1,440	1,504	1,567	1,631	1,698	1,768	1,840	1,915	1,992
Finance and Insurance	2,664	3,015	3,138	3,250	3,353	3,449	3,537	3,621	3,701	3,782	3,862	3,944	4,027	4,110
Real Estate and Rental and Leasing	3,421	4,126	4,312	4,487	4,653	4,810	4,961	5,107	5,252	5,399	5,548	5,701	5,856	6,012
Professional, Scientific, and Technical Services	4,970	5,767	6,081	6,384	6,676	6,959	7,236	7,510	7,785	8,067	8,357	8,657	8,965	9,276
Management of Companies and Enterprises	492	356	373	390	405	419	432	444	456	468	480	492	504	516
Administrative and Support and Waste Management	6,403	6,677	7,099	7,514	7,925	8,333	8,741	9,153	9,573	10,006	10,458	10,928	11,414	11,903
Educational Services	410	430	456	480	504	527	549	571	593	616	639	663	687	712
Health Care and Social Assistance	4,869	5,332	5,673	6,008	6,337	6,663	6,988	7,315	7,647	7,988	8,344	8,712	9,092	9,474
Arts, Entertainment, and Recreation	1,665	1,595	1,685	1,773	1,857	1,940	2,021	2,101	2,182	2,264	2,349	2,436	2,526	2,616
Accommodation and Food Services	5,980	6,273	6,559	6,827	7,077	7,312	7,535	7,749	7,959	8,169	8,382	8,599	8,819	9,038
Other Services (except Public Administration)	5,258	5,668	5,944	6,204	6,449	6,682	6,904	7,120	7,332	7,546	7,764	7,987	8,213	8,440
Government	11,292	12,032	12,533	12,993	13,416	13,807	14,172	14,517	14,851	15,183	15,518	15,857	16,202	16,548

Atlanta North *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	2,120	2,116	2,113	2,112	2,112	2,114	2,117	2,120	2,125	2,131	2,138	2,145	2,154	2,163
Mining	278	281	285	288	292	295	298	302	305	309	312	316	319	323
Utilities	695	698	701	704	708	712	716	720	724	729	733	738	743	748
Construction	19,700	20,149	20,596	21,042	21,485	21,926	22,365	22,801	23,233	23,661	24,086	24,506	24,921	25,331
Manufacturing	20,215	20,503	20,797	21,095	21,398	21,704	22,012	22,323	22,636	22,949	23,264	23,578	23,892	24,206
Wholesale Trade	7,897	8,059	8,221	8,382	8,543	8,703	8,862	9,021	9,179	9,335	9,491	9,645	9,797	9,948
Retail Trade	17,934	18,337	18,739	19,140	19,540	19,938	20,334	20,727	21,118	21,506	21,891	22,272	22,649	23,022
Transporatation and Warehousing	4,457	4,583	4,709	4,834	4,960	5,084	5,209	5,332	5,455	5,576	5,697	5,816	5,934	6,050
Information	2,069	2,148	2,227	2,306	2,387	2,467	2,547	2,628	2,708	2,788	2,868	2,947	3,025	3,103
Finance and Insurance	4,193	4,277	4,360	4,443	4,526	4,608	4,690	4,772	4,854	4,935	5,015	5,095	5,174	5,252
Real Estate and Rental and Leasing	6,169	6,325	6,481	6,637	6,792	6,947	7,101	7,254	7,406	7,556	7,705	7,853	7,999	8,143
Professional, Scientific, and Technical Services	9,588	9,901	10,215	10,530	10,844	11,158	11,471	11,782	12,092	12,399	12,704	13,006	13,304	13,598
Management of Companies and Enterprises	529	541	553	566	578	590	603	615	627	639	651	663	675	687
Administrative and Support and Waste Management	12,397	12,893	13,392	13,892	14,392	14,892	15,391	15,888	16,381	16,872	17,357	17,838	18,313	18,782
Educational Services	736	761	786	810	835	859	884	908	932	956	979	1,002	1,025	1,048
Health Care and Social Assistance	9,859	10,245	10,633	11,020	11,408	11,794	12,180	12,563	12,944	13,321	13,695	14,065	14,430	14,790
Arts, Entertainment, and Recreation	2,706	2,796	2,885	2,975	3,064	3,153	3,242	3,330	3,417	3,503	3,589	3,673	3,756	3,838
Accommodation and Food Services	9,258	9,478	9,696	9,914	10,131	10,347	10,562	10,775	10,987	11,197	11,405	11,610	11,814	12,014
Other Services (except Public Administration)	8,667	8,894	9,120	9,346	9,571	9,795	10,017	10,238	10,458	10,675	10,890	11,104	11,314	11,522
Government	16,894	17,240	17,585	17,930	18,274	18,617	18,959	19,299	19,637	19,972	20,306	20,636	20,963	21,287

Appendix C:
Baseline Employment by Industry

Atlanta North *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	2,172	2,183	2,194	2,205	2,217	2,229	2,242	2,256	2,269	2,283	2,297	2,312	2,327	2,342
Mining	326	329	333	336	340	343	346	350	353	356	360	363	366	369
Utilities	753	759	764	770	775	781	786	792	798	804	810	816	822	828
Construction	25,736	26,136	26,531	26,919	27,303	27,681	28,053	28,419	28,780	29,134	29,482	29,825	30,161	30,490
Manufacturing	24,518	24,828	25,137	25,445	25,750	26,052	26,352	26,650	26,945	27,236	27,525	27,810	28,091	28,369
Wholesale Trade	10,098	10,245	10,391	10,535	10,678	10,818	10,957	11,093	11,228	11,361	11,492	11,620	11,747	11,871
Retail Trade	23,390	23,754	24,113	24,467	24,817	25,162	25,501	25,836	26,165	26,489	26,807	27,120	27,427	27,729
Transporatation and Warehousing	6,164	6,277	6,389	6,498	6,606	6,713	6,817	6,919	7,020	7,119	7,216	7,310	7,403	7,494
Information	3,179	3,255	3,329	3,402	3,474	3,545	3,615	3,682	3,749	3,814	3,877	3,939	3,999	4,058
Finance and Insurance	5,329	5,406	5,482	5,556	5,630	5,703	5,775	5,846	5,916	5,985	6,053	6,120	6,186	6,251
Real Estate and Rental and Leasing	8,285	8,425	8,563	8,699	8,833	8,965	9,094	9,222	9,347	9,470	9,590	9,708	9,824	9,937
Professional, Scientific, and Technical Services	13,888	14,174	14,455	14,732	15,004	15,271	15,533	15,790	16,042	16,288	16,529	16,764	16,993	17,216
Management of Companies and Enterprises	698	710	721	733	744	755	765	776	787	797	807	817	827	836
Administrative and Support and Waste Management	19,243	19,697	20,143	20,582	21,012	21,434	21,848	22,252	22,648	23,034	23,410	23,776	24,133	24,479
Educational Services	1,070	1,092	1,114	1,135	1,156	1,177	1,197	1,217	1,236	1,255	1,274	1,292	1,309	1,326
Health Care and Social Assistance	15,144	15,493	15,836	16,172	16,503	16,826	17,144	17,454	17,758	18,054	18,343	18,625	18,899	19,165
Arts, Entertainment, and Recreation	3,919	3,998	4,076	4,153	4,228	4,302	4,375	4,446	4,515	4,584	4,650	4,715	4,778	4,840
Accommodation and Food Services	12,213	12,408	12,601	12,791	12,979	13,163	13,345	13,524	13,700	13,873	14,043	14,209	14,373	14,533
Other Services (except Public Administration)	11,727	11,929	12,128	12,325	12,518	12,708	12,895	13,079	13,259	13,436	13,610	13,780	13,947	14,110
Government	21,607	21,923	22,236	22,545	22,850	23,151	23,448	23,741	24,030	24,314	24,594	24,869	25,140	25,405

Atlanta North *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	2,357	2,373	2,389	2,405	2,422	2,438	2,455	2,472	2,489	2,506	2,524	2,541	2,559
Mining	372	376	379	382	385	388	391	394	397	400	403	406	409
Utilities	834	840	846	852	858	864	870	877	883	889	895	902	908
Construction	30,813	31,130	31,440	31,743	32,039	32,328	32,610	32,885	33,153	33,413	33,665	33,910	34,147
Manufacturing	28,643	28,914	29,180	29,442	29,700	29,953	30,202	30,446	30,685	30,920	31,149	31,374	31,593
Wholesale Trade	11,993	12,113	12,231	12,346	12,459	12,569	12,677	12,782	12,885	12,985	13,083	13,178	13,270
Retail Trade	28,024	28,314	28,597	28,874	29,145	29,409	29,667	29,917	30,161	30,399	30,629	30,852	31,067
Transporatation and Warehousing	7,582	7,669	7,753	7,835	7,915	7,992	8,067	8,140	8,210	8,278	8,344	8,407	8,467
Information	4,114	4,169	4,222	4,273	4,322	4,369	4,414	4,457	4,498	4,537	4,574	4,608	4,640
Finance and Insurance	6,315	6,377	6,439	6,499	6,558	6,616	6,672	6,727	6,781	6,834	6,885	6,935	6,983
Real Estate and Rental and Leasing	10,048	10,156	10,262	10,365	10,465	10,563	10,658	10,750	10,839	10,925	11,009	11,089	11,167
Professional, Scientific, and Technical Services	17,434	17,645	17,849	18,047	18,239	18,424	18,602	18,774	18,938	19,095	19,246	19,388	19,524
Management of Companies and Enterprises	846	855	864	873	881	889	897	905	913	920	927	934	940
Administrative and Support and Waste Management	24,814	25,139	25,453	25,756	26,047	26,326	26,594	26,850	27,094	27,326	27,545	27,752	27,946
Educational Services	1,343	1,359	1,375	1,390	1,405	1,419	1,433	1,446	1,459	1,471	1,483	1,494	1,504
Health Care and Social Assistance	19,423	19,673	19,915	20,148	20,373	20,589	20,796	20,995	21,184	21,364	21,534	21,695	21,847
Arts, Entertainment, and Recreation	4,900	4,958	5,015	5,070	5,123	5,174	5,224	5,271	5,317	5,361	5,403	5,443	5,481
Accommodation and Food Services	14,690	14,844	14,994	15,141	15,285	15,424	15,560	15,693	15,821	15,946	16,067	16,184	16,298
Other Services (except Public Administration)	14,269	14,425	14,577	14,725	14,869	15,009	15,145	15,276	15,404	15,527	15,646	15,761	15,871
Government	25,666	25,922	26,173	26,419	26,660	26,895	27,125	27,349	27,568	27,781	27,988	28,190	28,385

Appendix C:
Baseline Employment by Industry

Atlanta South

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	1,495	1,507	1,461	1,421	1,385	1,352	1,321	1,293	1,265	1,239	1,213	1,188	1,165	1,144
Mining	67	42	42	42	42	42	42	42	42	42	42	42	42	42
Utilities	388	328	321	315	309	304	300	296	292	288	284	281	277	274
Construction	4,145	4,528	4,534	4,551	4,576	4,608	4,646	4,688	4,733	4,780	4,828	4,877	4,928	4,978
Manufacturing	7,996	7,967	7,777	7,609	7,459	7,326	7,207	7,099	7,001	6,910	6,826	6,747	6,677	6,616
Wholesale Trade	2,262	1,419	1,417	1,419	1,422	1,428	1,435	1,443	1,452	1,462	1,471	1,481	1,492	1,502
Retail Trade	5,806	5,608	5,592	5,592	5,603	5,625	5,654	5,690	5,730	5,773	5,816	5,861	5,907	5,953
Transporatation and Warehousing	824	965	952	943	937	934	934	935	937	940	943	948	952	957
Information	471	529	536	545	555	565	576	588	601	614	627	642	657	672
Finance and Insurance	1,570	1,485	1,477	1,472	1,471	1,472	1,475	1,479	1,485	1,490	1,497	1,503	1,510	1,517
Real Estate and Rental and Leasing	1,501	1,756	1,760	1,769	1,784	1,803	1,825	1,850	1,878	1,906	1,936	1,966	1,997	2,028
Professional, Scientific, and Technical Services	791	1,057	1,051	1,050	1,052	1,057	1,064	1,073	1,083	1,094	1,105	1,117	1,129	1,141
Management of Companies and Enterprises	258	90	91	92	92	93	94	95	96	97	98	99	100	101
Administrative and Support and Waste Management	2,734	2,775	2,849	2,930	3,018	3,112	3,213	3,320	3,432	3,550	3,672	3,799	3,929	4,058
Educational Services	511	492	500	509	518	529	540	552	564	577	590	603	617	631
Health Care and Social Assistance	3,757	3,599	3,659	3,727	3,803	3,886	3,975	4,069	4,168	4,271	4,378	4,488	4,600	4,712
Arts, Entertainment, and Recreation	273	393	395	398	402	408	414	421	428	436	444	452	461	469
Accommodation and Food Services	2,742	2,771	2,767	2,770	2,780	2,795	2,814	2,836	2,860	2,885	2,911	2,938	2,966	2,993
Other Services (except Public Administration)	3,712	4,078	4,091	4,113	4,142	4,179	4,221	4,267	4,317	4,368	4,421	4,475	4,530	4,585
Government	7,960	8,177	8,152	8,147	8,158	8,182	8,217	8,259	8,307	8,359	8,412	8,466	8,524	8,581

Atlanta South *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,124	1,106	1,090	1,075	1,061	1,049	1,038	1,027	1,018	1,010	1,002	996	990	985
Mining	42	42	42	42	42	42	43	43	43	43	43	43	44	44
Utilities	272	269	267	265	263	262	260	259	258	257	257	256	256	255
Construction	5,027	5,076	5,125	5,173	5,220	5,268	5,314	5,361	5,406	5,452	5,497	5,541	5,585	5,629
Manufacturing	6,563	6,518	6,479	6,446	6,419	6,396	6,377	6,362	6,351	6,343	6,339	6,337	6,337	6,340
Wholesale Trade	1,512	1,523	1,533	1,543	1,553	1,563	1,573	1,584	1,594	1,604	1,614	1,624	1,634	1,644
Retail Trade	5,998	6,043	6,088	6,132	6,176	6,219	6,262	6,305	6,348	6,390	6,432	6,473	6,515	6,556
Transporatation and Warehousing	962	968	974	980	986	993	1,000	1,006	1,013	1,020	1,027	1,035	1,042	1,049
Information	688	704	720	736	752	768	784	800	816	832	848	864	880	895
Finance and Insurance	1,524	1,531	1,538	1,546	1,553	1,561	1,569	1,576	1,584	1,592	1,601	1,609	1,617	1,625
Real Estate and Rental and Leasing	2,057	2,087	2,116	2,144	2,171	2,199	2,225	2,251	2,276	2,301	2,326	2,349	2,373	2,395
Professional, Scientific, and Technical Services	1,152	1,164	1,175	1,187	1,198	1,209	1,220	1,231	1,241	1,252	1,262	1,272	1,282	1,292
Management of Companies and Enterprises	101	102	103	104	105	106	107	108	109	110	110	111	112	113
Administrative and Support and Waste Management	4,187	4,315	4,442	4,568	4,692	4,814	4,935	5,054	5,170	5,285	5,397	5,507	5,615	5,720
Educational Services	644	657	671	683	696	709	721	733	745	757	768	780	791	802
Health Care and Social Assistance	4,822	4,931	5,038	5,145	5,249	5,352	5,453	5,552	5,650	5,745	5,839	5,931	6,020	6,108
Arts, Entertainment, and Recreation	477	485	493	500	508	515	523	530	537	543	550	557	563	569
Accommodation and Food Services	3,020	3,046	3,072	3,097	3,122	3,147	3,171	3,196	3,219	3,243	3,266	3,289	3,312	3,334
Other Services (except Public Administration)	4,639	4,692	4,745	4,797	4,848	4,898	4,948	4,997	5,046	5,093	5,141	5,187	5,233	5,278
Government	8,639	8,697	8,755	8,813	8,870	8,928	8,986	9,044	9,102	9,159	9,217	9,274	9,332	9,389

Appendix C:
Baseline Employment by Industry

Atlanta South *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	980	977	974	971	969	967	966	966	966	966	967	968	970	972
Mining	44	44	44	44	45	45	45	45	46	46	46	46	47	47
Utilities	255	255	255	255	256	256	256	257	257	258	259	260	260	261
Construction	5,672	5,715	5,758	5,800	5,842	5,885	5,927	5,969	6,011	6,053	6,095	6,137	6,179	6,222
Manufacturing	6,345	6,353	6,362	6,374	6,387	6,402	6,418	6,437	6,457	6,479	6,502	6,527	6,553	6,581
Wholesale Trade	1,654	1,664	1,674	1,684	1,694	1,704	1,714	1,724	1,735	1,745	1,756	1,766	1,777	1,788
Retail Trade	6,596	6,637	6,678	6,718	6,759	6,800	6,841	6,882	6,924	6,966	7,008	7,051	7,094	7,138
Transporatation and Warehousing	1,057	1,064	1,071	1,079	1,086	1,094	1,101	1,109	1,117	1,125	1,132	1,140	1,148	1,156
Information	910	925	940	955	969	983	997	1,011	1,025	1,038	1,051	1,064	1,076	1,088
Finance and Insurance	1,634	1,642	1,651	1,660	1,668	1,677	1,686	1,696	1,705	1,715	1,724	1,734	1,744	1,754
Real Estate and Rental and Leasing	2,418	2,440	2,461	2,482	2,503	2,524	2,544	2,564	2,584	2,604	2,623	2,643	2,662	2,682
Professional, Scientific, and Technical Services	1,302	1,312	1,321	1,331	1,341	1,350	1,359	1,369	1,378	1,388	1,397	1,407	1,416	1,426
Management of Companies and Enterprises	114	115	116	116	117	118	119	120	120	121	122	123	124	125
Administrative and Support and Waste Management	5,822	5,922	6,020	6,115	6,208	6,299	6,388	6,475	6,560	6,642	6,723	6,802	6,879	6,954
Educational Services	812	823	833	843	853	863	872	882	891	900	909	918	926	935
Health Care and Social Assistance	6,194	6,278	6,360	6,440	6,518	6,595	6,671	6,745	6,818	6,889	6,959	7,028	7,095	7,162
Arts, Entertainment, and Recreation	575	581	587	593	599	604	610	615	620	626	631	636	641	646
Accommodation and Food Services	3,356	3,378	3,400	3,422	3,444	3,465	3,487	3,509	3,531	3,553	3,575	3,597	3,620	3,642
Other Services (except Public Administration)	5,322	5,366	5,410	5,453	5,496	5,538	5,580	5,622	5,664	5,706	5,747	5,789	5,831	5,872
Government	9,447	9,504	9,561	9,619	9,677	9,735	9,794	9,853	9,912	9,973	10,033	10,095	10,157	10,220

Atlanta South *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	974	977	981	984	988	993	998	1,003	1,008	1,014	1,021	1,028	1,035
Mining	47	47	48	48	48	49	49	49	50	50	50	51	51
Utilities	262	264	265	266	267	269	270	272	274	275	277	279	281
Construction	6,265	6,308	6,351	6,394	6,438	6,482	6,527	6,572	6,617	6,663	6,709	6,756	6,803
Manufacturing	6,611	6,642	6,675	6,709	6,745	6,783	6,822	6,862	6,905	6,949	6,995	7,042	7,091
Wholesale Trade	1,799	1,811	1,822	1,834	1,845	1,857	1,869	1,882	1,894	1,907	1,920	1,934	1,947
Retail Trade	7,182	7,227	7,273	7,319	7,366	7,413	7,462	7,511	7,561	7,613	7,665	7,717	7,771
Transporatation and Warehousing	1,164	1,173	1,181	1,189	1,198	1,206	1,215	1,223	1,232	1,241	1,250	1,259	1,268
Information	1,100	1,112	1,123	1,134	1,145	1,156	1,166	1,176	1,186	1,195	1,204	1,213	1,221
Finance and Insurance	1,765	1,775	1,786	1,797	1,808	1,820	1,832	1,844	1,856	1,868	1,881	1,894	1,907
Real Estate and Rental and Leasing	2,701	2,721	2,740	2,759	2,779	2,798	2,818	2,838	2,857	2,877	2,897	2,918	2,938
Professional, Scientific, and Technical Services	1,435	1,445	1,455	1,464	1,474	1,484	1,494	1,504	1,515	1,525	1,536	1,546	1,557
Management of Companies and Enterprises	125	126	127	128	129	130	131	132	133	133	134	135	136
Administrative and Support and Waste Management	7,027	7,099	7,169	7,237	7,303	7,368	7,432	7,493	7,553	7,612	7,669	7,724	7,778
Educational Services	944	952	960	968	976	984	992	999	1,007	1,015	1,022	1,029	1,036
Health Care and Social Assistance	7,227	7,292	7,355	7,417	7,479	7,539	7,599	7,658	7,716	7,773	7,830	7,886	7,941
Arts, Entertainment, and Recreation	651	656	661	666	671	676	681	686	691	696	701	706	711
Accommodation and Food Services	3,665	3,689	3,712	3,736	3,760	3,785	3,809	3,835	3,860	3,887	3,913	3,940	3,968
Other Services (except Public Administration)	5,914	5,955	5,997	6,039	6,081	6,124	6,167	6,209	6,253	6,296	6,340	6,384	6,429
Government	10,283	10,348	10,413	10,480	10,547	10,615	10,685	10,755	10,827	10,900	10,974	11,050	11,127

Appendix C:
Baseline Employment by Industry

Atlanta West

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	2,286	2,381	2,364	2,344	2,323	2,301	2,277	2,253	2,228	2,204	2,179	2,155	2,133	2,113
Mining	58	79	79	80	80	81	81	82	82	82	83	83	83	84
Utilities	514	616	615	614	611	609	606	603	600	596	593	590	587	584
Construction	9,732	9,717	10,025	10,319	10,600	10,870	11,129	11,383	11,633	11,884	12,140	12,400	12,664	12,929
Manufacturing	11,513	11,143	11,057	10,988	10,932	10,891	10,861	10,842	10,834	10,837	10,850	10,872	10,905	10,948
Wholesale Trade	1,760	2,059	2,101	2,141	2,180	2,218	2,254	2,289	2,325	2,360	2,396	2,432	2,469	2,506
Retail Trade	9,727	10,190	10,466	10,731	10,986	11,231	11,468	11,699	11,928	12,158	12,391	12,629	12,870	13,112
Transporatation and Warehousing	1,701	1,753	1,816	1,877	1,937	1,996	2,055	2,113	2,172	2,232	2,294	2,357	2,421	2,486
Information	1,088	1,095	1,134	1,171	1,207	1,241	1,275	1,308	1,342	1,376	1,411	1,447	1,484	1,521
Finance and Insurance	2,141	2,064	2,108	2,150	2,190	2,227	2,263	2,298	2,332	2,366	2,401	2,435	2,471	2,507
Real Estate and Rental and Leasing	2,341	2,967	3,087	3,205	3,320	3,432	3,544	3,654	3,766	3,880	3,997	4,118	4,242	4,367
Professional, Scientific, and Technical Services	3,250	2,906	3,014	3,118	3,219	3,316	3,412	3,507	3,601	3,698	3,796	3,898	4,002	4,107
Management of Companies and Enterprises	285	211	216	221	226	230	234	238	242	246	251	255	259	263
Administrative and Support and Waste Management	3,616	3,597	3,768	3,937	4,104	4,270	4,436	4,602	4,771	4,945	5,125	5,310	5,500	5,690
Educational Services	710	416	433	450	467	484	500	517	534	551	569	588	607	626
Health Care and Social Assistance	5,483	5,864	6,071	6,283	6,499	6,719	6,944	7,175	7,413	7,658	7,913	8,178	8,450	8,723
Arts, Entertainment, and Recreation	1,165	1,078	1,127	1,175	1,223	1,270	1,318	1,365	1,414	1,463	1,514	1,567	1,620	1,674
Accommodation and Food Services	3,909	4,225	4,338	4,448	4,554	4,658	4,760	4,860	4,959	5,060	5,162	5,266	5,372	5,478
Other Services (except Public Administration)	5,064	5,296	5,476	5,650	5,819	5,982	6,142	6,299	6,456	6,615	6,777	6,943	7,112	7,281
Government	11,685	12,100	12,385	12,657	12,916	13,163	13,401	13,633	13,861	14,090	14,322	14,557	14,798	15,039

Atlanta West *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	2,096	2,080	2,067	2,055	2,045	2,036	2,029	2,023	2,019	2,015	2,013	2,012	2,012	2,012
Mining	84	85	85	85	86	86	87	87	88	89	89	90	90	91
Utilities	582	580	579	578	577	576	576	576	576	576	577	578	579	580
Construction	13,193	13,457	13,721	13,983	14,245	14,506	14,765	15,023	15,279	15,533	15,785	16,035	16,282	16,527
Manufacturing	11,000	11,058	11,122	11,192	11,265	11,341	11,421	11,503	11,588	11,674	11,762	11,851	11,942	12,033
Wholesale Trade	2,543	2,580	2,617	2,654	2,690	2,727	2,764	2,800	2,836	2,873	2,908	2,944	2,980	3,015
Retail Trade	13,353	13,594	13,835	14,075	14,314	14,552	14,789	15,025	15,259	15,492	15,723	15,952	16,180	16,404
Transporatation and Warehousing	2,550	2,614	2,679	2,743	2,807	2,871	2,934	2,997	3,060	3,122	3,183	3,244	3,305	3,364
Information	1,559	1,597	1,636	1,674	1,712	1,751	1,789	1,827	1,865	1,903	1,941	1,978	2,015	2,051
Finance and Insurance	2,543	2,579	2,615	2,651	2,687	2,723	2,760	2,796	2,832	2,868	2,903	2,939	2,974	3,010
Real Estate and Rental and Leasing	4,492	4,617	4,742	4,867	4,992	5,117	5,241	5,365	5,488	5,609	5,730	5,850	5,968	6,085
Professional, Scientific, and Technical Services	4,213	4,318	4,424	4,530	4,636	4,742	4,847	4,953	5,057	5,161	5,265	5,367	5,468	5,569
Management of Companies and Enterprises	267	271	275	280	284	288	292	296	300	304	308	312	316	320
Administrative and Support and Waste Management	5,880	6,071	6,261	6,450	6,639	6,826	7,013	7,197	7,380	7,561	7,740	7,917	8,091	8,262
Educational Services	645	663	682	701	720	738	757	775	793	811	829	847	864	881
Health Care and Social Assistance	8,997	9,271	9,545	9,818	10,090	10,361	10,630	10,897	11,162	11,425	11,684	11,940	12,193	12,442
Arts, Entertainment, and Recreation	1,728	1,783	1,837	1,890	1,944	1,998	2,051	2,103	2,156	2,208	2,259	2,309	2,359	2,409
Accommodation and Food Services	5,583	5,688	5,793	5,898	6,001	6,105	6,207	6,309	6,411	6,511	6,611	6,709	6,807	6,903
Other Services (except Public Administration)	7,450	7,619	7,787	7,955	8,122	8,289	8,455	8,619	8,783	8,945	9,106	9,265	9,422	9,577
Government	15,280	15,522	15,764	16,005	16,246	16,487	16,727	16,966	17,204	17,440	17,676	17,909	18,141	18,371

Appendix C:
Baseline Employment by Industry

Atlanta West *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	2,014	2,016	2,020	2,024	2,028	2,033	2,039	2,046	2,053	2,060	2,068	2,077	2,086	2,096
Mining	91	92	93	93	94	94	95	96	96	97	98	98	99	100
Utilities	581	583	584	586	588	590	592	595	597	600	603	606	608	612
Construction	16,769	17,008	17,244	17,478	17,708	17,936	18,160	18,382	18,600	18,815	19,027	19,236	19,442	19,644
Manufacturing	12,124	12,217	12,310	12,403	12,497	12,591	12,686	12,781	12,877	12,972	13,068	13,165	13,262	13,359
Wholesale Trade	3,050	3,084	3,118	3,152	3,186	3,220	3,253	3,286	3,318	3,350	3,382	3,414	3,445	3,477
Retail Trade	16,627	16,847	17,064	17,280	17,493	17,703	17,911	18,117	18,319	18,520	18,718	18,913	19,105	19,294
Transporatation and Warehousing	3,423	3,481	3,538	3,594	3,650	3,705	3,758	3,811	3,864	3,915	3,965	4,015	4,063	4,111
Information	2,087	2,123	2,158	2,192	2,226	2,260	2,293	2,325	2,357	2,388	2,419	2,449	2,479	2,508
Finance and Insurance	3,045	3,079	3,114	3,148	3,182	3,216	3,249	3,283	3,315	3,348	3,380	3,412	3,444	3,476
Real Estate and Rental and Leasing	6,200	6,313	6,425	6,535	6,644	6,751	6,855	6,958	7,060	7,159	7,256	7,351	7,444	7,534
Professional, Scientific, and Technical Services	5,668	5,766	5,862	5,958	6,051	6,144	6,235	6,325	6,413	6,499	6,584	6,667	6,749	6,828
Management of Companies and Enterprises	324	328	332	336	339	343	347	350	354	358	361	365	368	372
Administrative and Support and Waste Management	8,430	8,596	8,759	8,918	9,075	9,229	9,380	9,528	9,672	9,814	9,952	10,087	10,219	10,347
Educational Services	898	915	931	947	963	978	994	1,009	1,023	1,038	1,052	1,066	1,079	1,092
Health Care and Social Assistance	12,687	12,928	13,165	13,398	13,627	13,851	14,071	14,287	14,498	14,705	14,908	15,106	15,299	15,487
Arts, Entertainment, and Recreation	2,457	2,505	2,552	2,598	2,644	2,688	2,732	2,775	2,817	2,858	2,899	2,938	2,977	3,014
Accommodation and Food Services	6,998	7,092	7,185	7,277	7,368	7,457	7,546	7,633	7,719	7,804	7,888	7,971	8,052	8,133
Other Services (except Public Administration)	9,731	9,882	10,032	10,179	10,324	10,468	10,609	10,748	10,884	11,019	11,151	11,281	11,408	11,533
Government	18,599	18,825	19,049	19,271	19,490	19,708	19,923	20,136	20,347	20,555	20,761	20,965	21,167	21,365

Atlanta West *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	2,106	2,117	2,128	2,140	2,152	2,164	2,177	2,191	2,204	2,219	2,234	2,249	2,265
Mining	100	101	102	102	103	104	104	105	106	107	107	108	109
Utilities	615	618	622	625	629	632	636	640	645	649	653	658	662
Construction	19,842	20,038	20,229	20,417	20,601	20,781	20,958	21,131	21,299	21,464	21,624	21,781	21,933
Manufacturing	13,456	13,554	13,651	13,750	13,848	13,947	14,047	14,146	14,246	14,347	14,448	14,549	14,651
Wholesale Trade	3,507	3,538	3,568	3,598	3,627	3,656	3,685	3,714	3,742	3,770	3,797	3,824	3,851
Retail Trade	19,481	19,665	19,846	20,024	20,199	20,371	20,540	20,705	20,868	21,027	21,183	21,335	21,484
Transporatation and Warehousing	4,157	4,203	4,247	4,291	4,333	4,375	4,415	4,454	4,493	4,530	4,565	4,600	4,634
Information	2,536	2,563	2,590	2,616	2,642	2,667	2,691	2,714	2,737	2,759	2,780	2,800	2,820
Finance and Insurance	3,507	3,538	3,568	3,598	3,628	3,657	3,686	3,715	3,743	3,771	3,799	3,826	3,853
Real Estate and Rental and Leasing	7,623	7,709	7,794	7,875	7,955	8,032	8,106	8,178	8,248	8,314	8,379	8,440	8,499
Professional, Scientific, and Technical Services	6,906	6,982	7,057	7,129	7,199	7,267	7,334	7,398	7,460	7,520	7,578	7,633	7,687
Management of Companies and Enterprises	375	378	382	385	388	391	394	397	401	404	406	409	412
Administrative and Support and Waste Management	10,472	10,594	10,712	10,827	10,938	11,046	11,149	11,250	11,346	11,439	11,528	11,613	11,694
Educational Services	1,105	1,118	1,130	1,142	1,153	1,164	1,175	1,185	1,196	1,205	1,215	1,223	1,232
Health Care and Social Assistance	15,671	15,850	16,024	16,192	16,356	16,515	16,668	16,817	16,960	17,097	17,229	17,356	17,478
Arts, Entertainment, and Recreation	3,051	3,086	3,121	3,154	3,187	3,218	3,249	3,278	3,306	3,333	3,359	3,384	3,408
Accommodation and Food Services	8,212	8,289	8,366	8,441	8,515	8,587	8,659	8,729	8,797	8,864	8,930	8,994	9,057
Other Services (except Public Administration)	11,656	11,776	11,894	12,009	12,121	12,231	12,337	12,442	12,543	12,641	12,737	12,830	12,919
Government	21,562	21,756	21,947	22,136	22,322	22,505	22,686	22,864	23,038	23,211	23,380	23,546	23,709

Appendix C:
Baseline Employment by Industry

Rest of Georgia

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	81,023	81,616	80,036	78,561	77,174	75,862	74,611	73,411	72,252	71,124	70,021	68,944	67,938	67,021
Mining	6,346	6,373	6,319	6,275	6,241	6,214	6,193	6,176	6,162	6,150	6,138	6,127	6,118	6,112
Utilities	12,046	10,446	10,324	10,213	10,112	10,019	9,932	9,851	9,773	9,698	9,626	9,556	9,493	9,437
Construction	132,074	130,789	132,279	133,847	135,486	137,188	138,945	140,750	142,595	144,474	146,381	148,318	150,288	152,239
Manufacturing	323,869	305,495	302,055	298,984	296,244	293,804	291,634	289,709	288,007	286,505	285,187	284,043	283,183	282,598
Wholesale Trade	60,115	59,801	60,227	60,694	61,197	61,730	62,288	62,866	63,459	64,064	64,677	65,298	65,935	66,568
Retail Trade	252,937	251,077	253,317	255,748	258,348	261,095	263,969	266,946	270,006	273,126	276,293	279,508	282,784	286,030
Transporatation and Warehousing	72,208	73,565	74,647	75,797	77,010	78,281	79,606	80,979	82,396	83,852	85,343	86,869	88,375	89,874
Information	33,445	31,890	32,155	32,459	32,799	33,171	33,572	34,000	34,451	34,922	35,410	35,915	36,438	36,963
Finance and Insurance	66,567	67,934	68,188	68,499	68,861	69,264	69,702	70,167	70,653	71,151	71,658	72,174	72,710	73,247
Real Estate and Rental and Leasing	50,762	58,426	59,379	60,386	61,445	62,551	63,703	64,897	66,130	67,397	68,699	70,034	71,397	72,749
Professional, Scientific, and Technical Services	76,080	76,725	78,114	79,578	81,114	82,718	84,386	86,117	87,905	89,750	91,650	93,606	95,606	97,595
Management of Companies and Enterprises	19,890	19,298	19,404	19,526	19,663	19,813	19,974	20,143	20,318	20,498	20,679	20,864	21,053	21,241
Administrative and Support and Waste Management	101,169	102,500	105,501	108,656	111,963	115,422	119,033	122,794	126,705	130,766	134,977	139,343	143,814	148,269
Educational Services	24,452	25,036	25,603	26,196	26,813	27,454	28,117	28,801	29,506	30,229	30,972	31,733	32,507	33,272
Health Care and Social Assistance	177,242	182,932	186,741	190,793	195,079	199,586	204,304	209,221	214,324	219,597	225,033	230,637	236,353	242,026
Arts, Entertainment, and Recreation	24,910	23,737	24,279	24,846	25,436	26,049	26,685	27,341	28,017	28,713	29,427	30,160	30,905	31,642
Accommodation and Food Services	137,775	141,971	143,508	145,158	146,909	148,750	150,669	152,654	154,694	156,776	158,891	161,041	163,227	165,387
Other Services (except Public Administration)	117,384	119,968	121,587	123,299	125,096	126,971	128,914	130,919	132,978	135,083	137,229	139,418	141,645	143,849
Government	404,679	409,612	411,634	413,908	416,401	419,081	421,921	424,889	427,960	431,104	434,304	437,560	440,990	444,437

Rest of Georgia *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	66,186	65,427	64,739	64,117	63,556	63,052	62,601	62,201	61,847	61,538	61,269	61,040	60,847	60,689
Mining	6,107	6,105	6,104	6,105	6,107	6,111	6,117	6,124	6,133	6,143	6,154	6,167	6,181	6,196
Utilities	9,389	9,347	9,312	9,282	9,259	9,240	9,226	9,217	9,212	9,211	9,214	9,221	9,231	9,244
Construction	154,169	156,079	157,969	159,837	161,685	163,511	165,316	167,101	168,864	170,606	172,327	174,027	175,705	177,362
Manufacturing	282,256	282,129	282,192	282,424	282,807	283,326	283,967	284,717	285,566	286,505	287,525	288,619	289,780	291,001
Wholesale Trade	67,199	67,826	68,451	69,072	69,689	70,304	70,914	71,522	72,125	72,725	73,322	73,915	74,504	75,088
Retail Trade	289,245	292,429	295,582	298,703	301,792	304,850	307,876	310,871	313,834	316,767	319,668	322,539	325,379	328,187
Transporatation and Warehousing	91,365	92,846	94,316	95,774	97,219	98,650	100,067	101,468	102,853	104,222	105,574	106,909	108,226	109,524
Information	37,488	38,014	38,538	39,061	39,582	40,099	40,613	41,122	41,627	42,127	42,621	43,110	43,592	44,067
Finance and Insurance	73,788	74,330	74,874	75,419	75,965	76,513	77,061	77,609	78,158	78,706	79,255	79,803	80,351	80,899
Real Estate and Rental and Leasing	74,090	75,418	76,733	78,033	79,317	80,586	81,838	83,072	84,288	85,486	86,664	87,824	88,963	90,082
Professional, Scientific, and Technical Services	99,572	101,534	103,480	105,407	107,315	109,202	111,065	112,904	114,718	116,506	118,266	119,998	121,700	123,372
Management of Companies and Enterprises	21,427	21,613	21,798	21,981	22,163	22,345	22,525	22,704	22,882	23,059	23,234	23,409	23,583	23,755
Administrative and Support and Waste Management	152,701	157,105	161,474	165,803	170,085	174,317	178,494	182,611	186,665	190,651	194,567	198,409	202,175	205,860
Educational Services	34,028	34,775	35,511	36,237	36,952	37,655	38,347	39,027	39,695	40,351	40,994	41,624	42,242	42,847
Health Care and Social Assistance	247,648	253,214	258,717	264,154	269,519	274,809	280,019	285,147	290,190	295,143	300,007	304,777	309,452	314,028
Arts, Entertainment, and Recreation	32,371	33,090	33,800	34,500	35,190	35,868	36,536	37,192	37,836	38,468	39,089	39,697	40,293	40,876
Accommodation and Food Services	167,522	169,631	171,713	173,770	175,800	177,804	179,782	181,734	183,661	185,561	187,436	189,286	191,111	192,909
Other Services (except Public Administration)	146,028	148,183	150,313	152,416	154,493	156,542	158,564	160,558	162,524	164,462	166,372	168,252	170,105	171,927
Government	447,899	451,371	454,852	458,339	461,829	465,321	468,813	472,303	475,789	479,271	482,747	486,216	489,676	493,124

Appendix C:
Baseline Employment by Industry

Rest of Georgia *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	60,564	60,469	60,404	60,367	60,356	60,371	60,411	60,474	60,561	60,670	60,801	60,953	61,127	61,321
Mining	6,212	6,229	6,247	6,267	6,287	6,309	6,332	6,356	6,382	6,408	6,436	6,464	6,494	6,526
Utilities	9,260	9,278	9,300	9,324	9,351	9,380	9,411	9,445	9,481	9,519	9,559	9,601	9,645	9,692
Construction	178,998	180,616	182,217	183,802	185,373	186,932	188,480	190,017	191,546	193,067	194,581	196,090	197,594	199,094
Manufacturing	292,277	293,607	294,986	296,412	297,883	299,397	300,954	302,552	304,190	305,867	307,583	309,337	311,130	312,961
Wholesale Trade	75,670	76,248	76,824	77,397	77,970	78,541	79,112	79,683	80,254	80,825	81,398	81,972	82,548	83,126
Retail Trade	330,965	333,717	336,446	339,156	341,847	344,524	347,188	349,841	352,487	355,127	357,762	360,395	363,028	365,663
Transporatation and Warehousing	110,805	112,068	113,317	114,550	115,770	116,977	118,172	119,355	120,528	121,691	122,845	123,990	125,128	126,258
Information	44,536	44,998	45,455	45,905	46,351	46,791	47,226	47,657	48,083	48,505	48,924	49,339	49,750	50,158
Finance and Insurance	81,445	81,992	82,539	83,088	83,637	84,189	84,743	85,299	85,859	86,422	86,989	87,560	88,136	88,716
Real Estate and Rental and Leasing	91,180	92,260	93,322	94,366	95,394	96,406	97,403	98,385	99,354	100,310	101,253	102,184	103,103	104,012
Professional, Scientific, and Technical Services	125,013	126,625	128,209	129,766	131,296	132,802	134,283	135,740	137,174	138,586	139,977	141,346	142,695	144,024
Management of Companies and Enterprises	23,927	24,097	24,267	24,437	24,607	24,776	24,946	25,116	25,286	25,457	25,628	25,801	25,974	26,149
Administrative and Support and Waste Management	209,464	212,991	216,441	219,817	223,119	226,350	229,510	232,601	235,624	238,580	241,471	244,297	247,059	249,759
Educational Services	43,439	44,019	44,587	45,145	45,691	46,228	46,755	47,272	47,780	48,280	48,771	49,254	49,729	50,197
Health Care and Social Assistance	318,508	322,896	327,195	331,408	335,539	339,591	343,566	347,467	351,297	355,058	358,752	362,382	365,949	369,456
Arts, Entertainment, and Recreation	41,446	42,005	42,553	43,089	43,616	44,132	44,639	45,136	45,625	46,105	46,577	47,041	47,497	47,946
Accommodation and Food Services	194,684	196,436	198,168	199,883	201,581	203,265	204,936	206,595	208,244	209,885	211,518	213,145	214,767	216,385
Other Services (except Public Administration)	173,721	175,488	177,231	178,952	180,651	182,330	183,990	185,634	187,262	188,874	190,474	192,060	193,635	195,199
Government	496,563	499,996	503,425	506,853	510,283	513,717	517,158	520,608	524,069	527,544	531,035	534,543	538,071	541,621

Rest of Georgia *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	61,536	61,770	62,025	62,300	62,595	62,909	63,244	63,598	63,972	64,367	64,781	65,216	65,672
Mining	6,558	6,592	6,627	6,663	6,700	6,739	6,780	6,821	6,864	6,909	6,955	7,002	7,051
Utilities	9,740	9,790	9,843	9,897	9,953	10,011	10,072	10,134	10,198	10,265	10,333	10,404	10,477
Construction	200,591	202,087	203,580	205,074	206,567	208,062	209,558	211,056	212,557	214,061	215,569	217,081	218,599
Manufacturing	314,831	316,739	318,686	320,672	322,697	324,762	326,868	329,015	331,203	333,434	335,708	338,026	340,388
Wholesale Trade	83,706	84,290	84,876	85,465	86,058	86,655	87,257	87,862	88,473	89,088	89,708	90,334	90,965
Retail Trade	368,300	370,942	373,590	376,246	378,910	381,585	384,272	386,972	389,685	392,414	395,160	397,923	400,704
Transporatation and Warehousing	127,382	128,500	129,612	130,719	131,821	132,920	134,014	135,106	136,194	137,280	138,364	139,446	140,527
Information	50,563	50,966	51,366	51,763	52,158	52,552	52,943	53,333	53,721	54,108	54,494	54,878	55,262
Finance and Insurance	89,302	89,893	90,490	91,094	91,703	92,320	92,944	93,575	94,213	94,860	95,515	96,178	96,851
Real Estate and Rental and Leasing	104,910	105,797	106,675	107,544	108,403	109,254	110,097	110,931	111,758	112,577	113,389	114,194	114,992
Professional, Scientific, and Technical Services	145,334	146,625	147,898	149,152	150,389	151,609	152,812	153,999	155,169	156,324	157,463	158,586	159,695
Management of Companies and Enterprises	26,324	26,501	26,680	26,860	27,041	27,225	27,410	27,597	27,786	27,978	28,171	28,367	28,565
Administrative and Support and Waste Management	252,396	254,973	257,489	259,945	262,342	264,681	266,961	269,184	271,350	273,458	275,510	277,506	279,445
Educational Services	50,657	51,110	51,557	51,997	52,430	52,857	53,278	53,693	54,102	54,505	54,902	55,294	55,681
Health Care and Social Assistance	372,904	376,295	379,631	382,912	386,141	389,318	392,446	395,524	398,555	401,538	404,475	407,367	410,214
Arts, Entertainment, and Recreation	48,388	48,823	49,251	49,672	50,088	50,497	50,899	51,297	51,688	52,073	52,453	52,828	53,197
Accommodation and Food Services	218,000	219,614	221,226	222,839	224,453	226,068	227,686	229,308	230,933	232,563	234,199	235,841	237,489
Other Services (except Public Administration)	196,754	198,300	199,837	201,367	202,890	204,408	205,920	207,427	208,931	210,430	211,927	213,420	214,912
Government	545,194	548,793	552,419	556,075	559,762	563,481	567,235	571,025	574,853	578,719	582,627	586,577	590,571

Appendix D:
Baseline Output by Industry

Cherokee County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	65,380	52,546	55,126	57,543	59,813	61,955	63,997	65,972	67,918	69,881	71,890	73,943	77,440	81,032
Mining	2,973	7,730	8,050	8,336	8,589	8,815	9,018	9,203	9,377	9,548	9,719	9,892	10,372	10,866
Utilities	17,158	20,272	21,294	22,252	23,151	23,998	24,804	25,583	26,350	27,123	27,915	28,724	30,101	31,517
Construction	516,377	521,659	547,534	571,968	595,084	617,071	638,184	658,735	679,094	699,684	720,787	742,390	777,149	812,842
Manufacturing	651,810	623,260	662,059	699,473	735,582	770,572	804,733	838,460	872,249	906,695	942,207	978,768	1,026,227	1,075,034
Wholesale Trade	292,802	306,996	333,686	360,595	387,681	414,956	442,495	470,439	499,003	528,475	559,067	590,761	618,935	647,890
Retail Trade	371,494	401,626	429,693	457,394	484,746	511,824	538,774	565,806	593,201	621,313	650,390	680,413	712,576	745,618
Transporatation and Warehousing	58,964	59,296	63,558	67,765	71,918	76,027	80,115	84,213	88,367	92,631	97,043	101,603	106,479	111,492
Information	38,741	61,450	67,314	73,278	79,325	85,455	91,678	98,019	104,521	111,242	118,225	125,466	131,440	137,579
Finance and Insurance	201,546	236,244	253,979	270,754	287,302	303,666	319,933	336,236	352,752	369,704	387,250	405,382	424,883	444,934
Real Estate and Rental and Leasing	269,030	275,227	291,667	308,406	324,743	340,750	356,537	372,254	388,093	404,290	421,005	438,227	458,863	480,059
Professional, Scientific, and Technical Services	135,663	144,269	157,292	170,461	183,751	197,163	210,731	224,518	238,626	253,191	268,316	283,991	297,549	311,485
Management of Companies and Enterprises	40,149	49,672	53,426	57,144	60,823	64,473	68,110	71,763	75,470	79,279	83,225	87,307	91,540	95,893
Administrative and Support and Waste Management	157,358	150,637	161,255	171,750	182,128	192,415	202,664	212,954	223,389	234,101	245,183	256,628	268,744	281,190
Educational Services	19,880	20,337	21,450	22,504	23,502	24,452	25,364	26,251	27,130	28,020	28,934	29,871	31,319	32,807
Health Care and Social Assistance	184,273	215,600	231,012	246,242	261,292	276,203	291,051	305,952	321,059	336,567	352,615	369,192	386,753	404,800
Arts, Entertainment, and Recreation	60,215	51,413	55,224	59,018	62,796	66,564	70,339	74,145	78,016	81,996	86,115	90,371	94,589	98,919
Accommodation and Food Services	120,431	134,642	142,562	150,206	157,595	164,768	171,785	178,723	185,680	192,773	200,079	207,596	217,415	227,502
Other Services (except Public Administration)	145,347	159,066	169,277	179,250	189,001	198,568	208,015	217,430	226,927	236,646	246,681	257,027	269,193	281,691
Government	247,843	271,933	285,648	298,537	310,664	322,133	333,085	343,692	354,161	364,728	375,551	386,623	405,031	423,947

Cherokee County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	84,716	88,488	92,345	96,280	100,291	104,372	108,517	112,723	116,983	121,291	125,642	130,029	134,446	138,885
Mining	11,373	11,893	12,425	12,968	13,523	14,088	14,662	15,245	15,836	16,435	17,039	17,650	18,265	18,883
Utilities	32,969	34,458	35,980	37,535	39,120	40,734	42,375	44,040	45,728	47,436	49,161	50,902	52,655	54,417
Construction	849,435	886,888	925,162	964,211	1,003,991	1,044,454	1,085,549	1,127,223	1,169,422	1,212,090	1,255,168	1,298,595	1,342,309	1,386,223
Manufacturing	1,125,142	1,176,501	1,229,055	1,282,747	1,337,514	1,393,290	1,450,006	1,507,588	1,565,960	1,625,042	1,684,752	1,745,003	1,805,707	1,866,740
Wholesale Trade	677,599	708,031	739,153	770,930	803,325	836,300	869,813	903,821	938,280	973,142	1,008,360	1,043,883	1,079,659	1,115,617
Retail Trade	779,505	814,204	849,676	885,881	922,777	960,320	998,462	1,037,155	1,076,348	1,115,988	1,156,020	1,196,388	1,237,034	1,277,875
Transporatation and Warehousing	116,636	121,907	127,299	132,805	138,420	144,137	149,948	155,846	161,824	167,873	173,984	180,150	186,361	192,604
Information	143,878	150,329	156,926	163,662	170,528	177,516	184,618	191,824	199,124	206,510	213,971	221,496	229,074	236,690
Finance and Insurance	465,513	486,600	508,174	530,208	552,679	575,559	598,819	622,429	646,359	670,576	695,045	719,733	744,602	769,602
Real Estate and Rental and Leasing	501,795	524,048	546,794	570,007	593,660	617,724	642,170	666,966	692,079	717,477	743,123	768,982	795,016	821,173
Professional, Scientific, and Technical Services	325,783	340,431	355,411	370,708	386,303	402,178	418,313	434,686	451,278	468,064	485,022	502,128	519,357	536,673
Management of Companies and Enterprises	100,362	104,944	109,632	114,422	119,308	124,284	129,344	134,482	139,691	144,964	150,292	155,669	161,087	166,535
Administrative and Support and Waste Management	293,954	307,024	320,384	334,019	347,914	362,052	376,416	390,986	405,744	420,670	435,743	450,942	466,245	481,622
Educational Services	34,336	35,903	37,507	39,146	40,817	42,519	44,251	46,008	47,790	49,594	51,417	53,257	55,111	56,975
Health Care and Social Assistance	423,314	442,277	461,667	481,464	501,643	522,182	543,054	564,232	585,689	607,396	629,321	651,436	673,706	696,088
Arts, Entertainment, and Recreation	103,358	107,902	112,543	117,279	122,102	127,008	131,989	137,041	142,155	147,326	152,545	157,807	163,103	168,422
Accommodation and Food Services	237,849	248,443	259,273	270,328	281,593	293,056	304,703	316,518	328,486	340,590	352,814	365,141	377,553	390,025
Other Services (except Public Administration)	294,511	307,637	321,057	334,755	348,715	362,919	377,351	391,992	406,823	421,823	436,972	452,249	467,631	483,087
Government	443,354	463,230	483,556	504,308	525,461	546,990	568,869	591,069	613,561	636,315	659,299	682,479	705,824	729,285

Appendix D:
Baseline Output by Industry

Cherokee County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	143,341	147,813	152,296	156,789	161,287	165,787	170,287	174,783	179,271	183,748	188,211	192,657	197,082	201,482
Mining	19,504	20,128	20,754	21,381	22,009	22,638	23,267	23,895	24,522	25,147	25,771	26,392	27,010	27,624
Utilities	56,187	57,964	59,746	61,532	63,321	65,111	66,901	68,689	70,474	72,255	74,031	75,799	77,559	79,308
Construction	1,430,308	1,474,534	1,518,872	1,563,292	1,607,763	1,652,254	1,696,735	1,741,174	1,785,539	1,829,800	1,873,924	1,917,878	1,961,633	2,005,154
Manufacturing	1,928,057	1,989,612	2,051,360	2,113,251	2,175,238	2,237,273	2,299,306	2,361,287	2,423,166	2,484,894	2,546,418	2,607,687	2,668,651	2,729,258
Wholesale Trade	1,151,731	1,187,975	1,224,323	1,260,749	1,297,226	1,333,727	1,370,223	1,406,689	1,443,094	1,479,413	1,515,615	1,551,673	1,587,558	1,623,242
Retail Trade	1,318,885	1,360,034	1,401,294	1,442,636	1,484,030	1,525,447	1,566,857	1,608,230	1,649,534	1,690,740	1,731,816	1,772,731	1,813,454	1,853,955
Transporatation and Warehousing	198,876	205,171	211,485	217,813	224,151	230,494	236,836	243,174	249,502	255,815	262,108	268,376	274,614	280,818
Information	244,338	252,014	259,711	267,425	275,149	282,877	290,605	298,326	306,034	313,723	321,388	329,023	336,621	344,176
Finance and Insurance	794,715	819,924	845,208	870,550	895,929	921,327	946,723	972,098	997,432	1,022,704	1,047,894	1,072,982	1,097,947	1,122,769
Real Estate and Rental and Leasing	847,436	873,787	900,207	926,679	953,183	979,701	1,006,214	1,032,703	1,059,148	1,085,530	1,111,830	1,138,028	1,164,104	1,190,039
Professional, Scientific, and Technical Services	554,065	571,521	589,027	606,571	624,139	641,719	659,298	676,861	694,396	711,889	729,326	746,693	763,977	781,163
Management of Companies and Enterprises	172,008	177,503	183,015	188,540	194,073	199,611	205,150	210,683	216,208	221,719	227,212	232,683	238,126	243,537
Administrative and Support and Waste Management	497,061	512,553	528,086	543,650	559,234	574,826	590,415	605,990	621,539	637,052	652,515	667,919	683,250	698,498
Educational Services	58,848	60,728	62,614	64,505	66,398	68,294	70,189	72,083	73,973	75,860	77,740	79,612	81,475	83,327
Health Care and Social Assistance	718,566	741,123	763,745	786,413	809,113	831,827	854,538	877,229	899,884	922,484	945,012	967,450	989,782	1,011,990
Arts, Entertainment, and Recreation	173,762	179,119	184,489	189,868	195,253	200,641	206,027	211,408	216,781	222,140	227,483	232,806	238,105	243,375
Accommodation and Food Services	402,548	415,114	427,714	440,339	452,981	465,629	478,275	490,909	503,523	516,106	528,650	541,144	553,580	565,948
Other Services (except Public Administration)	498,608	514,181	529,797	545,444	561,110	576,786	592,459	608,118	623,750	639,346	654,892	670,377	685,789	701,117
Government	752,846	776,491	800,202	823,962	847,755	871,562	895,365	919,147	942,889	966,574	990,183	1,013,697	1,037,099	1,060,369

Cherokee County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	205,855	210,197	214,505	218,775	223,004	227,188	231,325	235,410	239,442	243,415	247,328	251,177	254,958
Mining	28,234	28,840	29,440	30,034	30,622	31,204	31,778	32,344	32,902	33,451	33,991	34,521	35,041
Utilities	81,046	82,772	84,482	86,178	87,856	89,515	91,155	92,773	94,368	95,939	97,485	99,003	100,494
Construction	2,048,410	2,091,369	2,133,998	2,176,267	2,218,142	2,259,592	2,300,586	2,341,091	2,381,078	2,420,514	2,459,369	2,497,613	2,535,216
Manufacturing	2,789,456	2,849,194	2,908,421	2,967,084	3,025,134	3,082,518	3,139,187	3,195,091	3,250,179	3,304,402	3,357,712	3,410,061	3,461,402
Wholesale Trade	1,658,696	1,693,891	1,728,799	1,763,391	1,797,639	1,831,514	1,864,988	1,898,034	1,930,624	1,962,730	1,994,325	2,025,382	2,055,876
Retail Trade	1,894,202	1,934,163	1,973,807	2,013,104	2,052,023	2,090,532	2,128,601	2,166,200	2,203,297	2,239,864	2,275,870	2,311,287	2,346,084
Transporatation and Warehousing	286,981	293,099	299,167	305,179	311,132	317,019	322,836	328,578	334,239	339,816	345,303	350,696	355,989
Information	351,683	359,136	366,528	373,853	381,107	388,282	395,372	402,373	409,278	416,081	422,776	429,359	435,823
Finance and Insurance	1,147,427	1,171,899	1,196,167	1,220,209	1,244,005	1,267,534	1,290,777	1,313,713	1,336,322	1,358,585	1,380,482	1,401,993	1,423,101
Real Estate and Rental and Leasing	1,215,813	1,241,407	1,266,800	1,291,973	1,316,907	1,341,582	1,365,979	1,390,079	1,413,861	1,437,309	1,460,402	1,483,122	1,505,451
Professional, Scientific, and Technical Services	798,238	815,189	832,000	848,658	865,151	881,462	897,581	913,491	929,182	944,638	959,847	974,796	989,472
Management of Companies and Enterprises	248,912	254,245	259,533	264,771	269,953	275,076	280,135	285,126	290,043	294,883	299,641	304,313	308,894
Administrative and Support and Waste Management	713,650	728,695	743,622	758,418	773,073	787,573	801,909	816,068	830,040	843,812	857,375	870,716	883,825
Educational Services	85,166	86,991	88,801	90,594	92,367	94,121	95,852	97,560	99,242	100,899	102,527	104,125	105,693
Health Care and Social Assistance	1,034,055	1,055,961	1,077,690	1,099,223	1,120,544	1,141,636	1,162,480	1,183,060	1,203,359	1,223,359	1,243,045	1,262,399	1,281,405
Arts, Entertainment, and Recreation	248,614	253,817	258,981	264,102	269,175	274,198	279,166	284,076	288,924	293,705	298,418	303,057	307,620
Accommodation and Food Services	578,238	590,441	602,547	614,546	626,430	638,189	649,813	661,292	672,619	683,783	694,776	705,588	716,211
Other Services (except Public Administration)	716,348	731,471	746,473	761,344	776,070	790,641	805,045	819,270	833,305	847,138	860,758	874,154	887,315
Government	1,083,490	1,106,442	1,129,207	1,151,767	1,174,104	1,196,198	1,218,033	1,239,589	1,260,849	1,281,795	1,302,410	1,322,676	1,342,576

Appendix D:
Baseline Output by Industry

Clayton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	4,705	14,446	14,698	14,982	15,296	15,637	16,003	16,389	16,793	17,211	17,638	18,074	18,631	19,196
Mining	81,934	64,040	63,376	62,762	62,192	61,658	61,152	60,667	60,192	59,720	59,243	58,764	60,659	62,584
Utilities	650,079	510,821	515,220	520,396	526,288	532,831	539,948	547,555	555,562	563,867	572,401	581,155	599,792	618,711
Construction	389,301	354,097	356,081	358,733	361,993	365,795	370,065	374,727	379,693	384,874	390,206	395,683	407,946	420,383
Manufacturing	1,397,041	1,342,858	1,368,718	1,396,610	1,426,438	1,458,081	1,491,394	1,526,210	1,562,337	1,599,561	1,637,721	1,676,773	1,731,940	1,787,975
Wholesale Trade	578,052	648,374	675,199	703,682	733,760	765,352	798,358	832,653	868,085	904,477	941,689	979,678	1,010,881	1,042,551
Retail Trade	884,903	875,655	897,575	921,437	947,134	974,537	1,003,493	1,033,823	1,065,320	1,097,749	1,130,932	1,164,830	1,201,447	1,238,598
Transporatation and Warehousing	6,629,629	6,515,897	6,759,154	7,017,402	7,290,060	7,576,394	7,875,497	8,186,280	8,507,454	8,837,517	9,175,286	9,520,375	9,828,566	10,141,488
Information	234,707	224,839	235,329	246,438	258,147	270,428	283,246	296,553	310,291	324,390	338,796	353,491	364,611	375,891
Finance and Insurance	245,617	273,764	281,257	289,307	297,886	306,962	316,495	326,439	336,742	347,345	358,204	369,304	381,238	393,356
Real Estate and Rental and Leasing	211,104	191,107	195,745	200,817	206,297	212,156	218,358	224,861	231,620	238,581	245,704	252,981	260,897	268,928
Professional, Scientific, and Technical Services	419,718	387,789	403,238	419,636	436,946	455,124	474,112	493,839	514,218	535,149	556,550	578,398	596,877	615,634
Management of Companies and Enterprises	370,278	332,908	343,059	353,871	365,316	377,360	389,961	403,071	416,632	430,577	444,855	459,451	474,442	489,667
Administrative and Support and Waste Management	255,861	256,846	265,125	274,016	283,491	293,514	304,043	315,024	326,396	338,090	350,049	362,260	373,695	385,297
Educational Services	11,790	13,154	13,292	13,449	13,623	13,812	14,014	14,229	14,454	14,687	14,925	15,170	15,665	16,167
Health Care and Social Assistance	638,261	659,716	676,614	694,897	714,495	735,318	757,264	780,208	804,012	828,512	853,588	879,210	907,192	935,591
Arts, Entertainment, and Recreation	25,688	19,821	20,405	21,037	21,717	22,440	23,202	24,000	24,828	25,679	26,549	27,436	28,282	29,140
Accommodation and Food Services	355,313	363,708	369,487	375,988	383,163	390,953	399,295	408,113	417,325	426,838	436,585	446,553	460,558	474,766
Other Services (except Public Administration)	274,031	256,840	261,725	267,130	273,025	279,370	286,120	293,225	300,628	308,263	316,084	324,082	334,305	344,678
Government	669,133	687,976	692,294	697,709	704,129	711,451	719,561	728,332	737,632	747,313	757,276	767,507	791,886	816,627

Clayton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	19,769	20,347	20,932	21,522	22,116	22,714	23,315	23,919	24,525	25,133	25,741	26,350	26,959	27,567
Mining	64,534	66,508	68,504	70,519	72,551	74,597	76,656	78,726	80,804	82,889	84,977	87,069	89,160	91,249
Utilities	637,888	657,299	676,922	696,736	716,717	736,844	757,098	777,455	797,898	818,404	838,955	859,531	880,113	900,665
Construction	432,979	445,718	458,585	471,566	484,647	497,814	511,053	524,352	537,697	551,076	564,477	577,886	591,294	604,677
Manufacturing	1,844,809	1,902,373	1,960,601	2,019,425	2,078,782	2,138,605	2,198,831	2,259,398	2,320,243	2,381,305	2,442,522	2,503,834	2,565,182	2,626,462
Wholesale Trade	1,074,647	1,107,133	1,139,969	1,173,118	1,206,545	1,240,213	1,274,087	1,308,133	1,342,317	1,376,605	1,410,965	1,445,364	1,479,770	1,514,125
Retail Trade	1,276,236	1,314,315	1,352,791	1,391,621	1,430,762	1,470,174	1,509,814	1,549,643	1,589,622	1,629,713	1,669,878	1,710,079	1,750,281	1,790,416
Transporatation and Warehousing	10,458,753	10,779,981	11,104,797	11,432,830	11,763,720	12,097,107	12,432,640	12,769,973	13,108,763	13,448,672	13,789,369	14,130,524	14,471,813	14,812,661
Information	387,319	398,880	410,560	422,346	434,226	446,186	458,215	470,300	482,430	494,592	506,775	518,968	531,160	543,331
Finance and Insurance	405,641	418,080	430,657	443,359	456,171	469,080	482,072	495,134	508,252	521,414	534,606	547,816	561,032	574,230
Real Estate and Rental and Leasing	277,064	285,295	293,611	302,003	310,463	318,980	327,546	336,153	344,792	353,455	362,133	370,820	379,506	388,178
Professional, Scientific, and Technical Services	634,647	653,891	673,345	692,987	712,794	732,747	752,824	773,003	793,267	813,593	833,964	854,359	874,759	895,131
Management of Companies and Enterprises	505,106	520,742	536,555	552,527	568,642	584,882	601,229	617,666	634,177	650,745	667,353	683,986	700,628	717,250
Administrative and Support and Waste Management	397,053	408,949	420,970	433,104	445,336	457,655	470,047	482,499	495,000	507,537	520,098	532,672	545,248	557,803
Educational Services	16,677	17,193	17,715	18,242	18,774	19,311	19,850	20,393	20,938	21,485	22,034	22,583	23,132	23,681
Health Care and Social Assistance	964,373	993,502	1,022,945	1,052,668	1,082,640	1,112,827	1,143,199	1,173,724	1,204,373	1,235,114	1,265,920	1,296,760	1,327,606	1,358,407
Arts, Entertainment, and Recreation	30,008	30,886	31,773	32,667	33,569	34,476	35,388	36,304	37,223	38,144	39,067	39,990	40,913	41,834
Accommodation and Food Services	489,160	503,721	518,433	533,280	548,245	563,312	578,466	593,692	608,974	624,298	639,650	655,015	670,380	685,719
Other Services (except Public Administration)	355,188	365,822	376,567	387,412	398,345	409,354	420,427	431,555	442,724	453,926	465,148	476,381	487,615	498,831
Government	841,699	867,073	892,719	918,608	944,712	971,002	997,452	1,024,034	1,050,723	1,077,492	1,104,317	1,131,170	1,158,029	1,184,848

Appendix D:
Baseline Output by Industry

Clayton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	28,174	28,780	29,386	29,991	30,597	31,202	31,808	32,415	33,022	33,630	34,240	34,851	35,463	36,078
Mining	93,334	95,418	97,500	99,581	101,662	103,742	105,823	107,905	109,988	112,074	114,162	116,253	118,347	120,446
Utilities	921,194	941,704	962,200	982,688	1,003,172	1,023,658	1,044,150	1,064,654	1,085,175	1,105,718	1,126,288	1,146,891	1,167,531	1,188,214
Construction	618,040	631,387	644,724	658,054	671,382	684,712	698,050	711,400	724,766	738,152	751,564	765,006	778,482	791,998
Manufacturing	2,687,684	2,748,860	2,810,002	2,871,119	2,932,223	2,993,326	3,054,439	3,115,574	3,176,741	3,237,953	3,299,220	3,360,555	3,421,969	3,483,474
Wholesale Trade	1,548,440	1,582,722	1,616,981	1,651,225	1,685,464	1,719,707	1,753,963	1,788,241	1,822,549	1,856,898	1,891,296	1,925,753	1,960,277	1,994,877
Retail Trade	1,830,496	1,870,534	1,910,542	1,950,531	1,990,514	2,030,503	2,070,509	2,110,546	2,150,624	2,190,757	2,230,956	2,271,233	2,311,601	2,352,073
Transporatation and Warehousing	15,153,144	15,493,335	15,833,310	16,173,144	16,512,914	16,852,696	17,192,565	17,532,600	17,872,876	18,213,471	18,554,461	18,895,926	19,237,941	19,580,585
Information	555,484	567,623	579,752	591,874	603,994	616,115	628,240	640,374	652,521	664,683	676,866	689,072	701,305	713,570
Finance and Insurance	587,414	600,588	613,753	626,913	640,070	653,229	666,391	679,560	692,739	705,931	719,138	732,364	745,612	758,885
Real Estate and Rental and Leasing	396,838	405,489	414,133	422,774	431,413	440,054	448,700	457,352	466,014	474,688	483,377	492,084	500,811	509,562
Professional, Scientific, and Technical Services	915,479	935,808	956,125	976,433	996,738	1,017,045	1,037,360	1,057,687	1,078,032	1,098,400	1,118,796	1,139,225	1,159,693	1,180,205
Management of Companies and Enterprises	733,856	750,448	767,031	783,608	800,181	816,755	833,333	849,918	866,513	883,122	899,749	916,396	933,067	949,766
Administrative and Support and Waste Management	570,342	582,869	595,387	607,899	620,410	632,923	645,440	657,967	670,507	683,063	695,639	708,238	720,864	733,522
Educational Services	24,230	24,778	25,325	25,873	26,420	26,968	27,515	28,063	28,611	29,160	29,709	30,259	30,809	31,361
Health Care and Social Assistance	1,389,170	1,419,905	1,450,618	1,481,319	1,512,015	1,542,714	1,573,425	1,604,156	1,634,915	1,665,711	1,696,551	1,727,444	1,758,398	1,789,421
Arts, Entertainment, and Recreation	42,754	43,673	44,591	45,508	46,426	47,343	48,261	49,180	50,100	51,022	51,945	52,871	53,799	54,730
Accommodation and Food Services	701,037	716,339	731,628	746,911	762,191	777,473	792,763	808,064	823,382	838,721	854,085	869,481	884,912	900,383
Other Services (except Public Administration)	510,032	521,221	532,402	543,577	554,751	565,926	577,106	588,294	599,493	610,707	621,938	633,191	644,469	655,774
Government	1,211,634	1,238,395	1,265,139	1,291,871	1,318,600	1,345,334	1,372,078	1,398,842	1,425,631	1,452,454	1,479,318	1,506,230	1,533,197	1,560,228

Clayton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	36,694	37,313	37,934	38,558	39,184	39,814	40,447	41,084	41,725	42,369	43,017	43,670	44,328
Mining	122,550	124,658	126,773	128,893	131,021	133,155	135,298	137,449	139,609	141,778	143,957	146,146	148,346
Utilities	1,208,944	1,229,728	1,250,569	1,271,474	1,292,448	1,313,494	1,334,620	1,355,829	1,377,127	1,398,519	1,420,010	1,441,605	1,463,310
Construction	805,557	819,164	832,824	846,541	860,320	874,165	888,081	902,073	916,144	930,300	944,545	958,884	973,320
Manufacturing	3,545,080	3,606,801	3,668,647	3,730,629	3,792,760	3,855,051	3,917,513	3,980,158	4,042,997	4,106,041	4,169,301	4,232,790	4,296,517
Wholesale Trade	2,029,564	2,064,345	2,099,230	2,134,229	2,169,349	2,204,602	2,239,994	2,275,536	2,311,237	2,347,105	2,383,150	2,419,381	2,455,806
Retail Trade	2,392,658	2,433,372	2,474,224	2,515,228	2,556,395	2,597,738	2,639,269	2,681,000	2,722,943	2,765,109	2,807,512	2,850,163	2,893,074
Transporatation and Warehousing	19,923,935	20,268,068	20,613,062	20,958,995	21,305,943	21,653,984	22,003,194	22,353,651	22,705,431	23,058,610	23,413,264	23,769,469	24,127,299
Information	725,870	738,209	750,590	763,019	775,497	788,030	800,620	813,272	825,989	838,776	851,636	864,572	877,589
Finance and Insurance	772,185	785,517	798,882	812,284	825,726	839,211	852,742	866,322	879,954	893,641	907,385	921,191	935,060
Real Estate and Rental and Leasing	518,338	527,142	535,978	544,847	553,753	562,698	571,685	580,717	589,796	598,924	608,106	617,342	626,637
Professional, Scientific, and Technical Services	1,200,766	1,221,381	1,242,056	1,262,795	1,283,604	1,304,488	1,325,453	1,346,502	1,367,643	1,388,879	1,410,216	1,431,659	1,453,214
Management of Companies and Enterprises	966,496	983,261	1,000,063	1,016,907	1,033,795	1,050,732	1,067,720	1,084,762	1,101,863	1,119,026	1,136,254	1,153,549	1,170,917
Administrative and Support and Waste Management	746,213	758,943	771,714	784,531	797,396	810,314	823,288	836,322	849,419	862,583	875,818	889,127	902,513
Educational Services	31,914	32,467	33,022	33,579	34,137	34,696	35,257	35,820	36,385	36,951	37,520	38,091	38,665
Health Care and Social Assistance	1,820,522	1,851,709	1,882,989	1,914,372	1,945,866	1,977,478	2,009,217	2,041,091	2,073,109	2,105,278	2,137,607	2,170,103	2,202,775
Arts, Entertainment, and Recreation	55,664	56,601	57,542	58,488	59,438	60,392	61,352	62,317	63,288	64,265	65,249	66,239	67,236
Accommodation and Food Services	915,900	931,465	947,086	962,765	978,508	994,320	1,010,206	1,026,169	1,042,215	1,058,349	1,074,574	1,090,897	1,107,321
Other Services (except Public Administration)	667,110	678,481	689,889	701,338	712,832	724,373	735,966	747,612	759,316	771,080	782,909	794,805	806,771
Government	1,587,329	1,614,508	1,641,772	1,669,129	1,696,585	1,724,149	1,751,828	1,779,629	1,807,559	1,835,626	1,863,837	1,892,199	1,920,719

Appendix D:
Baseline Output by Industry

Cobb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	29,510	31,422	32,076	32,718	33,355	33,989	34,625	35,266	35,917	36,580	37,259	37,953	39,356	40,785
Mining	18,229	17,594	17,689	17,755	17,796	17,815	17,818	17,807	17,786	17,760	17,729	17,694	18,365	19,048
Utilities	324,466	314,148	322,229	330,242	338,228	346,226	354,278	362,422	370,702	379,163	387,829	396,693	411,508	426,606
Construction	2,881,236	2,748,044	2,803,847	2,859,564	2,915,484	2,971,867	3,028,948	3,086,945	3,146,070	3,206,528	3,268,425	3,331,701	3,452,581	3,575,657
Manufacturing	3,240,279	3,169,733	3,253,548	3,335,788	3,416,927	3,497,455	3,577,881	3,658,739	3,740,591	3,824,029	3,909,410	3,996,657	4,148,507	4,303,348
Wholesale Trade	6,425,550	6,437,212	6,801,556	7,175,884	7,560,229	7,954,707	8,359,533	8,775,042	9,201,710	9,640,171	10,090,728	10,552,931	10,944,905	11,344,316
Retail Trade	3,236,162	2,907,180	3,023,524	3,142,180	3,263,314	3,387,095	3,513,701	3,643,323	3,776,179	3,912,516	4,052,449	4,195,838	4,349,938	4,506,900
Transporatation and Warehousing	920,900	927,368	966,932	1,007,139	1,048,048	1,089,726	1,132,252	1,175,715	1,220,220	1,265,891	1,312,796	1,360,889	1,411,924	1,463,941
Information	3,574,758	3,173,719	3,378,568	3,589,886	3,807,609	4,031,710	4,262,206	4,499,167	4,742,728	4,993,093	5,250,322	5,514,152	5,716,904	5,923,413
Finance and Insurance	3,344,104	3,615,675	3,747,781	3,887,540	4,029,574	4,174,143	4,321,537	4,472,089	4,626,181	4,784,253	4,946,550	5,112,914	5,303,470	5,497,669
Real Estate and Rental and Leasing	3,294,475	3,104,524	3,217,148	3,325,992	3,436,874	3,549,991	3,665,542	3,783,736	3,904,792	4,028,952	4,156,331	4,286,801	4,443,524	4,603,140
Professional, Scientific, and Technical Services	3,268,286	3,397,275	3,618,263	3,845,901	4,080,121	4,320,911	4,568,328	4,822,505	5,083,666	5,352,132	5,628,047	5,911,132	6,130,831	6,354,706
Management of Companies and Enterprises	3,728,421	3,543,766	3,705,218	3,869,120	4,035,691	4,205,201	4,377,983	4,554,444	4,735,076	4,920,466	5,110,955	5,306,363	5,507,615	5,712,818
Administrative and Support and Waste Management	1,641,797	1,660,739	1,743,133	1,827,639	1,914,296	2,003,157	2,094,287	2,187,773	2,283,726	2,382,283	2,483,508	2,587,298	2,682,655	2,779,798
Educational Services	124,267	137,570	141,052	144,475	147,858	151,221	154,584	157,969	161,398	164,897	168,479	172,143	178,669	185,324
Health Care and Social Assistance	1,915,583	2,023,535	2,106,645	2,191,201	2,277,328	2,365,161	2,454,849	2,546,563	2,640,497	2,736,878	2,835,824	2,937,238	3,046,262	3,157,353
Arts, Entertainment, and Recreation	291,345	268,540	279,352	290,385	301,654	313,176	324,963	337,034	349,406	362,098	375,119	388,456	402,650	417,106
Accommodation and Food Services	1,429,547	1,362,887	1,406,298	1,450,267	1,494,906	1,540,321	1,586,616	1,633,895	1,682,265	1,731,839	1,782,674	1,834,718	1,901,814	1,970,148
Other Services (except Public Administration)	954,488	992,250	1,024,058	1,056,238	1,088,872	1,122,041	1,155,826	1,190,310	1,225,581	1,261,735	1,298,822	1,336,807	1,385,995	1,436,099
Government	1,503,019	1,555,900	1,588,509	1,620,638	1,652,486	1,684,245	1,716,101	1,748,239	1,780,848	1,814,119	1,848,162	1,882,947	1,952,586	2,023,533

Cobb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	42,239	43,715	45,213	46,730	48,265	49,816	51,381	52,958	54,546	56,142	57,745	59,354	60,966	62,578
Mining	19,744	20,452	21,170	21,898	22,634	23,379	24,131	24,889	25,653	26,421	27,193	27,968	28,744	29,521
Utilities	441,968	457,578	473,415	489,463	505,702	522,114	538,679	555,380	572,197	589,110	606,100	623,149	640,236	657,331
Construction	3,700,782	3,827,807	3,956,583	4,086,961	4,218,791	4,351,922	4,486,204	4,621,486	4,757,616	4,894,444	5,031,819	5,169,587	5,307,599	5,445,609
Manufacturing	4,461,000	4,621,278	4,783,995	4,948,963	5,115,990	5,284,882	5,455,445	5,627,480	5,800,789	5,975,170	6,150,422	6,326,339	6,502,718	6,679,237
Wholesale Trade	11,750,691	12,163,553	12,582,418	13,006,801	13,436,211	13,870,154	14,308,133	14,749,649	15,194,198	15,641,276	16,090,375	16,540,984	16,992,594	17,444,392
Retail Trade	4,666,537	4,828,659	4,993,077	5,159,601	5,328,037	5,498,194	5,669,876	5,842,891	6,017,042	6,192,133	6,367,969	6,544,353	6,721,087	6,897,856
Transporatation and Warehousing	1,516,880	1,570,679	1,625,274	1,680,603	1,736,602	1,793,207	1,850,351	1,907,971	1,966,000	2,024,372	2,083,020	2,141,877	2,200,877	2,259,912
Information	6,133,431	6,346,709	6,562,997	6,782,042	7,003,591	7,227,389	7,453,180	7,680,709	7,909,717	8,139,946	8,371,139	8,603,036	8,835,377	9,067,749
Finance and Insurance	5,695,283	5,896,080	6,099,824	6,306,280	6,515,208	6,726,369	6,939,519	7,154,416	7,370,814	7,588,465	7,807,122	8,026,535	8,246,454	8,466,484
Real Estate and Rental and Leasing	4,765,459	4,930,288	5,097,435	5,266,706	5,437,905	5,610,836	5,785,304	5,961,112	6,138,060	6,315,952	6,494,588	6,673,769	6,853,297	7,032,851
Professional, Scientific, and Technical Services	6,582,492	6,813,920	7,048,720	7,286,620	7,527,344	7,770,615	8,016,156	8,263,685	8,512,921	8,763,579	9,015,375	9,268,023	9,521,236	9,774,559
Management of Companies and Enterprises	5,921,730	6,134,109	6,349,705	6,568,270	6,789,549	7,013,286	7,239,223	7,467,097	7,696,645	7,927,602	8,159,699	8,392,668	8,626,237	8,859,983
Administrative and Support and Waste Management	2,878,612	2,978,980	3,080,785	3,183,909	3,288,233	3,393,637	3,500,002	3,607,205	3,715,127	3,823,645	3,932,638	4,041,981	4,151,554	4,261,158
Educational Services	192,099	198,987	205,979	213,068	220,245	227,502	234,831	242,223	249,670	257,162	264,692	272,250	279,828	287,412
Health Care and Social Assistance	3,270,378	3,385,204	3,501,698	3,619,724	3,739,145	3,859,825	3,981,626	4,104,408	4,228,032	4,352,357	4,477,243	4,602,547	4,728,128	4,853,761
Arts, Entertainment, and Recreation	431,806	446,734	461,871	477,200	492,704	508,364	524,163	540,084	556,107	572,216	588,392	604,617	620,874	637,133
Accommodation and Food Services	2,039,636	2,110,198	2,181,750	2,254,209	2,327,493	2,401,516	2,476,195	2,551,446	2,627,183	2,703,323	2,779,780	2,856,469	2,933,305	3,010,150
Other Services (except Public Administration)	1,487,059	1,538,815	1,591,306	1,644,472	1,698,251	1,752,582	1,807,402	1,862,649	1,918,261	1,974,175	2,030,329	2,086,659	2,143,103	2,199,559
Government	2,095,705	2,169,016	2,243,380	2,318,711	2,394,922	2,471,925	2,549,632	2,627,954	2,706,801	2,786,086	2,865,718	2,945,606	3,025,660	3,105,738

Appendix D:
Baseline Output by Industry

Cobb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	64,191	65,803	67,416	69,029	70,641	72,252	73,863	75,474	77,083	78,691	80,298	81,904	83,508	85,110
Mining	30,298	31,076	31,854	32,631	33,409	34,186	34,963	35,739	36,515	37,290	38,064	38,837	39,609	40,380
Utilities	674,432	691,536	708,641	725,745	742,847	759,943	777,032	794,112	811,181	828,237	845,277	862,300	879,304	896,287
Construction	5,583,609	5,721,593	5,859,552	5,997,481	6,135,373	6,273,222	6,411,021	6,548,765	6,686,449	6,824,067	6,961,613	7,099,083	7,236,471	7,373,773
Manufacturing	6,855,866	7,032,573	7,209,327	7,386,099	7,562,857	7,739,570	7,916,210	8,092,745	8,269,146	8,445,383	8,621,426	8,797,246	8,972,812	9,148,096
Wholesale Trade	17,896,324	18,348,338	18,800,381	19,252,401	19,704,347	20,156,168	20,607,815	21,059,238	21,510,387	21,961,215	22,411,673	22,861,713	23,311,288	23,760,348
Retail Trade	7,074,644	7,251,436	7,428,218	7,604,974	7,781,691	7,958,355	8,134,951	8,311,467	8,487,889	8,664,205	8,840,400	9,016,464	9,192,383	9,368,145
Transporatation and Warehousing	2,318,975	2,378,058	2,437,152	2,496,250	2,555,344	2,614,426	2,673,490	2,732,526	2,791,528	2,850,488	2,909,399	2,968,254	3,027,044	3,085,763
Information	9,300,130	9,532,502	9,764,844	9,997,139	10,229,369	10,461,516	10,693,563	10,925,494	11,157,292	11,388,942	11,620,428	11,851,735	12,082,848	12,313,751
Finance and Insurance	8,686,595	8,906,759	9,126,949	9,347,136	9,567,293	9,787,393	10,007,409	10,227,315	10,447,083	10,666,689	10,886,105	11,105,305	11,324,264	11,542,956
Real Estate and Rental and Leasing	7,212,417	7,391,982	7,571,532	7,751,054	7,930,536	8,109,966	8,289,331	8,468,619	8,647,819	8,826,920	9,005,910	9,184,779	9,363,514	9,542,106
Professional, Scientific, and Technical Services	10,027,961	10,281,411	10,534,880	10,788,338	11,041,756	11,295,104	11,548,355	11,801,480	12,054,450	12,307,239	12,559,818	12,812,160	13,064,237	13,316,023
Management of Companies and Enterprises	9,093,865	9,327,843	9,561,878	9,795,930	10,029,961	10,263,931	10,497,801	10,731,535	10,965,092	11,198,435	11,431,526	11,664,327	11,896,801	12,128,909
Administrative and Support and Waste Management	4,370,784	4,480,422	4,590,059	4,699,686	4,809,293	4,918,869	5,028,406	5,137,892	5,247,318	5,356,675	5,465,954	5,575,144	5,684,237	5,793,223
Educational Services	295,001	302,593	310,187	317,781	325,375	332,968	340,557	348,142	355,721	363,294	370,858	378,413	385,958	393,490
Health Care and Social Assistance	4,979,430	5,105,121	5,230,819	5,356,511	5,482,182	5,607,818	5,733,407	5,858,933	5,984,385	6,109,748	6,235,010	6,360,157	6,485,176	6,610,054
Arts, Entertainment, and Recreation	653,392	669,652	685,910	702,165	718,417	734,665	750,906	767,140	783,367	799,585	815,792	831,989	848,174	864,346
Accommodation and Food Services	3,087,000	3,163,848	3,240,688	3,317,515	3,394,325	3,471,111	3,547,869	3,624,593	3,701,279	3,777,922	3,854,518	3,931,061	4,007,547	4,083,972
Other Services (except Public Administration)	2,256,023	2,312,488	2,368,951	2,425,407	2,481,849	2,538,275	2,594,679	2,651,056	2,707,403	2,763,715	2,819,987	2,876,215	2,932,395	2,988,523
Government	3,185,829	3,265,925	3,346,018	3,426,100	3,506,161	3,586,195	3,666,192	3,746,145	3,826,046	3,905,888	3,985,662	4,065,361	4,144,977	4,224,502

Cobb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	86,711	88,310	89,907	91,501	93,093	94,683	96,270	97,854	99,436	101,014	102,589	104,161	105,729
Mining	41,150	41,918	42,684	43,450	44,213	44,974	45,734	46,491	47,246	47,999	48,750	49,498	50,243
Utilities	913,247	930,182	947,090	963,968	980,816	997,631	1,014,411	1,031,153	1,047,857	1,064,520	1,081,139	1,097,713	1,114,240
Construction	7,510,983	7,648,097	7,785,109	7,922,014	8,058,808	8,195,484	8,332,038	8,468,463	8,604,755	8,740,906	8,876,911	9,012,763	9,148,456
Manufacturing	9,323,067	9,497,696	9,671,954	9,845,811	10,019,237	10,192,202	10,364,677	10,536,633	10,708,038	10,878,863	11,049,078	11,218,652	11,387,555
Wholesale Trade	24,208,848	24,656,738	25,103,973	25,550,503	25,996,281	26,441,258	26,885,387	27,328,618	27,770,901	28,212,188	28,652,427	29,091,567	29,529,557
Retail Trade	9,543,736	9,719,145	9,894,359	10,069,365	10,244,151	10,418,703	10,593,009	10,767,056	10,940,830	11,114,317	11,287,504	11,460,375	11,632,918
Transporatation and Warehousing	3,144,404	3,202,958	3,261,420	3,319,780	3,378,033	3,436,171	3,494,185	3,552,069	3,609,816	3,667,417	3,724,865	3,782,152	3,839,270
Information	12,544,431	12,774,872	13,005,058	13,234,976	13,464,609	13,693,943	13,922,962	14,151,649	14,379,989	14,607,965	14,835,560	15,062,756	15,289,534
Finance and Insurance	11,761,354	11,979,433	12,197,168	12,414,532	12,631,498	12,848,043	13,064,138	13,279,757	13,494,875	13,709,464	13,923,497	14,136,948	14,349,787
Real Estate and Rental and Leasing	9,720,543	9,898,815	10,076,910	10,254,817	10,432,526	10,610,025	10,787,302	10,964,347	11,141,147	11,317,691	11,493,965	11,669,958	11,845,656
Professional, Scientific, and Technical Services	13,567,489	13,818,609	14,069,355	14,319,700	14,569,616	14,819,077	15,068,053	15,316,518	15,564,443	15,811,799	16,058,558	16,304,690	16,550,166
Management of Companies and Enterprises	12,360,613	12,591,877	12,822,662	13,052,931	13,282,645	13,511,768	13,740,261	13,968,085	14,195,203	14,421,576	14,647,165	14,871,932	15,095,838
Administrative and Support and Waste Management	5,902,093	6,010,837	6,119,447	6,227,913	6,336,225	6,444,374	6,552,350	6,660,144	6,767,746	6,875,146	6,982,335	7,089,301	7,196,034
Educational Services	401,009	408,514	416,004	423,476	430,931	438,366	445,781	453,173	460,543	467,888	475,207	482,500	489,764
Health Care and Social Assistance	6,734,778	6,859,335	6,983,712	7,107,896	7,231,873	7,355,631	7,479,157	7,602,436	7,725,455	7,848,201	7,970,659	8,092,817	8,214,659
Arts, Entertainment, and Recreation	880,505	896,648	912,776	928,887	944,981	961,056	977,111	993,145	1,009,158	1,025,148	1,041,113	1,057,054	1,072,969
Accommodation and Food Services	4,160,331	4,236,619	4,312,832	4,388,966	4,465,015	4,540,974	4,616,840	4,692,607	4,768,271	4,843,825	4,919,266	4,994,587	5,069,784
Other Services (except Public Administration)	3,044,594	3,100,604	3,156,549	3,212,425	3,268,226	3,323,950	3,379,591	3,435,145	3,490,607	3,545,974	3,601,239	3,656,399	3,711,448
Government	4,303,930	4,383,252	4,462,461	4,541,549	4,620,508	4,699,331	4,778,010	4,856,537	4,934,904	5,013,103	5,091,126	5,168,965	5,246,611

Appendix D:
Baseline Output by Industry

DeKalb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	50,948	64,121	64,788	65,535	66,357	67,249	68,203	69,213	70,268	71,359	72,479	73,626	76,029	78,468
Mining	29,308	34,099	33,797	33,512	33,244	32,988	32,743	32,505	32,271	32,035	31,798	31,558	32,593	33,645
Utilities	4,932,398	5,029,033	5,087,592	5,152,940	5,224,679	5,302,318	5,385,274	5,472,883	5,564,400	5,659,001	5,756,096	5,855,567	6,046,521	6,240,426
Construction	1,748,074	1,591,348	1,602,705	1,616,719	1,633,176	1,651,833	1,672,416	1,694,624	1,718,128	1,742,570	1,767,703	1,793,493	1,850,068	1,907,468
Manufacturing	7,545,366	7,537,042	7,730,217	7,933,214	8,145,823	8,367,718	8,598,461	8,837,512	9,084,229	9,337,874	9,597,833	9,863,822	10,198,563	10,538,847
Wholesale Trade	4,672,161	4,435,612	4,626,176	4,827,526	5,039,318	5,261,085	5,492,234	5,732,026	5,979,574	6,233,824	6,493,933	6,759,604	6,978,633	7,201,024
Retail Trade	2,541,758	2,557,509	2,625,529	2,698,794	2,777,059	2,860,013	2,947,278	3,038,408	3,132,880	3,230,096	3,329,602	3,431,281	3,541,040	3,652,442
Transporatation and Warehousing	1,670,639	1,705,498	1,754,291	1,806,325	1,861,470	1,919,556	1,980,377	2,043,688	2,109,200	2,176,582	2,245,581	2,316,114	2,391,509	2,468,061
Information	5,400,509	4,840,274	5,045,432	5,262,265	5,490,420	5,729,404	5,978,567	6,237,086	6,503,952	6,777,953	7,058,120	7,344,127	7,580,263	7,819,948
Finance and Insurance	3,728,152	3,624,348	3,662,120	3,747,214	3,838,427	3,935,348	4,037,496	4,144,316	4,255,179	4,369,374	4,486,370	4,606,030	4,755,342	4,906,953
Real Estate and Rental and Leasing	2,278,838	2,442,388	2,533,017	2,587,603	2,646,728	2,710,057	2,777,197	2,847,693	2,921,031	2,996,630	3,074,063	3,153,238	3,253,556	3,355,365
Professional, Scientific, and Technical Services	2,211,132	2,044,336	2,149,732	2,260,531	2,376,597	2,497,732	2,623,674	2,754,085	2,888,546	3,026,553	3,167,691	3,311,798	3,419,299	3,528,455
Management of Companies and Enterprises	1,694,419	1,782,149	1,839,293	1,899,699	1,963,261	2,029,837	2,099,251	2,171,289	2,245,701	2,322,198	2,400,550	2,480,667	2,562,980	2,646,608
Administrative and Support and Waste Management	1,160,917	1,212,118	1,255,734	1,302,134	1,351,209	1,402,820	1,456,793	1,512,916	1,570,940	1,630,570	1,691,577	1,753,890	1,810,277	1,867,518
Educational Services	1,099,592	1,157,003	1,170,975	1,186,306	1,202,920	1,220,724	1,239,612	1,259,459	1,280,131	1,301,475	1,323,384	1,345,831	1,390,469	1,435,822
Health Care and Social Assistance	2,680,086	2,796,303	2,868,015	2,944,927	3,026,808	3,113,364	3,204,239	3,299,012	3,397,193	3,498,222	3,601,672	3,707,424	3,827,751	3,949,930
Arts, Entertainment, and Recreation	199,647	200,913	206,821	213,172	219,945	227,117	234,654	242,519	250,667	259,044	267,611	276,358	285,093	293,957
Accommodation and Food Services	913,074	914,291	931,261	949,923	970,181	991,917	1,014,992	1,039,244	1,064,488	1,090,516	1,117,176	1,144,435	1,180,864	1,217,832
Other Services (except Public Administration)	947,530	960,646	983,619	1,008,428	1,034,984	1,063,174	1,092,864	1,123,896	1,156,090	1,189,239	1,223,188	1,257,897	1,298,411	1,339,539
Government	2,587,292	2,676,537	2,696,496	2,720,288	2,747,622	2,778,160	2,811,525	2,847,298	2,885,023	2,924,204	2,964,499	3,005,856	3,102,829	3,201,285

DeKalb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	80,942	83,446	85,979	88,537	91,117	93,717	96,334	98,965	101,607	104,258	106,916	109,577	112,239	114,898
Mining	34,711	35,790	36,882	37,985	39,097	40,218	41,346	42,480	43,619	44,762	45,908	47,055	48,202	49,348
Utilities	6,437,042	6,636,133	6,837,467	7,040,816	7,245,954	7,452,658	7,660,710	7,869,895	8,079,998	8,290,809	8,502,122	8,713,730	8,925,431	9,136,869
Construction	1,965,621	2,024,458	2,083,909	2,143,907	2,204,387	2,265,285	2,326,537	2,388,082	2,449,858	2,511,806	2,573,869	2,635,988	2,698,106	2,760,121
Manufacturing	10,884,260	11,234,389	11,588,824	11,947,162	12,308,998	12,673,933	13,041,571	13,411,517	13,783,380	14,156,772	14,531,307	14,906,600	15,282,271	15,657,674
Wholesale Trade	7,426,503	7,654,798	7,885,642	8,118,776	8,353,939	8,590,879	8,829,345	9,069,091	9,309,873	9,551,454	9,793,595	10,036,063	10,278,627	10,520,880
Retail Trade	3,765,347	3,879,620	3,995,128	4,111,739	4,229,326	4,347,762	4,466,923	4,586,689	4,706,938	4,827,553	4,948,418	5,069,419	5,190,443	5,311,287
Transporatation and Warehousing	2,545,677	2,624,262	2,703,723	2,783,971	2,864,915	2,946,468	3,028,543	3,111,053	3,193,915	3,277,044	3,360,359	3,443,778	3,527,220	3,610,545
Information	8,062,885	8,308,780	8,557,345	8,808,299	9,061,362	9,316,263	9,572,733	9,830,510	10,089,333	10,348,947	10,609,102	10,869,549	11,130,044	11,390,152
Finance and Insurance	5,060,674	5,216,322	5,373,715	5,532,674	5,693,024	5,854,590	6,017,204	6,180,695	6,344,899	6,509,651	6,674,791	6,840,158	7,005,595	7,170,824
Real Estate and Rental and Leasing	3,458,536	3,562,947	3,668,474	3,775,000	3,882,406	3,990,577	4,099,402	4,208,769	4,318,570	4,428,696	4,539,044	4,649,510	4,759,990	4,870,302
Professional, Scientific, and Technical Services	3,639,133	3,751,199	3,864,522	3,978,975	4,094,430	4,210,763	4,327,849	4,445,570	4,563,804	4,682,433	4,801,343	4,920,416	5,039,540	5,158,514
Management of Companies and Enterprises	2,731,447	2,817,397	2,904,356	2,992,226	3,080,908	3,170,306	3,260,324	3,350,867	3,441,841	3,533,153	3,624,711	3,716,425	3,808,204	3,899,891
Administrative and Support and Waste Management	1,925,543	1,984,282	2,043,666	2,103,628	2,164,102	2,225,023	2,286,327	2,347,951	2,409,834	2,471,913	2,534,130	2,596,424	2,658,737	2,720,964
Educational Services	1,481,833	1,528,449	1,575,614	1,623,276	1,671,379	1,719,873	1,768,706	1,817,825	1,867,179	1,916,720	1,966,395	2,016,157	2,065,956	2,115,706
Health Care and Social Assistance	4,073,809	4,199,242	4,326,080	4,454,180	4,583,401	4,713,602	4,844,647	4,976,399	5,108,725	5,241,494	5,374,574	5,507,838	5,641,157	5,774,309
Arts, Entertainment, and Recreation	302,937	312,023	321,205	330,471	339,813	349,219	358,681	368,188	377,732	387,302	396,890	406,488	416,085	425,667
Accommodation and Food Services	1,255,295	1,293,208	1,331,525	1,370,204	1,409,202	1,448,477	1,487,990	1,527,698	1,567,563	1,607,547	1,647,610	1,687,715	1,727,825	1,767,874
Other Services (except Public Administration)	1,381,230	1,423,432	1,466,098	1,509,178	1,552,625	1,596,392	1,640,434	1,684,704	1,729,159	1,773,755	1,818,448	1,863,196	1,907,956	1,952,653
Government	3,301,103	3,402,164	3,504,350	3,607,546	3,711,639	3,816,516	3,922,070	4,028,191	4,134,773	4,241,711	4,348,902	4,456,243	4,563,634	4,670,896

Appendix D:
Baseline Output by Industry

DeKalb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	117,554	120,208	122,860	125,511	128,161	130,811	133,462	136,113	138,767	141,422	144,080	146,742	149,408	152,078
Mining	50,493	51,637	52,780	53,922	55,064	56,206	57,348	58,490	59,633	60,777	61,922	63,068	64,216	65,366
Utilities	9,348,085	9,559,124	9,770,029	9,980,845	10,191,614	10,402,383	10,613,194	10,824,094	11,035,126	11,246,337	11,457,770	11,669,471	11,881,486	12,093,859
Construction	2,822,051	2,883,914	2,945,729	3,007,513	3,069,286	3,131,064	3,192,868	3,254,715	3,316,624	3,378,614	3,440,702	3,502,908	3,565,251	3,627,747
Manufacturing	16,032,845	16,407,822	16,782,642	17,157,346	17,531,971	17,906,558	18,281,147	18,655,777	19,030,490	19,405,326	19,780,327	20,155,534	20,530,988	20,906,730
Wholesale Trade	10,762,874	11,004,662	11,246,296	11,487,832	11,729,321	11,970,819	12,212,378	12,454,054	12,695,900	12,937,971	13,180,322	13,423,007	13,666,081	13,909,598
Retail Trade	5,431,984	5,552,562	5,673,055	5,793,492	5,913,904	6,034,324	6,154,782	6,275,311	6,395,940	6,516,704	6,637,631	6,758,756	6,880,109	7,001,722
Transporatation and Warehousing	3,693,769	3,776,909	3,859,982	3,943,005	4,025,995	4,108,969	4,191,946	4,274,941	4,357,973	4,441,059	4,524,217	4,607,464	4,690,818	4,774,295
Information	11,649,936	11,909,461	12,168,789	12,427,987	12,687,119	12,946,250	13,205,448	13,464,776	13,724,303	13,984,094	14,244,216	14,504,736	14,765,721	15,027,237
Finance and Insurance	7,335,879	7,500,796	7,665,612	7,830,362	7,995,082	8,159,808	8,324,577	8,489,426	8,654,390	8,819,506	8,984,812	9,150,344	9,316,138	9,482,232
Real Estate and Rental and Leasing	4,980,474	5,090,536	5,200,518	5,310,450	5,420,361	5,530,282	5,640,242	5,750,272	5,860,401	5,970,660	6,081,080	6,191,689	6,302,520	6,413,601
Professional, Scientific, and Technical Services	5,277,363	5,396,113	5,514,788	5,633,416	5,752,021	5,870,629	5,989,267	6,107,960	6,226,734	6,345,616	6,464,631	6,583,807	6,703,169	6,822,743
Management of Companies and Enterprises	3,991,501	4,083,048	4,174,547	4,266,013	4,357,460	4,448,903	4,540,357	4,631,837	4,723,358	4,814,935	4,906,584	4,998,320	5,090,158	5,182,112
Administrative and Support and Waste Management	2,783,121	2,845,222	2,907,282	2,969,315	3,031,338	3,093,365	3,155,411	3,217,491	3,279,620	3,341,815	3,404,088	3,466,457	3,528,936	3,591,540
Educational Services	2,165,417	2,215,095	2,264,748	2,314,385	2,364,012	2,413,639	2,463,272	2,512,921	2,562,592	2,612,294	2,662,035	2,711,824	2,761,668	2,811,575
Health Care and Social Assistance	5,907,320	6,040,220	6,173,037	6,305,801	6,438,539	6,571,281	6,704,057	6,836,894	6,969,823	7,102,874	7,236,074	7,369,454	7,503,044	7,636,872
Arts, Entertainment, and Recreation	435,236	444,795	454,346	463,892	473,437	482,983	492,532	502,088	511,653	521,231	530,823	540,433	550,064	559,718
Accommodation and Food Services	1,807,872	1,847,829	1,887,757	1,927,666	1,967,567	2,007,472	2,047,390	2,087,334	2,127,313	2,167,340	2,207,424	2,247,577	2,287,810	2,328,134
Other Services (except Public Administration)	1,997,299	2,041,903	2,086,476	2,131,030	2,175,574	2,220,120	2,264,678	2,309,259	2,353,875	2,398,536	2,443,252	2,488,036	2,532,898	2,577,848
Government	4,778,052	4,885,128	4,992,150	5,099,143	5,206,132	5,313,142	5,420,200	5,527,331	5,634,560	5,741,914	5,849,417	5,957,096	6,064,977	6,173,085

DeKalb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	154,753	157,434	160,121	162,815	165,516	168,225	170,943	173,669	176,406	179,152	181,910	184,678	187,459
Mining	66,517	67,671	68,828	69,987	71,150	72,315	73,484	74,657	75,834	77,015	78,201	79,391	80,587
Utilities	12,306,635	12,519,861	12,733,580	12,947,839	13,162,682	13,378,153	13,594,298	13,811,162	14,028,788	14,247,221	14,466,505	14,686,683	14,907,800
Construction	3,690,417	3,753,280	3,816,352	3,879,653	3,943,202	4,007,017	4,071,116	4,135,519	4,200,242	4,265,306	4,330,727	4,396,525	4,462,717
Manufacturing	21,282,803	21,659,247	22,036,104	22,413,416	22,791,222	23,169,565	23,548,484	23,928,020	24,308,214	24,689,103	25,070,728	25,453,127	25,836,339
Wholesale Trade	14,153,614	14,398,182	14,643,358	14,889,197	15,135,751	15,383,077	15,631,228	15,880,259	16,130,222	16,381,173	16,633,165	16,886,250	17,140,482
Retail Trade	7,123,626	7,245,854	7,368,437	7,491,406	7,614,795	7,738,633	7,862,952	7,987,785	8,113,161	8,239,114	8,365,672	8,492,869	8,620,734
Transporatation and Warehousing	4,857,915	4,941,694	5,025,649	5,109,799	5,194,161	5,278,752	5,363,589	5,448,690	5,534,072	5,619,751	5,705,746	5,792,073	5,878,749
Information	15,289,352	15,552,132	15,815,645	16,079,957	16,345,135	16,611,245	16,878,355	17,146,529	17,415,834	17,686,336	17,958,099	18,231,189	18,505,670
Finance and Insurance	9,648,662	9,815,465	9,982,679	10,150,339	10,318,482	10,487,146	10,656,366	10,826,179	10,996,622	11,167,730	11,339,540	11,512,088	11,685,409
Real Estate and Rental and Leasing	6,524,964	6,636,638	6,748,654	6,861,042	6,973,833	7,087,055	7,200,741	7,314,919	7,429,619	7,544,873	7,660,708	7,777,156	7,894,246
Professional, Scientific, and Technical Services	6,942,556	7,062,635	7,183,005	7,303,692	7,424,723	7,546,125	7,667,922	7,790,142	7,912,809	8,035,951	8,159,591	8,283,758	8,408,474
Management of Companies and Enterprises	5,274,200	5,366,435	5,458,832	5,551,408	5,644,178	5,737,155	5,830,356	5,923,796	6,017,489	6,111,450	6,205,694	6,300,236	6,395,090
Administrative and Support and Waste Management	3,654,285	3,717,186	3,780,258	3,843,516	3,906,976	3,970,652	4,034,560	4,098,714	4,163,131	4,227,824	4,292,810	4,358,102	4,423,715
Educational Services	2,861,554	2,911,613	2,961,759	3,012,002	3,062,348	3,112,807	3,163,385	3,214,092	3,264,934	3,315,921	3,367,059	3,418,357	3,469,822
Health Care and Social Assistance	7,770,969	7,905,363	8,040,084	8,175,161	8,310,625	8,446,503	8,582,826	8,719,622	8,856,921	8,994,751	9,133,142	9,272,121	9,411,718
Arts, Entertainment, and Recreation	569,398	579,107	588,849	598,624	608,438	618,291	628,188	638,131	648,122	658,165	668,262	678,416	688,630
Accommodation and Food Services	2,368,560	2,409,099	2,449,761	2,490,559	2,531,503	2,572,603	2,613,871	2,655,318	2,696,955	2,738,792	2,780,841	2,823,112	2,865,615
Other Services (except Public Administration)	2,622,898	2,668,059	2,713,341	2,758,756	2,804,315	2,850,028	2,895,906	2,941,961	2,988,202	3,034,641	3,081,288	3,128,155	3,175,251
Government	6,281,447	6,390,088	6,499,034	6,608,310	6,717,943	6,827,958	6,938,381	7,049,238	7,160,554	7,272,354	7,384,665	7,497,511	7,610,917

Appendix D:
Baseline Output by Industry

Fayette County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	39,113	25,769	27,137	28,421	29,625	30,762	31,844	32,889	33,919	34,958	36,022	37,110	38,914	40,768
Mining	19,539	673	697	717	734	748	760	769	777	785	792	798	838	878
Utilities	166,329	93,234	98,766	104,047	109,090	113,927	118,605	123,187	127,750	132,384	137,153	142,053	149,000	156,147
Construction	371,260	346,204	364,342	381,460	397,633	412,991	427,712	442,016	456,172	470,485	485,162	500,193	524,113	548,698
Manufacturing	916,232	916,058	967,905	1,016,979	1,063,450	1,107,649	1,150,063	1,191,322	1,232,192	1,273,571	1,316,068	1,359,658	1,426,324	1,494,916
Wholesale Trade	352,340	393,820	429,195	464,853	500,723	536,818	573,234	610,169	647,918	686,889	727,380	769,371	806,834	845,370
Retail Trade	310,668	340,051	364,781	389,173	413,232	437,021	460,667	484,362	508,366	533,004	558,507	584,862	613,095	642,124
Transporatation and Warehousing	83,679	222,396	239,283	255,971	272,455	288,772	305,005	321,284	337,786	354,739	372,305	390,476	409,601	429,278
Information	67,120	57,111	62,230	67,391	72,585	77,813	83,090	88,443	93,915	99,563	105,429	111,510	116,904	122,451
Finance and Insurance	226,112	238,170	255,319	272,171	288,729	305,040	321,198	337,345	353,672	370,418	387,752	405,665	425,501	445,909
Real Estate and Rental and Leasing	201,043	210,827	224,714	238,256	251,471	264,411	277,164	289,853	302,640	315,720	329,231	343,164	359,668	376,635
Professional, Scientific, and Technical Services	137,318	143,852	156,337	168,867	181,423	194,012	206,676	219,490	232,563	246,045	260,044	274,552	287,945	301,722
Management of Companies and Enterprises	20,399	18,379	19,821	21,248	22,659	24,058	25,450	26,847	28,265	29,722	31,233	32,796	34,419	36,090
Administrative and Support and Waste Management	135,262	139,919	150,175	160,301	170,298	180,191	190,033	199,901	209,902	220,171	230,803	241,791	253,465	265,467
Educational Services	4,170	5,538	5,857	6,159	6,444	6,716	6,976	7,228	7,478	7,732	7,992	8,259	8,667	9,088
Health Care and Social Assistance	214,000	238,026	255,123	271,929	288,447	304,726	320,861	336,990	353,301	370,029	387,340	405,224	424,938	445,215
Arts, Entertainment, and Recreation	34,599	33,577	36,077	38,552	41,003	43,434	45,858	48,292	50,763	53,300	55,927	58,641	61,448	64,333
Accommodation and Food Services	113,210	120,394	128,068	135,510	142,733	149,771	156,677	163,523	170,402	177,427	184,676	192,143	201,396	210,909
Other Services (except Public Administration)	107,323	115,481	123,740	131,867	139,864	147,756	155,586	163,420	171,349	179,483	187,900	196,597	206,108	215,889
Government	201,562	222,791	234,626	245,746	256,199	266,071	275,483	284,585	293,561	302,619	311,901	321,401	337,026	353,096

Fayette County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	42,673	44,624	46,621	48,662	50,743	52,863	55,019	57,207	59,426	61,671	63,941	66,230	68,538	70,857
Mining	919	962	1,005	1,050	1,095	1,141	1,188	1,236	1,285	1,334	1,383	1,433	1,483	1,534
Utilities	163,486	171,011	178,714	186,585	194,617	202,799	211,120	219,571	228,140	236,816	245,585	254,436	263,354	272,323
Construction	573,923	599,762	626,187	653,169	680,676	708,675	737,131	766,008	795,266	824,867	854,769	884,930	915,306	945,836
Manufacturing	1,565,370	1,637,615	1,711,575	1,787,168	1,864,306	1,942,898	2,022,845	2,104,044	2,186,387	2,269,760	2,354,046	2,439,123	2,524,863	2,611,094
Wholesale Trade	884,941	925,509	967,028	1,009,455	1,052,739	1,096,828	1,141,668	1,187,201	1,233,366	1,280,100	1,327,337	1,375,010	1,423,047	1,471,350
Retail Trade	671,921	702,455	733,695	765,605	798,147	831,284	864,973	899,171	933,833	968,911	1,004,357	1,040,119	1,076,146	1,112,363
Transporatation and Warehousing	449,487	470,210	491,423	513,103	535,226	557,764	580,690	603,973	627,583	651,488	675,653	700,043	724,623	749,342
Information	128,145	133,980	139,950	146,048	152,267	158,600	165,039	171,575	178,200	184,904	191,679	198,514	205,399	212,321
Finance and Insurance	466,869	488,361	510,361	532,846	555,789	579,164	602,939	627,086	651,572	676,363	701,425	726,720	752,213	777,849
Real Estate and Rental and Leasing	394,048	411,890	430,142	448,783	467,791	487,143	506,816	526,784	547,021	567,498	588,188	609,061	630,086	651,221
Professional, Scientific, and Technical Services	315,871	330,377	345,224	360,397	375,879	391,649	407,689	423,978	440,494	457,216	474,118	491,177	508,367	525,654
Management of Companies and Enterprises	37,806	39,567	41,371	43,215	45,097	47,016	48,968	50,952	52,964	55,002	57,063	59,144	61,242	63,352
Administrative and Support and Waste Management	277,788	290,413	303,330	316,525	329,981	343,683	357,613	371,755	386,088	400,593	415,251	430,040	444,938	459,915
Educational Services	9,520	9,963	10,417	10,882	11,356	11,839	12,330	12,830	13,337	13,850	14,369	14,893	15,421	15,952
Health Care and Social Assistance	466,036	487,380	509,224	531,544	554,315	577,509	601,096	625,047	649,330	673,911	698,756	723,830	749,094	774,498
Arts, Entertainment, and Recreation	67,294	70,327	73,428	76,595	79,824	83,111	86,451	89,841	93,276	96,752	100,262	103,804	107,370	110,955
Accommodation and Food Services	220,672	230,676	240,910	251,363	262,022	272,874	283,907	295,105	306,454	317,939	329,543	341,250	353,042	364,897
Other Services (except Public Administration)	225,930	236,220	246,748	257,503	268,472	279,642	290,999	302,528	314,215	326,042	337,995	350,054	362,203	374,417
Government	369,596	386,510	403,820	421,507	439,550	457,927	476,616	495,593	514,832	534,307	553,991	573,855	593,870	613,996

Appendix D:
Baseline Output by Industry

Fayette County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	73,188	75,528	77,874	80,227	82,583	84,940	87,298	89,654	92,005	94,351	96,689	99,018	101,335	103,638
Mining	1,585	1,636	1,687	1,739	1,790	1,842	1,893	1,945	1,996	2,048	2,099	2,149	2,200	2,250
Utilities	281,335	290,384	299,462	308,561	317,676	326,798	335,921	345,036	354,136	363,213	372,260	381,269	390,232	399,142
Construction	976,497	1,007,268	1,038,127	1,069,051	1,100,017	1,131,002	1,161,984	1,192,938	1,223,840	1,254,667	1,285,394	1,315,998	1,346,455	1,376,739
Manufacturing	2,697,747	2,784,756	2,872,054	2,959,569	3,047,233	3,134,973	3,222,717	3,310,392	3,397,924	3,485,239	3,572,261	3,658,917	3,745,129	3,830,822
Wholesale Trade	1,519,885	1,568,613	1,617,498	1,666,500	1,715,582	1,764,704	1,813,827	1,862,910	1,911,914	1,960,797	2,009,518	2,058,036	2,106,310	2,154,298
Retail Trade	1,148,745	1,185,264	1,221,895	1,258,607	1,295,375	1,332,169	1,368,961	1,405,721	1,442,420	1,479,030	1,515,520	1,551,860	1,588,021	1,623,972
Transporatation and Warehousing	774,181	799,120	824,142	849,225	874,349	899,494	924,640	949,765	974,848	999,868	1,024,804	1,049,634	1,074,336	1,098,890
Information	219,275	226,255	233,255	240,272	247,298	254,330	261,361	268,386	275,399	282,394	289,367	296,311	303,220	310,089
Finance and Insurance	803,611	829,478	855,430	881,447	907,507	933,589	959,673	985,737	1,011,758	1,037,715	1,063,585	1,089,347	1,114,978	1,140,456
Real Estate and Rental and Leasing	672,450	693,758	715,130	736,549	757,998	779,463	800,926	822,370	843,779	865,136	886,423	907,624	928,721	949,697
Professional, Scientific, and Technical Services	543,024	560,465	577,962	595,501	613,070	630,654	648,238	665,808	683,350	700,848	718,289	735,656	752,936	770,113
Management of Companies and Enterprises	65,473	67,603	69,741	71,884	74,031	76,180	78,330	80,478	82,622	84,762	86,894	89,016	91,128	93,227
Administrative and Support and Waste Management	474,960	490,062	505,211	520,393	535,599	550,815	566,030	581,233	596,410	611,551	626,641	641,670	656,625	671,493
Educational Services	16,487	17,023	17,562	18,101	18,642	19,184	19,725	20,266	20,806	21,345	21,882	22,417	22,949	23,477
Health Care and Social Assistance	800,023	825,649	851,357	877,127	902,938	928,770	954,602	980,413	1,006,182	1,031,888	1,057,509	1,083,023	1,108,409	1,133,646
Arts, Entertainment, and Recreation	114,555	118,168	121,791	125,423	129,059	132,697	136,335	139,970	143,599	147,218	150,827	154,420	157,996	161,552
Accommodation and Food Services	376,804	388,756	400,744	412,758	424,790	436,830	448,869	460,898	472,907	484,886	496,827	508,719	520,552	532,318
Other Services (except Public Administration)	386,688	399,005	411,359	423,742	436,144	448,555	460,965	473,364	485,743	498,092	510,400	522,657	534,853	546,979
Government	634,217	654,518	674,884	695,299	715,747	736,212	756,677	777,127	797,543	817,910	838,210	858,427	878,543	898,542

Fayette County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	105,925	108,195	110,446	112,675	114,880	117,061	119,213	121,337	123,430	125,490	127,514	129,503	131,452
Mining	2,300	2,350	2,399	2,448	2,496	2,543	2,590	2,637	2,682	2,727	2,771	2,814	2,857
Utilities	407,990	416,769	425,471	434,089	442,614	451,039	459,355	467,557	475,636	483,584	491,395	499,060	506,574
Construction	1,406,827	1,436,695	1,466,317	1,495,671	1,524,731	1,553,475	1,581,877	1,609,914	1,637,563	1,664,800	1,691,602	1,717,947	1,743,811
Manufacturing	3,915,920	4,000,348	4,084,029	4,166,888	4,248,849	4,329,838	4,409,779	4,488,599	4,566,225	4,642,585	4,717,606	4,791,219	4,863,353
Wholesale Trade	2,201,959	2,249,250	2,296,132	2,342,561	2,388,498	2,433,900	2,478,727	2,522,939	2,566,495	2,609,356	2,651,482	2,692,836	2,733,378
Retail Trade	1,659,685	1,695,127	1,730,271	1,765,085	1,799,541	1,833,607	1,867,256	1,900,457	1,933,182	1,965,402	1,997,089	2,028,214	2,058,750
Transporatation and Warehousing	1,123,272	1,147,462	1,171,438	1,195,178	1,218,661	1,241,865	1,264,769	1,287,352	1,309,594	1,331,472	1,352,968	1,374,060	1,394,729
Information	316,912	323,683	330,397	337,048	343,630	350,137	356,564	362,906	369,156	375,310	381,362	387,305	393,137
Finance and Insurance	1,165,758	1,190,862	1,215,745	1,240,385	1,264,759	1,288,847	1,312,625	1,336,071	1,359,165	1,381,884	1,404,208	1,426,116	1,447,587
Real Estate and Rental and Leasing	970,534	991,216	1,011,726	1,032,045	1,052,157	1,072,045	1,091,692	1,111,081	1,130,195	1,149,018	1,167,533	1,185,725	1,203,576
Professional, Scientific, and Technical Services	787,172	804,099	820,878	837,494	853,932	870,179	886,218	902,035	917,616	932,947	948,014	962,801	977,297
Management of Companies and Enterprises	95,311	97,377	99,426	101,453	103,458	105,438	107,392	109,318	111,214	113,077	114,907	116,701	118,458
Administrative and Support and Waste Management	686,262	700,920	715,454	729,852	744,101	758,189	772,104	785,834	799,367	812,690	825,793	838,664	851,290
Educational Services	24,002	24,523	25,039	25,550	26,055	26,553	27,046	27,531	28,008	28,477	28,938	29,390	29,833
Health Care and Social Assistance	1,158,710	1,183,581	1,208,237	1,232,656	1,256,816	1,280,696	1,304,275	1,327,531	1,350,444	1,372,992	1,395,155	1,416,912	1,438,245
Arts, Entertainment, and Recreation	165,085	168,592	172,070	175,516	178,928	182,303	185,637	188,928	192,174	195,371	198,516	201,608	204,644
Accommodation and Food Services	544,005	555,605	567,108	578,504	589,783	600,936	611,954	622,826	633,544	644,097	654,478	664,676	674,683
Other Services (except Public Administration)	559,023	570,976	582,827	594,567	606,185	617,670	629,014	640,206	651,236	662,095	672,772	683,259	693,546
Government	918,405	938,117	957,659	977,015	996,168	1,015,100	1,033,795	1,052,237	1,070,408	1,088,292	1,105,873	1,123,135	1,140,062

Appendix D:
Baseline Output by Industry

Fulton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	124,834	78,409	79,494	80,666	81,921	83,256	84,665	86,139	87,671	89,250	90,869	92,526	95,594	98,710
Mining	51,616	50,334	50,120	49,908	49,697	49,490	49,284	49,079	48,873	48,665	48,453	48,236	49,879	51,548
Utilities	114,619	1,186,626	1,205,157	1,224,924	1,245,896	1,268,020	1,291,222	1,315,410	1,340,474	1,366,289	1,392,760	1,419,857	1,467,515	1,515,942
Construction	3,235,942	3,162,564	3,193,558	3,228,668	3,267,656	3,310,215	3,355,978	3,404,526	3,455,383	3,508,027	3,562,085	3,617,491	3,735,069	3,854,443
Manufacturing	15,362,533	15,916,642	16,788,153	17,693,987	18,633,812	19,607,046	20,612,835	21,650,040	22,717,217	23,812,603	24,934,486	26,081,641	26,975,230	27,883,798
Wholesale Trade	11,825,286	11,713,157	12,248,682	12,810,310	13,397,420	14,009,143	14,644,347	15,301,623	15,979,273	16,675,287	17,387,972	18,116,533	18,720,926	19,335,026
Retail Trade	4,816,882	4,678,189	4,815,310	4,960,723	5,114,165	5,275,267	5,443,553	5,618,439	5,799,236	5,985,141	6,175,521	6,370,161	6,580,034	6,793,195
Transporatation and Warehousing	10,378,771	9,592,736	9,997,213	10,420,407	10,861,896	11,321,113	11,797,337	12,289,695	12,797,155	13,318,524	13,852,762	14,399,281	14,887,874	15,384,534
Information	21,909,857	22,599,454	23,850,201	25,159,883	26,527,288	27,950,626	29,427,462	30,954,653	32,528,296	34,143,667	35,796,731	37,485,619	38,724,366	39,982,538
Finance and Insurance	15,986,153	16,502,084	17,159,220	17,672,223	18,210,419	18,772,805	19,358,125	19,964,877	20,591,315	21,235,449	21,895,652	22,571,195	23,332,819	24,106,939
Real Estate and Rental and Leasing	9,416,560	9,549,012	9,599,181	9,834,979	10,085,701	10,350,514	10,628,391	10,918,106	11,218,234	11,527,150	11,843,610	12,167,250	12,566,086	12,971,133
Professional, Scientific, and Technical Services	10,993,204	10,721,881	11,223,143	11,747,687	12,295,040	12,864,509	13,455,172	14,065,857	14,695,133	15,341,294	16,002,871	16,679,128	17,238,155	17,806,242
Management of Companies and Enterprises	6,073,512	5,650,732	5,847,340	6,052,852	6,267,115	6,489,895	6,720,871	6,959,647	7,205,746	7,458,617	7,717,774	7,982,934	8,255,482	8,532,579
Administrative and Support and Waste Management	3,876,593	3,711,124	3,859,277	4,015,224	4,178,753	4,349,567	4,527,286	4,711,436	4,901,452	5,096,668	5,296,538	5,500,838	5,682,997	5,868,047
Educational Services	863,766	887,972	901,071	914,905	929,459	944,709	960,618	977,142	994,227	1,011,810	1,029,843	1,048,307	1,084,083	1,120,457
Health Care and Social Assistance	4,658,229	4,890,001	5,036,814	5,191,685	5,354,395	5,524,628	5,701,976	5,885,933	6,075,899	6,271,179	6,471,210	6,675,767	6,898,638	7,125,092
Arts, Entertainment, and Recreation	1,184,239	1,198,044	1,227,018	1,257,718	1,290,097	1,324,081	1,359,573	1,396,454	1,434,578	1,473,778	1,513,921	1,554,961	1,606,624	1,659,110
Accommodation and Food Services	3,856,448	3,706,317	3,791,382	3,882,482	3,979,390	4,081,793	4,189,290	4,301,396	4,417,542	4,537,069	4,659,475	4,784,618	4,940,913	5,099,622
Other Services (except Public Administration)	1,940,650	1,992,435	2,042,430	2,095,559	2,151,719	2,210,765	2,272,513	2,336,738	2,403,180	2,471,539	2,541,581	2,613,226	2,699,877	2,787,900
Government	6,174,673	6,302,006	6,366,386	6,437,384	6,514,686	6,597,863	6,686,388	6,779,641	6,876,923	6,977,457	7,080,680	7,186,474	7,425,144	7,667,624

Fulton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	101,871	105,073	108,312	111,585	114,887	118,216	121,567	124,937	128,323	131,721	135,128	138,541	141,955	145,366
Mining	53,243	54,960	56,698	58,455	60,229	62,018	63,820	65,633	67,455	69,285	71,119	72,957	74,797	76,636
Utilities	1,565,080	1,614,868	1,665,249	1,716,166	1,767,561	1,819,377	1,871,560	1,924,053	1,976,801	2,029,751	2,082,848	2,136,038	2,189,270	2,242,451
Construction	3,975,467	4,097,994	4,221,880	4,346,986	4,473,173	4,600,303	4,728,243	4,856,860	4,986,023	5,115,605	5,245,478	5,375,516	5,505,597	5,635,501
Manufacturing	28,806,236	29,741,445	30,688,332	31,645,811	32,612,800	33,588,228	34,571,028	35,560,140	36,554,508	37,553,086	38,554,831	39,558,706	40,563,679	41,568,016
Wholesale Trade	19,958,078	20,589,336	21,228,064	21,873,531	22,525,016	23,181,804	23,843,189	24,508,473	25,176,961	25,847,968	26,520,814	27,194,827	27,869,337	28,543,195
Retail Trade	7,009,381	7,228,333	7,449,794	7,673,512	7,899,238	8,126,727	8,355,735	8,586,022	8,817,353	9,049,492	9,282,210	9,515,275	9,748,464	9,981,379
Transporatation and Warehousing	15,888,654	16,399,630	16,916,863	17,439,760	17,967,730	18,500,190	19,036,558	19,576,259	20,118,721	20,663,375	21,209,658	21,757,010	22,304,874	22,852,306
Information	41,258,577	42,550,946	43,858,128	45,178,627	46,510,968	47,853,693	49,205,364	50,564,561	51,929,881	53,299,938	54,673,362	56,048,798	57,424,905	58,799,353
Finance and Insurance	24,892,610	25,688,891	26,494,853	27,309,572	28,132,135	28,961,634	29,797,170	30,637,852	31,482,793	32,331,117	33,181,951	34,034,429	34,887,693	35,740,277
Real Estate and Rental and Leasing	13,381,889	13,797,861	14,218,563	14,643,516	15,072,247	15,504,291	15,939,188	16,376,484	16,815,732	17,256,489	17,698,319	18,140,788	18,583,471	19,025,619
Professional, Scientific, and Technical Services	18,382,690	18,966,811	19,557,922	20,155,347	20,758,417	21,366,470	21,978,848	22,594,903	23,213,990	23,835,469	24,458,709	25,083,080	25,707,959	26,332,278
Management of Companies and Enterprises	8,813,886	9,099,068	9,387,791	9,679,724	9,974,538	10,271,907	10,571,506	10,873,012	11,176,106	11,480,468	11,785,782	12,091,733	12,398,008	12,704,079
Administrative and Support and Waste Management	6,055,760	6,245,912	6,438,281	6,632,646	6,828,792	7,026,504	7,225,571	7,425,783	7,626,933	7,828,817	8,031,232	8,233,976	8,436,852	8,639,515
Educational Services	1,157,385	1,194,824	1,232,729	1,271,056	1,309,764	1,348,809	1,388,147	1,427,738	1,467,539	1,507,508	1,547,604	1,587,784	1,628,009	1,668,208
Health Care and Social Assistance	7,354,852	7,587,643	7,823,192	8,061,232	8,301,495	8,543,719	8,787,643	9,033,008	9,279,560	9,527,045	9,775,212	10,023,813	10,272,601	10,521,152
Arts, Entertainment, and Recreation	1,712,355	1,766,294	1,820,865	1,876,005	1,931,653	1,987,748	2,044,229	2,101,038	2,158,115	2,215,402	2,272,841	2,330,375	2,387,948	2,445,461
Accommodation and Food Services	5,260,547	5,423,495	5,588,276	5,754,703	5,922,590	6,091,756	6,262,021	6,433,209	6,605,144	6,777,655	6,950,571	7,123,725	7,296,950	7,469,954
Other Services (except Public Administration)	2,877,189	2,967,634	3,059,132	3,151,577	3,244,866	3,338,897	3,433,570	3,528,785	3,624,443	3,720,448	3,816,701	3,913,109	4,009,577	4,105,940
Government	7,913,617	8,162,828	8,414,967	8,669,747	8,926,885	9,186,101	9,447,117	9,709,659	9,973,456	10,238,240	10,503,744	10,769,706	11,035,864	11,301,767

Appendix D:
Baseline Output by Industry

Fulton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	148,774	152,179	155,581	158,983	162,384	165,784	169,185	172,586	175,989	179,395	182,803	186,214	189,629	193,049
Mining	78,472	80,308	82,143	83,977	85,810	87,643	89,476	91,309	93,142	94,976	96,810	98,645	100,482	102,320
Utilities	2,295,589	2,348,691	2,401,765	2,454,817	2,507,856	2,560,888	2,613,921	2,666,963	2,720,022	2,773,105	2,826,221	2,879,376	2,932,579	2,985,838
Construction	5,765,257	5,894,893	6,024,439	6,153,921	6,283,371	6,412,816	6,542,286	6,671,811	6,801,421	6,931,144	7,061,011	7,191,051	7,321,294	7,451,770
Manufacturing	42,571,793	43,575,090	44,577,988	45,580,570	46,582,921	47,585,125	48,587,270	49,589,445	50,591,736	51,594,236	52,597,033	53,600,219	54,603,884	55,608,121
Wholesale Trade	29,216,498	29,889,344	30,561,834	31,234,067	31,906,145	32,578,171	33,250,248	33,922,479	34,594,968	35,267,821	35,941,142	36,615,038	37,289,613	37,964,974
Retail Trade	10,214,065	10,446,562	10,678,914	10,911,164	11,143,356	11,375,532	11,607,738	11,840,017	12,072,414	12,304,973	12,537,739	12,770,758	13,004,074	13,237,733
Transporatation and Warehousing	23,399,361	23,946,094	24,492,562	25,038,821	25,584,931	26,130,949	26,676,936	27,222,952	27,769,058	28,315,316	28,861,786	29,408,530	29,955,613	30,503,095
Information	60,172,384	61,544,243	62,915,177	64,285,439	65,655,281	67,024,961	68,394,736	69,764,867	71,135,616	72,507,246	73,880,022	75,254,210	76,630,077	78,007,888
Finance and Insurance	36,592,278	37,443,794	38,294,924	39,145,768	39,996,429	40,847,007	41,697,608	42,548,335	43,399,293	44,250,590	45,102,329	45,954,620	46,807,568	47,661,280
Real Estate and Rental and Leasing	19,467,317	19,908,650	20,349,704	20,790,566	21,231,323	21,672,064	22,112,875	22,553,847	22,995,067	23,436,627	23,878,614	24,321,120	24,764,233	25,208,044
Professional, Scientific, and Technical Services	26,956,119	27,579,565	28,202,701	28,825,610	29,448,380	30,071,097	30,693,848	31,316,722	31,939,806	32,563,190	33,186,963	33,811,215	34,436,036	35,061,515
Management of Companies and Enterprises	13,009,972	13,315,713	13,621,329	13,926,849	14,232,299	14,537,709	14,843,108	15,148,523	15,453,986	15,759,525	16,065,171	16,370,953	16,676,901	16,983,045
Administrative and Support and Waste Management	8,841,997	9,044,332	9,246,553	9,448,695	9,650,793	9,852,879	10,054,990	10,257,159	10,459,423	10,661,815	10,864,372	11,067,128	11,270,120	11,473,382
Educational Services	1,708,384	1,748,543	1,788,686	1,828,817	1,868,940	1,909,059	1,949,177	1,989,298	2,029,425	2,069,563	2,109,715	2,149,885	2,190,078	2,230,295
Health Care and Social Assistance	10,769,501	11,017,684	11,265,737	11,513,697	11,761,601	12,009,486	12,257,389	12,505,349	12,753,402	13,001,588	13,249,945	13,498,510	13,747,323	13,996,421
Arts, Entertainment, and Recreation	2,502,923	2,560,344	2,617,732	2,675,097	2,732,449	2,789,796	2,847,148	2,904,515	2,961,906	3,019,331	3,076,800	3,134,322	3,191,907	3,249,565
Accommodation and Food Services	7,642,773	7,815,441	7,987,995	8,160,470	8,332,902	8,505,328	8,677,785	8,850,308	9,022,934	9,195,701	9,368,646	9,541,805	9,715,216	9,888,916
Other Services (except Public Administration)	4,202,214	4,298,416	4,394,561	4,490,666	4,586,746	4,682,819	4,778,901	4,875,008	4,971,158	5,067,367	5,163,652	5,260,030	5,356,518	5,453,133
Government	11,567,457	11,832,976	12,098,368	12,363,676	12,628,945	12,894,217	13,159,538	13,424,953	13,690,505	13,956,241	14,222,205	14,488,443	14,754,999	15,021,920

Fulton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	196,474	199,904	203,341	206,785	210,236	213,696	217,164	220,641	224,129	227,627	231,136	234,656	238,189
Mining	104,159	106,000	107,844	109,689	111,537	113,388	115,241	117,098	118,958	120,822	122,689	124,560	126,435
Utilities	3,039,160	3,092,553	3,146,025	3,199,584	3,253,238	3,306,994	3,360,859	3,414,843	3,468,952	3,523,193	3,577,574	3,632,103	3,686,786
Construction	7,582,510	7,713,541	7,844,896	7,976,603	8,108,691	8,241,192	8,374,133	8,507,545	8,641,456	8,775,897	8,910,895	9,046,480	9,182,680
Manufacturing	56,613,020	57,618,674	58,625,172	59,632,606	60,641,066	61,650,642	62,661,422	63,673,495	64,686,947	65,701,864	66,718,330	67,736,428	68,756,238
Wholesale Trade	38,641,226	39,318,476	39,996,828	40,676,389	41,357,263	42,039,556	42,723,370	43,408,811	44,095,981	44,784,982	45,475,915	46,168,882	46,863,980
Retail Trade	13,471,778	13,706,255	13,941,210	14,176,687	14,412,730	14,649,385	14,886,695	15,124,705	15,363,459	15,603,001	15,843,374	16,084,620	16,326,783
Transporatation and Warehousing	31,051,038	31,599,507	32,148,563	32,698,267	33,248,683	33,799,872	34,351,894	34,904,811	35,458,682	36,013,567	36,569,524	37,126,611	37,684,884
Information	79,387,911	80,770,413	82,155,661	83,543,920	84,935,456	86,330,534	87,729,415	89,132,361	90,539,632	91,951,484	93,368,174	94,789,952	96,217,068
Finance and Insurance	48,515,864	49,371,428	50,228,077	51,085,920	51,945,062	52,805,610	53,667,668	54,531,342	55,396,735	56,263,949	57,133,088	58,004,251	58,877,538
Real Estate and Rental and Leasing	25,652,644	26,098,122	26,544,568	26,992,071	27,440,723	27,890,611	28,341,825	28,794,454	29,248,586	29,704,308	30,161,708	30,620,872	31,081,887
Professional, Scientific, and Technical Services	35,687,744	36,314,810	36,942,806	37,571,819	38,201,941	38,833,258	39,465,862	40,099,838	40,735,275	41,372,259	42,010,876	42,651,212	43,293,350
Management of Companies and Enterprises	17,289,417	17,596,045	17,902,960	18,210,192	18,517,771	18,825,726	19,134,086	19,442,882	19,752,141	20,061,893	20,372,164	20,682,983	20,994,378
Administrative and Support and Waste Management	11,676,950	11,880,859	12,085,145	12,289,842	12,494,988	12,700,615	12,906,760	13,113,456	13,320,740	13,528,644	13,737,204	13,946,453	14,156,425
Educational Services	2,270,543	2,310,824	2,351,142	2,391,501	2,431,905	2,472,357	2,512,862	2,553,423	2,594,043	2,634,727	2,675,478	2,716,300	2,757,195
Health Care and Social Assistance	14,245,843	14,495,628	14,745,814	14,996,440	15,247,542	15,499,161	15,751,332	16,004,095	16,257,486	16,511,543	16,766,302	17,021,800	17,278,072
Arts, Entertainment, and Recreation	3,307,305	3,365,137	3,423,071	3,481,117	3,539,284	3,597,582	3,656,020	3,714,608	3,773,356	3,832,273	3,891,368	3,950,651	4,010,130
Accommodation and Food Services	10,062,941	10,237,330	10,412,119	10,587,345	10,763,046	10,939,257	11,116,017	11,293,360	11,471,325	11,649,946	11,829,260	12,009,302	12,190,109
Other Services (except Public Administration)	5,549,893	5,646,813	5,743,911	5,841,205	5,938,710	6,036,443	6,134,422	6,232,663	6,331,183	6,429,998	6,529,124	6,628,577	6,728,374
Government	15,289,251	15,557,037	15,825,324	16,094,157	16,363,581	16,633,641	16,904,381	17,175,847	17,448,083	17,721,132	17,995,039	18,269,847	18,545,598

Appendix D:
Baseline Output by Industry

Gwinnett County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	50,150	63,913	65,874	67,767	69,605	71,401	73,173	74,936	76,709	78,511	80,356	82,241	85,510	88,848
Mining	10,685	640	648	654	658	662	664	665	666	667	667	667	694	722
Utilities	127,157	132,992	137,381	141,627	145,757	149,801	153,794	157,771	161,773	165,846	170,018	174,285	181,292	188,450
Construction	2,471,251	2,358,776	2,425,365	2,489,799	2,552,536	2,614,056	2,674,875	2,735,538	2,796,629	2,858,770	2,922,349	2,987,313	3,104,212	3,223,502
Manufacturing	9,284,875	7,416,794	8,916,587	10,492,957	12,140,105	13,853,429	15,629,761	17,467,596	19,367,289	21,331,252	23,361,267	25,455,431	26,481,605	27,529,803
Wholesale Trade	7,236,424	7,114,294	7,575,338	8,044,720	8,522,500	9,009,086	9,505,276	10,012,304	10,531,881	11,066,234	11,616,815	12,183,128	12,670,406	13,168,049
Retail Trade	3,282,113	3,323,847	3,483,712	3,644,195	3,805,625	3,968,433	4,133,164	4,300,487	4,471,211	4,646,291	4,826,332	5,011,175	5,209,509	5,411,980
Transporatation and Warehousing	768,276	767,970	806,272	844,638	883,144	921,896	961,035	1,000,736	1,041,213	1,082,725	1,125,436	1,169,310	1,216,313	1,264,322
Information	2,983,107	3,490,718	3,746,149	4,007,649	4,275,103	4,548,575	4,828,341	5,114,902	5,409,015	5,711,711	6,023,656	6,344,561	6,596,834	6,854,398
Finance and Insurance	2,918,134	3,238,461	3,251,267	3,377,171	3,502,116	3,626,643	3,751,404	3,877,166	4,004,815	4,135,368	4,269,475	4,407,023	4,583,788	4,764,335
Real Estate and Rental and Leasing	1,915,999	1,840,092	2,037,261	2,119,724	2,202,217	2,285,026	2,368,497	2,453,034	2,539,106	2,627,253	2,717,817	2,810,716	2,921,484	3,034,549
Professional, Scientific, and Technical Services	2,073,976	2,013,696	2,158,425	2,306,422	2,457,629	2,612,095	2,769,995	2,931,640	3,097,492	3,268,176	3,444,100	3,625,105	3,769,995	3,917,965
Management of Companies and Enterprises	1,253,789	1,411,394	1,487,157	1,563,137	1,639,454	1,716,297	1,793,932	1,872,705	1,953,051	2,035,498	2,120,391	2,207,659	2,297,690	2,389,696
Administrative and Support and Waste Management	1,578,088	1,713,817	1,807,223	1,901,631	1,997,149	2,093,946	2,192,265	2,292,429	2,394,844	2,500,015	2,608,263	2,719,490	2,827,454	2,937,686
Educational Services	135,308	131,644	136,024	140,240	144,318	148,290	152,191	156,062	159,948	163,896	167,940	172,074	179,089	186,258
Health Care and Social Assistance	1,105,768	1,206,410	1,265,145	1,323,999	1,383,092	1,442,589	1,502,703	1,563,697	1,625,888	1,689,656	1,755,242	1,822,589	1,895,379	1,969,712
Arts, Entertainment, and Recreation	382,900	417,847	438,504	459,300	480,272	501,470	522,958	544,813	567,129	590,016	613,544	637,690	662,702	688,227
Accommodation and Food Services	953,188	931,728	967,621	1,003,115	1,038,349	1,073,486	1,108,712	1,144,236	1,180,299	1,217,167	1,255,009	1,293,791	1,344,921	1,397,115
Other Services (except Public Administration)	861,236	849,730	884,848	919,746	954,540	989,365	1,024,385	1,059,788	1,095,792	1,132,649	1,170,516	1,209,361	1,257,331	1,306,304
Government	1,288,337	1,357,013	1,396,187	1,433,754	1,469,998	1,505,232	1,539,795	1,574,054	1,608,404	1,643,272	1,678,925	1,715,336	1,783,785	1,853,684

Gwinnett County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	92,251	95,714	99,234	102,807	106,429	110,095	113,800	117,542	121,314	125,113	128,933	132,771	136,622	140,478
Mining	750	779	808	837	867	897	928	959	990	1,022	1,053	1,085	1,117	1,149
Utilities	195,748	203,181	210,738	218,411	226,191	234,069	242,035	250,080	258,194	266,368	274,591	282,853	291,144	299,449
Construction	3,345,044	3,468,697	3,594,316	3,721,755	3,850,865	3,981,494	4,113,489	4,246,694	4,380,951	4,516,102	4,651,984	4,788,437	4,925,294	5,062,306
Manufacturing	28,598,828	29,687,452	30,794,415	31,918,426	33,058,166	34,212,286	35,379,412	36,558,146	37,747,065	38,944,723	40,149,654	41,360,374	42,575,379	43,792,400
Wholesale Trade	13,675,487	14,192,136	14,717,399	15,250,665	15,791,308	16,338,690	16,892,164	17,451,068	18,014,731	18,582,472	19,153,600	19,727,417	20,303,213	20,879,919
Retail Trade	5,618,355	5,828,395	6,041,856	6,258,489	6,478,040	6,700,251	6,924,860	7,151,600	7,380,200	7,610,387	7,841,883	8,074,408	8,307,680	8,541,265
Transporatation and Warehousing	1,313,280	1,363,132	1,413,819	1,465,284	1,517,464	1,570,299	1,623,724	1,677,677	1,732,092	1,786,903	1,842,042	1,897,442	1,953,034	2,008,713
Information	7,116,956	7,384,203	7,655,829	7,931,515	8,210,937	8,493,767	8,779,667	9,068,298	9,359,313	9,652,363	9,947,093	10,243,143	10,540,152	10,837,569
Finance and Insurance	4,948,459	5,135,948	5,326,586	5,520,150	5,716,415	5,915,148	6,116,113	6,319,070	6,523,774	6,729,979	6,937,432	7,145,878	7,355,058	7,564,584
Real Estate and Rental and Leasing	3,149,781	3,267,047	3,386,209	3,507,129	3,629,666	3,753,676	3,879,012	4,005,526	4,133,067	4,261,484	4,390,621	4,520,324	4,650,435	4,780,713
Professional, Scientific, and Technical Services	4,068,845	4,222,461	4,378,637	4,537,191	4,697,935	4,860,682	5,025,238	5,191,407	5,358,988	5,527,781	5,697,579	5,868,175	6,039,358	6,210,810
Management of Companies and Enterprises	2,483,575	2,579,218	2,676,516	2,775,355	2,875,620	2,977,192	3,079,949	3,183,768	3,288,522	3,394,082	3,500,319	3,607,100	3,714,290	3,821,687
Administrative and Support and Waste Management	3,050,059	3,164,445	3,280,710	3,398,718	3,518,333	3,639,412	3,761,813	3,885,390	4,009,997	4,135,482	4,261,694	4,388,481	4,515,687	4,643,075
Educational Services	193,574	201,026	208,609	216,311	224,125	232,041	240,049	248,141	256,306	264,534	272,814	281,138	289,493	297,866
Health Care and Social Assistance	2,045,505	2,122,669	2,201,116	2,280,754	2,361,490	2,443,228	2,525,872	2,609,324	2,693,482	2,778,247	2,863,514	2,949,179	3,035,137	3,121,229
Arts, Entertainment, and Recreation	714,236	740,699	767,585	794,862	822,500	850,464	878,723	907,243	935,990	964,929	994,028	1,023,249	1,052,559	1,081,904
Accommodation and Food Services	1,450,313	1,504,452	1,559,470	1,615,304	1,671,886	1,729,152	1,787,032	1,845,460	1,904,364	1,963,675	2,023,321	2,083,230	2,143,330	2,203,508
Other Services (except Public Administration)	1,356,224	1,407,034	1,458,674	1,511,083	1,564,202	1,617,966	1,672,312	1,727,177	1,782,493	1,838,196	1,894,217	1,950,489	2,006,943	2,063,474
Government	1,924,952	1,997,509	2,071,271	2,146,151	2,222,062	2,298,915	2,376,619	2,455,081	2,534,207	2,613,904	2,694,073	2,774,617	2,855,437	2,936,384

Appendix D:
Baseline Output by Industry

Gwinnett County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	144,338	148,202	152,068	155,935	159,802	163,668	167,532	171,393	175,250	179,102	182,947	186,785	190,614	194,434
Mining	1,181	1,213	1,245	1,277	1,309	1,342	1,374	1,406	1,438	1,470	1,501	1,533	1,565	1,597
Utilities	307,765	316,089	324,420	332,753	341,088	349,420	357,748	366,070	374,381	382,681	390,966	399,234	407,483	415,709
Construction	5,199,439	5,336,660	5,473,937	5,611,237	5,748,528	5,885,778	6,022,955	6,160,026	6,296,961	6,433,727	6,570,293	6,706,627	6,842,698	6,978,475
Manufacturing	45,011,056	46,230,966	47,451,748	48,673,020	49,894,400	51,115,507	52,335,960	53,555,377	54,773,379	55,989,583	57,203,610	58,415,080	59,623,611	60,828,824
Wholesale Trade	21,457,362	22,035,370	22,613,772	23,192,395	23,771,068	24,349,620	24,927,878	25,505,671	26,082,828	26,659,177	27,234,546	27,808,764	28,381,660	28,953,064
Retail Trade	8,775,103	9,009,129	9,243,280	9,477,495	9,711,712	9,945,867	10,179,898	10,413,745	10,647,344	10,880,634	11,113,553	11,346,040	11,578,033	11,809,471
Transporatation and Warehousing	2,064,464	2,120,267	2,176,106	2,231,964	2,287,823	2,343,666	2,399,475	2,455,233	2,510,924	2,566,528	2,622,030	2,677,412	2,732,656	2,787,746
Information	11,135,311	11,433,296	11,731,440	12,029,661	12,327,879	12,626,010	12,923,973	13,221,688	13,519,072	13,816,047	14,112,530	14,408,442	14,703,702	14,998,230
Finance and Insurance	7,774,391	7,984,415	8,194,591	8,404,855	8,615,143	8,825,390	9,035,532	9,245,505	9,455,244	9,664,685	9,873,764	10,082,417	10,290,578	10,498,185
Real Estate and Rental and Leasing	4,911,126	5,041,638	5,172,217	5,302,828	5,433,438	5,564,015	5,694,523	5,824,931	5,955,204	6,085,310	6,215,216	6,344,888	6,474,293	6,603,399
Professional, Scientific, and Technical Services	6,382,480	6,554,318	6,726,272	6,898,291	7,070,325	7,242,323	7,414,234	7,586,008	7,757,592	7,928,938	8,099,994	8,270,709	8,441,032	8,610,914
Management of Companies and Enterprises	3,929,255	4,036,957	4,144,754	4,252,611	4,360,488	4,468,350	4,576,158	4,683,874	4,791,461	4,898,882	5,006,098	5,113,071	5,219,765	5,326,142
Administrative and Support and Waste Management	4,770,612	4,898,260	5,025,986	5,153,752	5,281,524	5,409,266	5,536,943	5,664,520	5,791,962	5,919,232	6,046,297	6,173,120	6,299,668	6,425,903
Educational Services	306,251	314,647	323,051	331,460	339,871	348,280	356,686	365,084	373,473	381,848	390,208	398,549	406,868	415,162
Health Care and Social Assistance	3,207,428	3,293,710	3,380,049	3,466,420	3,552,798	3,639,157	3,725,472	3,811,718	3,897,870	3,983,902	4,069,790	4,155,507	4,241,029	4,326,331
Arts, Entertainment, and Recreation	1,111,275	1,140,666	1,170,070	1,199,479	1,228,887	1,258,286	1,287,670	1,317,031	1,346,362	1,375,656	1,404,907	1,434,107	1,463,249	1,492,327
Accommodation and Food Services	2,263,750	2,324,039	2,384,359	2,444,695	2,505,031	2,565,350	2,625,638	2,685,878	2,746,054	2,806,152	2,866,155	2,926,048	2,985,816	3,045,442
Other Services (except Public Administration)	2,120,068	2,176,708	2,233,379	2,290,065	2,346,752	2,403,425	2,460,066	2,516,663	2,573,198	2,629,657	2,686,026	2,742,287	2,798,428	2,854,432
Government	3,017,434	3,098,563	3,179,749	3,260,967	3,342,195	3,423,408	3,504,585	3,585,701	3,666,733	3,747,658	3,828,453	3,909,094	3,989,558	4,069,822

Gwinnett County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	198,244	202,042	205,827	209,599	213,355	217,096	220,820	224,527	228,214	231,881	235,527	239,151	242,751
Mining	1,628	1,660	1,691	1,722	1,753	1,784	1,815	1,845	1,876	1,906	1,936	1,966	1,995
Utilities	423,910	432,084	440,228	448,339	456,416	464,455	472,453	480,410	488,321	496,184	503,997	511,757	519,462
Construction	7,113,925	7,249,018	7,383,721	7,518,005	7,651,837	7,785,185	7,918,019	8,050,306	8,182,015	8,313,114	8,443,571	8,573,354	8,702,431
Manufacturing	62,030,340	63,227,779	64,420,761	65,608,908	66,791,840	67,969,178	69,140,543	70,305,557	71,463,841	72,615,016	73,758,704	74,894,528	76,022,107
Wholesale Trade	29,522,803	30,090,707	30,656,605	31,220,325	31,781,698	32,340,553	32,896,718	33,450,024	34,000,299	34,547,373	35,091,076	35,631,237	36,167,685
Retail Trade	12,040,292	12,270,435	12,499,838	12,728,441	12,956,180	13,182,996	13,408,827	13,633,611	13,857,286	14,079,791	14,301,063	14,521,042	14,739,665
Transporatation and Warehousing	2,842,664	2,897,393	2,951,915	3,006,214	3,060,272	3,114,072	3,167,596	3,220,829	3,273,751	3,326,347	3,378,599	3,430,490	3,482,003
Information	15,291,946	15,584,770	15,876,622	16,167,422	16,457,090	16,745,546	17,032,710	17,318,501	17,602,840	17,885,645	18,166,836	18,446,333	18,724,053
Finance and Insurance	10,705,172	10,911,475	11,117,031	11,321,775	11,525,644	11,728,572	11,930,497	12,131,354	12,331,079	12,529,609	12,726,879	12,922,826	13,117,387
Real Estate and Rental and Leasing	6,732,173	6,860,582	6,988,592	7,116,170	7,243,285	7,369,903	7,495,990	7,621,514	7,746,442	7,870,741	7,994,377	8,117,317	8,239,528
Professional, Scientific, and Technical Services	8,780,303	8,949,149	9,117,402	9,285,010	9,451,923	9,618,092	9,783,464	9,947,990	10,111,620	10,274,302	10,435,987	10,596,623	10,756,161
Management of Companies and Enterprises	5,432,162	5,537,790	5,642,987	5,747,716	5,851,938	5,955,617	6,058,715	6,161,194	6,263,017	6,364,148	6,464,547	6,564,179	6,663,007
Administrative and Support and Waste Management	6,551,793	6,677,300	6,802,391	6,927,030	7,051,183	7,174,813	7,297,887	7,420,368	7,542,223	7,663,415	7,783,910	7,903,672	8,022,666
Educational Services	423,429	431,665	439,867	448,032	456,158	464,242	472,280	480,270	488,208	496,092	503,919	511,686	519,389
Health Care and Social Assistance	4,411,388	4,496,173	4,580,663	4,664,832	4,748,655	4,832,107	4,915,162	4,997,796	5,079,983	5,161,699	5,242,918	5,323,615	5,403,765
Arts, Entertainment, and Recreation	1,521,334	1,550,262	1,579,105	1,607,856	1,636,508	1,665,053	1,693,486	1,721,798	1,749,984	1,778,036	1,805,946	1,833,709	1,861,317
Accommodation and Food Services	3,104,911	3,164,208	3,223,317	3,282,222	3,340,908	3,399,360	3,457,562	3,515,498	3,573,152	3,630,510	3,687,554	3,744,270	3,800,643
Other Services (except Public Administration)	2,910,283	2,965,968	3,021,471	3,076,777	3,131,871	3,186,737	3,241,361	3,295,727	3,349,820	3,403,626	3,457,128	3,510,311	3,563,161
Government	4,149,862	4,229,656	4,309,180	4,388,410	4,467,325	4,545,900	4,624,112	4,701,938	4,779,355	4,856,339	4,932,868	5,008,917	5,084,465

Appendix D:
Baseline Output by Industry

Henry County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	42,357	39,196	42,132	44,906	47,514	49,969	52,298	54,538	56,740	58,964	61,254	63,609	67,190	70,899
Mining	15,578	13,930	14,741	15,451	16,063	16,584	17,029	17,411	17,751	18,071	18,383	18,688	19,759	20,870
Utilities	121,019	109,853	118,819	127,395	135,564	143,352	150,827	158,095	165,301	172,628	180,203	188,026	198,767	209,895
Construction	277,509	278,535	299,496	319,353	338,092	355,797	372,646	388,906	404,928	421,142	437,848	455,040	480,543	506,940
Manufacturing	830,399	830,902	952,795	1,079,540	1,210,264	1,344,439	1,481,983	1,623,343	1,769,570	1,922,387	2,083,199	2,252,024	2,381,661	2,516,022
Wholesale Trade	108,184	141,036	157,044	173,230	189,512	205,861	222,312	238,969	256,009	273,688	292,203	311,554	329,289	347,661
Retail Trade	333,409	375,104	411,125	446,710	481,733	516,207	550,291	584,301	618,708	654,144	691,076	729,500	770,717	813,396
Transporatation and Warehousing	176,994	207,726	226,900	245,677	263,996	281,874	299,412	316,794	334,292	352,258	370,953	390,373	412,592	435,607
Information	156,553	191,029	211,164	231,326	251,425	271,446	291,450	311,586	332,094	353,304	375,469	398,586	421,119	444,450
Finance and Insurance	176,741	225,157	246,912	268,382	289,485	310,228	330,709	351,121	371,756	393,005	415,156	438,209	463,233	489,160
Real Estate and Rental and Leasing	146,759	154,371	168,245	181,815	195,044	207,946	220,599	233,136	245,750	258,695	272,156	286,128	302,245	318,930
Professional, Scientific, and Technical Services	82,480	84,171	92,714	101,205	109,605	117,914	126,163	134,422	142,801	151,448	160,474	169,880	179,591	189,653
Management of Companies and Enterprises	9,470	13,513	14,890	16,256	17,607	18,941	20,264	21,587	22,928	24,313	25,759	27,266	28,840	30,471
Administrative and Support and Waste Management	93,935	110,294	121,989	133,717	145,427	157,107	168,793	180,569	192,572	204,994	217,980	231,529	244,612	258,160
Educational Services	7,508	8,140	8,796	9,419	10,010	10,569	11,103	11,618	12,127	12,643	13,176	13,726	14,518	15,339
Health Care and Social Assistance	185,041	206,157	225,726	244,990	263,882	282,412	300,672	318,842	337,186	356,056	375,713	396,155	418,694	442,042
Arts, Entertainment, and Recreation	28,566	22,046	24,198	26,331	28,437	30,517	32,579	34,641	36,731	38,885	41,130	43,467	45,909	48,436
Accommodation and Food Services	115,681	138,352	150,184	161,645	172,707	183,394	193,781	203,995	214,211	224,655	235,488	246,708	260,642	275,069
Other Services (except Public Administration)	116,505	132,492	144,870	157,040	168,960	180,641	192,144	203,582	215,124	226,992	239,350	252,196	266,475	281,263
Government	325,246	356,603	383,590	409,081	433,053	455,613	476,995	497,554	517,752	538,158	559,168	580,775	613,774	647,955

Henry County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	74,731	78,683	82,753	86,936	91,228	95,623	100,117	104,703	109,375	114,128	118,952	123,841	128,788	133,780
Mining	22,018	23,204	24,425	25,682	26,972	28,294	29,647	31,028	32,437	33,870	35,326	36,802	38,296	39,804
Utilities	221,403	233,282	245,520	258,108	271,030	284,274	297,822	311,657	325,761	340,112	354,690	369,470	384,430	399,535
Construction	534,212	562,335	591,287	621,036	651,552	682,800	714,742	747,334	780,534	814,294	848,562	883,285	918,406	953,850
Manufacturing	2,655,021	2,798,552	2,946,494	3,098,707	3,255,031	3,415,290	3,579,292	3,746,823	3,917,655	4,091,540	4,268,217	4,447,403	4,628,805	4,812,028
Wholesale Trade	366,657	386,263	406,461	427,232	448,554	470,404	492,754	515,575	538,837	562,506	586,545	610,918	635,585	660,491
Retail Trade	857,508	903,016	949,882	998,058	1,047,495	1,098,136	1,149,919	1,202,776	1,256,635	1,311,419	1,367,046	1,423,427	1,480,470	1,538,054
Transporatation and Warehousing	459,402	483,958	509,254	535,265	561,963	589,318	617,296	645,861	674,974	704,591	734,669	765,159	796,011	827,157
Information	468,564	493,441	519,059	545,393	572,415	600,094	628,396	657,285	686,719	716,658	747,056	777,865	809,034	840,497
Finance and Insurance	515,972	543,649	572,166	601,496	631,610	662,471	694,044	726,287	759,156	792,604	826,579	861,030	895,898	931,109
Real Estate and Rental and Leasing	336,174	353,960	372,275	391,100	410,415	430,198	450,425	471,069	492,103	513,495	535,214	557,226	579,495	601,972
Professional, Scientific, and Technical Services	200,059	210,802	221,872	233,259	244,950	256,933	269,192	281,713	294,478	307,468	320,664	334,046	347,591	361,269
Management of Companies and Enterprises	32,159	33,903	35,700	37,550	39,449	41,397	43,391	45,428	47,505	49,620	51,769	53,949	56,156	58,386
Administrative and Support and Waste Management	272,164	286,611	301,489	316,784	332,480	348,558	365,000	381,783	398,885	416,281	433,945	451,849	469,964	488,251
Educational Services	16,188	17,066	17,970	18,901	19,858	20,838	21,842	22,867	23,913	24,977	26,059	27,156	28,267	29,390
Health Care and Social Assistance	466,182	491,096	516,762	543,155	570,248	598,010	626,407	655,403	684,957	715,028	745,569	776,533	807,869	839,509
Arts, Entertainment, and Recreation	51,047	53,741	56,514	59,363	62,287	65,281	68,342	71,465	74,647	77,883	81,168	84,497	87,865	91,263
Accommodation and Food Services	289,980	305,363	321,205	337,489	354,199	371,315	388,817	406,682	424,885	443,401	462,201	481,255	500,533	519,993
Other Services (except Public Administration)	296,549	312,320	328,563	345,262	362,399	379,955	397,908	416,235	434,911	453,909	473,201	492,755	512,540	532,514
Government	683,296	719,768	757,341	795,979	835,640	876,281	917,852	960,299	1,003,565	1,047,588	1,092,302	1,137,637	1,183,518	1,229,847

Appendix D:
Baseline Output by Industry

Henry County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	138,813	143,882	148,981	154,104	159,246	164,400	169,560	174,720	179,874	185,015	190,136	195,232	200,295	205,319
Mining	41,326	42,859	44,402	45,952	47,509	49,069	50,632	52,195	53,756	55,313	56,864	58,407	59,940	61,461
Utilities	414,771	430,121	445,566	461,089	476,672	492,296	507,941	523,589	539,218	554,809	570,342	585,795	601,148	616,380
Construction	989,581	1,025,559	1,061,747	1,098,103	1,134,586	1,171,154	1,207,764	1,244,373	1,280,935	1,317,405	1,353,739	1,389,889	1,425,810	1,461,454
Manufacturing	4,996,872	5,183,129	5,370,586	5,559,021	5,748,208	5,937,914	6,127,901	6,317,927	6,507,746	6,697,106	6,885,754	7,073,435	7,259,889	7,444,857
Wholesale Trade	685,610	710,915	736,377	761,966	787,654	813,408	839,197	864,989	890,752	916,451	942,055	967,528	992,837	1,017,947
Retail Trade	1,596,116	1,654,594	1,713,423	1,772,537	1,831,866	1,891,342	1,950,893	2,010,445	2,069,925	2,129,258	2,188,369	2,247,179	2,305,613	2,363,591
Transporatation and Warehousing	858,565	890,199	922,024	954,002	986,095	1,018,265	1,050,472	1,082,676	1,114,835	1,146,908	1,178,852	1,210,625	1,242,184	1,273,487
Information	872,220	904,169	936,309	968,602	1,001,012	1,033,500	1,066,028	1,098,556	1,131,043	1,163,449	1,195,733	1,227,852	1,259,764	1,291,428
Finance and Insurance	966,624	1,002,404	1,038,409	1,074,596	1,110,924	1,147,347	1,183,822	1,220,301	1,256,740	1,293,090	1,329,303	1,365,332	1,401,128	1,436,640
Real Estate and Rental and Leasing	624,634	647,458	670,417	693,485	716,637	739,845	763,082	786,318	809,527	832,677	855,741	878,688	901,489	924,113
Professional, Scientific, and Technical Services	375,067	388,968	402,957	417,018	431,134	445,287	459,461	473,638	487,798	501,925	515,998	530,000	543,911	557,713
Management of Companies and Enterprises	60,635	62,902	65,184	67,477	69,781	72,090	74,403	76,717	79,028	81,334	83,631	85,916	88,187	90,439
Administrative and Support and Waste Management	506,690	525,263	543,947	562,721	581,565	600,456	619,370	638,286	657,178	676,025	694,800	713,481	732,041	750,458
Educational Services	30,522	31,664	32,812	33,967	35,127	36,290	37,454	38,619	39,783	40,944	42,101	43,252	44,395	45,529
Health Care and Social Assistance	871,419	903,564	935,909	968,415	1,001,045	1,033,759	1,066,518	1,099,280	1,132,005	1,164,650	1,197,172	1,229,529	1,261,678	1,293,573
Arts, Entertainment, and Recreation	94,690	98,140	101,611	105,098	108,597	112,105	115,617	119,129	122,636	126,135	129,621	133,089	136,535	139,954
Accommodation and Food Services	539,615	559,377	579,257	599,233	619,282	639,380	659,504	679,628	699,727	719,777	739,751	759,624	779,369	798,962
Other Services (except Public Administration)	552,655	572,941	593,350	613,858	634,442	655,077	675,738	696,400	717,038	737,624	758,134	778,539	798,812	818,928
Government	1,276,575	1,323,650	1,371,021	1,418,634	1,466,433	1,514,360	1,562,359	1,610,369	1,658,331	1,706,183	1,753,864	1,801,311	1,848,461	1,895,251

Henry County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	210,297	215,223	220,089	224,889	229,617	234,265	238,828	243,299	247,671	251,938	256,094	260,133	264,050
Mining	62,968	64,458	65,930	67,381	68,810	70,213	71,590	72,938	74,255	75,540	76,789	78,002	79,176
Utilities	631,470	646,396	661,138	675,674	689,984	704,047	717,842	731,349	744,548	757,420	769,945	782,104	793,879
Construction	1,496,775	1,531,725	1,566,259	1,600,329	1,633,889	1,666,892	1,699,293	1,731,046	1,762,108	1,792,434	1,821,980	1,850,706	1,878,569
Manufacturing	7,628,077	7,809,288	7,988,229	8,164,639	8,338,260	8,508,834	8,676,106	8,839,826	8,999,746	9,155,622	9,307,217	9,454,298	9,596,637
Wholesale Trade	1,042,823	1,067,432	1,091,738	1,115,707	1,139,305	1,162,497	1,185,251	1,207,532	1,229,309	1,250,548	1,271,218	1,291,289	1,310,730
Retail Trade	2,421,038	2,477,873	2,534,020	2,589,401	2,643,937	2,697,553	2,750,172	2,801,719	2,852,120	2,901,302	2,949,193	2,995,724	3,040,826
Transporatation and Warehousing	1,304,489	1,335,147	1,365,418	1,395,260	1,424,628	1,453,481	1,481,776	1,509,472	1,536,528	1,562,904	1,588,560	1,613,458	1,637,561
Information	1,322,801	1,353,841	1,384,504	1,414,749	1,444,533	1,473,816	1,502,554	1,530,709	1,558,238	1,585,103	1,611,264	1,636,684	1,661,325
Finance and Insurance	1,471,822	1,506,622	1,540,992	1,574,882	1,608,245	1,641,031	1,673,192	1,704,681	1,735,452	1,765,457	1,794,654	1,822,996	1,850,442
Real Estate and Rental and Leasing	946,530	968,710	990,622	1,012,238	1,033,525	1,054,456	1,075,000	1,095,128	1,114,812	1,134,023	1,152,733	1,170,916	1,188,545
Professional, Scientific, and Technical Services	571,385	584,908	598,265	611,434	624,398	637,136	649,632	661,865	673,818	685,473	696,812	707,818	718,475
Management of Companies and Enterprises	92,670	94,876	97,055	99,202	101,315	103,391	105,427	107,419	109,364	111,260	113,103	114,891	116,621
Administrative and Support and Waste Management	768,705	786,758	804,592	822,182	839,504	856,534	873,246	889,617	905,624	921,243	936,451	951,227	965,548
Educational Services	46,652	47,763	48,860	49,941	51,006	52,051	53,076	54,079	55,058	56,013	56,941	57,841	58,712
Health Care and Social Assistance	1,325,173	1,356,432	1,387,308	1,417,756	1,447,733	1,477,196	1,506,102	1,534,409	1,562,075	1,589,060	1,615,323	1,640,826	1,665,529
Arts, Entertainment, and Recreation	143,342	146,695	150,007	153,275	156,493	159,658	162,765	165,809	168,786	171,693	174,524	177,277	179,946
Accommodation and Food Services	818,374	837,580	856,553	875,268	893,698	911,817	929,599	947,020	964,054	980,676	996,862	1,012,590	1,027,835
Other Services (except Public Administration)	838,858	858,576	878,054	897,265	916,182	934,778	953,027	970,903	988,379	1,005,430	1,022,032	1,038,160	1,053,790
Government	1,941,617	1,987,494	2,032,820	2,077,530	2,121,562	2,164,852	2,207,339	2,248,960	2,289,655	2,329,365	2,368,030	2,405,594	2,442,001

Appendix D:
Baseline Output by Industry

Rockdale County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	8,846	8,521	8,773	9,013	9,244	9,469	9,688	9,906	10,124	10,345	10,571	10,802	11,234	11,676
Mining	9,487	10,895	11,045	11,163	11,253	11,320	11,366	11,398	11,419	11,433	11,443	11,450	11,921	12,402
Utilities	18,347	19,386	20,007	20,601	21,171	21,723	22,261	22,793	23,325	23,864	24,415	24,979	26,001	27,046
Construction	320,187	317,691	327,270	336,496	345,435	354,160	362,748	371,285	379,863	388,580	397,499	406,612	422,805	439,338
Manufacturing	1,220,746	1,160,426	1,211,426	1,261,466	1,310,740	1,359,496	1,408,040	1,456,737	1,506,010	1,556,347	1,608,065	1,661,121	1,729,866	1,800,151
Wholesale Trade	306,076	354,346	378,015	402,072	426,520	451,380	476,699	502,547	529,025	556,262	584,344	613,248	638,200	663,696
Retail Trade	285,555	294,309	309,041	323,789	338,583	353,466	368,493	383,732	399,266	415,196	431,585	448,419	466,477	484,922
Transporatation and Warehousing	45,188	49,856	52,593	55,338	58,095	60,870	63,673	66,517	69,418	72,395	75,461	78,614	81,842	85,141
Information	644,501	569,391	608,185	647,698	687,933	728,920	770,725	813,452	857,245	902,292	948,717	996,478	1,036,529	1,077,430
Finance and Insurance	80,909	98,108	101,208	106,056	110,900	115,755	120,641	125,584	130,616	135,775	141,085	146,543	152,563	158,717
Real Estate and Rental and Leasing	77,264	79,456	84,991	88,756	92,521	96,300	100,108	103,963	107,888	111,910	116,046	120,292	125,117	130,046
Professional, Scientific, and Technical Services	87,781	103,537	109,009	114,482	119,967	125,478	131,037	136,670	142,409	148,295	154,352	160,577	167,136	173,840
Management of Companies and Enterprises	15,322	21,335	22,522	23,710	24,901	26,097	27,304	28,527	29,773	31,052	32,370	33,725	35,124	36,554
Administrative and Support and Waste Management	80,880	81,780	86,689	91,656	96,686	101,786	106,968	112,249	117,652	123,203	128,922	134,804	140,247	145,808
Educational Services	4,329	5,413	5,604	5,786	5,963	6,134	6,301	6,467	6,633	6,801	6,974	7,151	7,447	7,750
Health Care and Social Assistance	189,812	208,725	219,359	229,986	240,626	251,313	262,086	272,998	284,115	295,514	307,245	319,297	332,296	345,580
Arts, Entertainment, and Recreation	19,462	17,495	18,440	19,393	20,356	21,330	22,319	23,325	24,353	25,408	26,493	27,608	28,704	29,823
Accommodation and Food Services	115,670	115,688	120,274	124,784	129,235	133,652	138,060	142,490	146,977	151,561	156,266	161,089	167,577	174,203
Other Services (except Public Administration)	99,749	98,051	102,702	107,336	111,967	116,609	121,283	126,011	130,825	135,757	140,830	146,039	151,942	157,971
Government	138,132	162,228	167,255	172,054	176,663	181,121	185,476	189,777	194,078	198,440	202,900	207,455	215,882	224,492

Rockdale County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	12,126	12,585	13,051	13,524	14,003	14,489	14,979	15,475	15,975	16,478	16,984	17,493	18,003	18,515
Mining	12,893	13,393	13,902	14,418	14,943	15,474	16,011	16,554	17,102	17,654	18,209	18,768	19,328	19,890
Utilities	28,112	29,198	30,303	31,425	32,564	33,718	34,885	36,065	37,255	38,454	39,661	40,875	42,093	43,313
Construction	456,192	473,348	490,785	508,484	526,424	544,583	562,941	581,474	600,162	618,981	637,908	656,921	675,997	695,099
Manufacturing	1,871,897	1,945,024	2,019,446	2,095,078	2,171,831	2,249,613	2,328,331	2,407,889	2,488,190	2,569,135	2,650,621	2,732,545	2,814,804	2,897,241
Wholesale Trade	689,709	716,208	743,162	770,542	798,313	826,443	854,900	883,647	912,652	941,877	971,287	1,000,846	1,030,516	1,060,241
Retail Trade	503,732	522,887	542,364	562,140	582,192	602,496	623,029	643,765	664,680	685,749	706,944	728,241	749,613	771,020
Transporatation and Warehousing	88,507	91,938	95,428	98,974	102,572	106,218	109,906	113,633	117,395	121,185	125,001	128,836	132,687	136,545
Information	1,119,136	1,161,597	1,204,763	1,248,585	1,293,010	1,337,986	1,383,460	1,429,375	1,475,678	1,522,312	1,569,219	1,616,343	1,663,625	1,710,977
Finance and Insurance	164,998	171,399	177,911	184,529	191,243	198,047	204,931	211,887	218,908	225,984	233,106	240,266	247,455	254,658
Real Estate and Rental and Leasing	135,072	140,190	145,393	150,676	156,033	161,456	166,940	172,478	178,064	183,690	189,350	195,036	200,743	206,459
Professional, Scientific, and Technical Services	180,680	187,650	194,741	201,944	209,252	216,656	224,146	231,715	239,352	247,048	254,793	262,579	270,395	278,227
Management of Companies and Enterprises	38,014	39,502	41,017	42,557	44,119	45,703	47,306	48,926	50,562	52,210	53,870	55,539	57,215	58,895
Administrative and Support and Waste Management	151,479	157,255	163,129	169,094	175,143	181,268	187,464	193,721	200,033	206,392	212,791	219,220	225,672	232,136
Educational Services	8,060	8,375	8,696	9,023	9,354	9,690	10,029	10,373	10,720	11,069	11,421	11,775	12,130	12,487
Health Care and Social Assistance	359,132	372,938	386,982	401,247	415,717	430,375	445,202	460,181	475,295	490,523	505,849	521,252	536,713	552,203
Arts, Entertainment, and Recreation	30,964	32,125	33,304	34,502	35,715	36,944	38,185	39,438	40,702	41,974	43,254	44,539	45,829	47,120
Accommodation and Food Services	180,961	187,843	194,840	201,945	209,149	216,444	223,820	231,270	238,784	246,353	253,967	261,618	269,296	276,987
Other Services (except Public Administration)	164,121	170,385	176,754	183,222	189,781	196,423	203,141	209,925	216,769	223,664	230,601	237,572	244,567	251,575
Government	233,275	242,222	251,321	260,564	269,937	279,431	289,035	298,735	308,522	318,382	328,304	338,276	348,284	358,310

Appendix D:
Baseline Output by Industry

Rockdale County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	19,026	19,539	20,051	20,564	21,077	21,589	22,102	22,614	23,125	23,635	24,145	24,654	25,161	25,668
Mining	20,452	21,015	21,579	22,142	22,706	23,270	23,834	24,396	24,959	25,520	26,080	26,639	27,196	27,752
Utilities	44,535	45,759	46,984	48,210	49,436	50,662	51,887	53,111	54,334	55,555	56,773	57,989	59,201	60,410
Construction	714,223	733,364	752,515	771,671	790,828	809,980	829,121	848,246	867,350	886,428	905,473	924,482	943,449	962,368
Manufacturing	2,979,826	3,062,527	3,145,312	3,228,150	3,311,010	3,393,859	3,476,667	3,559,401	3,642,029	3,724,519	3,806,840	3,888,959	3,970,844	4,052,465
Wholesale Trade	1,090,012	1,119,819	1,149,650	1,179,497	1,209,349	1,239,196	1,269,027	1,298,833	1,328,604	1,358,328	1,387,997	1,417,600	1,447,126	1,476,566
Retail Trade	792,455	813,912	835,384	856,865	878,347	899,825	921,290	942,738	964,161	985,552	1,006,906	1,028,215	1,049,472	1,070,671
Transporatation and Warehousing	140,410	144,280	148,154	152,030	155,907	159,783	163,658	167,529	171,396	175,256	179,109	182,953	186,787	190,609
Information	1,758,384	1,805,833	1,853,310	1,900,799	1,948,288	1,995,761	2,043,206	2,090,608	2,137,953	2,185,228	2,232,419	2,279,511	2,326,492	2,373,347
Finance and Insurance	261,874	269,099	276,331	283,568	290,806	298,043	305,277	312,505	319,723	326,930	334,123	341,299	348,455	355,589
Real Estate and Rental and Leasing	212,182	217,911	223,644	229,379	235,114	240,848	246,580	252,306	258,026	263,738	269,440	275,131	280,808	286,470
Professional, Scientific, and Technical Services	286,071	293,925	301,786	309,652	317,520	325,386	333,249	341,105	348,951	356,786	364,605	372,406	380,187	387,945
Management of Companies and Enterprises	60,577	62,262	63,949	65,637	67,326	69,014	70,702	72,388	74,072	75,753	77,430	79,104	80,772	82,436
Administrative and Support and Waste Management	238,609	245,089	251,573	258,061	264,549	271,036	277,520	283,999	290,469	296,931	303,380	309,816	316,236	322,639
Educational Services	12,843	13,201	13,559	13,916	14,275	14,633	14,991	15,348	15,705	16,062	16,418	16,773	17,127	17,479
Health Care and Social Assistance	567,717	583,250	598,796	614,350	629,907	645,461	661,007	676,540	692,055	707,545	723,007	738,433	753,820	769,162
Arts, Entertainment, and Recreation	48,413	49,706	51,000	52,295	53,590	54,884	56,177	57,470	58,761	60,050	61,337	62,622	63,904	65,183
Accommodation and Food Services	284,687	292,396	300,109	307,826	315,544	323,259	330,971	338,676	346,372	354,056	361,727	369,382	377,019	384,634
Other Services (except Public Administration)	258,592	265,617	272,647	279,680	286,714	293,746	300,775	307,797	314,811	321,815	328,806	335,782	342,741	349,680
Government	368,351	378,404	388,464	398,529	408,596	418,660	428,719	438,769	448,807	458,830	468,833	478,815	488,771	498,697

Rockdale County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	26,172	26,675	27,177	27,676	28,174	28,669	29,162	29,652	30,139	30,624	31,106	31,585	32,061
Mining	28,305	28,857	29,406	29,953	30,496	31,037	31,575	32,110	32,641	33,168	33,692	34,211	34,726
Utilities	61,614	62,814	64,009	65,198	66,382	67,560	68,730	69,894	71,049	72,197	73,337	74,467	75,588
Construction	981,235	1,000,043	1,018,788	1,037,465	1,056,068	1,074,591	1,093,031	1,111,380	1,129,635	1,147,790	1,165,839	1,183,778	1,201,600
Manufacturing	4,133,787	4,214,780	4,295,412	4,375,650	4,455,464	4,534,820	4,613,687	4,692,034	4,769,828	4,847,039	4,923,635	4,999,584	5,074,856
Wholesale Trade	1,505,909	1,535,145	1,564,264	1,593,256	1,622,111	1,650,818	1,679,368	1,707,750	1,735,954	1,763,970	1,791,788	1,819,398	1,846,791
Retail Trade	1,091,806	1,112,870	1,133,856	1,154,758	1,175,569	1,196,282	1,216,891	1,237,389	1,257,770	1,278,027	1,298,153	1,318,142	1,337,987
Transporatation and Warehousing	194,418	198,213	201,991	205,753	209,495	213,218	216,919	220,597	224,251	227,879	231,480	235,053	238,596
Information	2,420,062	2,466,625	2,513,021	2,559,237	2,605,259	2,651,073	2,696,666	2,742,023	2,787,132	2,831,978	2,876,547	2,920,826	2,964,801
Finance and Insurance	362,698	369,779	376,830	383,848	390,830	397,774	404,677	411,536	418,349	425,114	431,826	438,485	445,086
Real Estate and Rental and Leasing	292,115	297,742	303,348	308,932	314,493	320,028	325,536	331,015	336,463	341,879	347,261	352,607	357,916
Professional, Scientific, and Technical Services	395,676	403,378	411,048	418,684	426,283	433,841	441,356	448,826	456,247	463,616	470,932	478,191	485,390
Management of Companies and Enterprises	84,093	85,743	87,385	89,020	90,646	92,262	93,868	95,463	97,047	98,619	100,178	101,724	103,255
Administrative and Support and Waste Management	329,021	335,381	341,718	348,028	354,309	360,561	366,780	372,965	379,113	385,223	391,292	397,319	403,301
Educational Services	17,831	18,181	18,529	18,876	19,221	19,563	19,904	20,242	20,578	20,912	21,242	21,570	21,895
Health Care and Social Assistance	784,453	799,688	814,862	829,969	845,005	859,963	874,839	889,627	904,321	918,918	933,410	947,794	962,064
Arts, Entertainment, and Recreation	66,458	67,729	68,997	70,259	71,517	72,770	74,018	75,259	76,494	77,723	78,944	80,159	81,366
Accommodation and Food Services	392,227	399,794	407,333	414,842	422,318	429,759	437,162	444,526	451,848	459,125	466,355	473,536	480,665
Other Services (except Public Administration)	356,598	363,492	370,359	377,198	384,007	390,783	397,523	404,227	410,890	417,512	424,090	430,622	437,105
Government	508,592	518,451	528,271	538,048	547,780	557,462	567,092	576,667	586,182	595,635	605,021	614,339	623,584

Appendix D:
Baseline Output by Industry

Atlanta East

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	156,052	150,787	154,076	157,292	160,458	163,596	166,728	169,876	173,061	176,307	179,627	183,018	189,871	196,855
Mining	22,037	19,231	19,381	19,494	19,575	19,630	19,662	19,678	19,682	19,678	19,669	19,656	20,416	21,191
Utilities	148,387	111,727	114,813	117,870	120,911	123,952	127,009	130,096	133,234	136,439	139,723	143,084	148,489	153,999
Construction	432,622	434,157	443,788	453,319	462,805	472,295	481,839	491,488	501,292	511,303	521,552	532,029	551,718	571,778
Manufacturing	2,225,886	2,278,769	2,355,060	2,431,235	2,507,551	2,584,289	2,661,758	2,740,302	2,820,303	2,902,186	2,986,210	3,072,298	3,189,442	3,308,912
Wholesale Trade	235,258	222,809	235,576	248,685	262,137	275,934	290,087	304,607	319,516	334,839	350,589	366,753	380,482	394,477
Retail Trade	420,539	447,645	466,562	485,766	505,284	525,150	545,404	566,092	587,268	608,995	631,309	654,190	678,768	703,822
Transporatation and Warehousing	145,600	175,002	182,476	190,035	197,692	205,463	213,367	221,426	229,666	238,117	246,796	255,696	265,412	275,320
Information	58,254	71,974	75,805	79,736	83,767	87,902	92,142	96,492	100,956	105,541	110,250	115,076	119,321	123,645
Finance and Insurance	178,122	190,109	198,280	206,375	214,576	222,898	231,361	239,990	248,813	257,863	267,160	276,695	287,222	297,958
Real Estate and Rental and Leasing	119,260	117,408	121,466	125,738	130,066	134,458	138,927	143,483	148,142	152,918	157,820	162,843	168,928	175,129
Professional, Scientific, and Technical Services	75,774	87,304	91,623	96,013	100,478	105,026	109,663	114,401	119,252	124,232	129,350	134,601	139,735	144,971
Management of Companies and Enterprises	38,469	40,820	42,626	44,464	46,337	48,248	50,199	52,195	54,239	56,338	58,493	60,704	62,981	65,302
Administrative and Support and Waste Management	126,202	159,597	166,679	173,884	181,223	188,704	196,342	204,150	212,148	220,357	228,790	237,439	246,353	255,439
Educational Services	31,752	40,648	41,522	42,397	43,276	44,162	45,059	45,970	46,899	47,849	48,822	49,818	51,640	53,495
Health Care and Social Assistance	233,824	256,653	266,465	276,441	286,595	296,945	307,508	318,305	329,360	340,700	352,340	364,269	377,759	391,505
Arts, Entertainment, and Recreation	15,487	15,005	15,646	16,306	16,985	17,684	18,404	19,143	19,902	20,681	21,480	22,298	23,092	23,899
Accommodation and Food Services	128,204	131,145	135,286	139,438	143,615	147,830	152,098	156,435	160,859	165,388	170,032	174,788	181,335	188,009
Other Services (except Public Administration)	157,654	162,738	168,786	174,896	181,084	187,363	193,749	200,260	206,916	213,740	220,745	227,925	236,471	245,182
Government	414,075	442,592	452,438	462,089	471,608	481,053	490,487	499,974	509,577	519,368	529,385	539,620	559,871	580,514

Atlanta East *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	203,963	211,185	218,513	225,940	233,455	241,051	248,718	256,449	264,234	272,064	279,930	287,824	295,736	303,651
Mining	21,980	22,783	23,599	24,425	25,263	26,110	26,966	27,829	28,699	29,574	30,454	31,337	32,223	33,110
Utilities	159,609	165,310	171,098	176,964	182,902	188,906	194,968	201,081	207,238	213,433	219,658	225,905	232,169	238,436
Construction	592,184	612,914	633,942	655,244	676,796	698,573	720,550	742,701	765,002	787,428	809,953	832,551	855,198	877,852
Manufacturing	3,430,566	3,554,264	3,679,862	3,807,214	3,936,172	4,066,587	4,198,307	4,331,180	4,465,051	4,599,765	4,735,165	4,871,091	5,007,386	5,143,801
Wholesale Trade	408,720	423,195	437,884	452,771	467,839	483,070	498,447	513,951	529,566	545,273	561,055	576,893	592,769	608,654
Retail Trade	729,321	755,236	781,536	808,191	835,170	862,442	889,975	917,738	945,699	973,825	1,002,085	1,030,446	1,058,875	1,087,321
Transporatation and Warehousing	285,409	295,665	306,078	316,635	327,324	338,132	349,048	360,058	371,150	382,311	393,528	404,788	416,078	427,377
Information	128,043	132,511	137,042	141,632	146,276	150,967	155,701	160,472	165,275	170,105	174,955	179,821	184,697	189,574
Finance and Insurance	308,889	320,002	331,286	342,727	354,312	366,027	377,858	389,792	401,815	413,914	426,073	438,279	450,518	462,767
Real Estate and Rental and Leasing	181,440	187,852	194,360	200,954	207,627	214,372	221,181	228,045	234,958	241,912	248,897	255,907	262,934	269,964
Professional, Scientific, and Technical Services	150,302	155,724	161,228	166,810	172,463	178,179	183,953	189,778	195,646	201,552	207,487	213,446	219,422	225,402
Management of Companies and Enterprises	67,664	70,065	72,501	74,971	77,471	79,998	82,549	85,122	87,713	90,320	92,939	95,568	98,203	100,840
Administrative and Support and Waste Management	264,687	274,086	283,625	293,292	303,077	312,968	322,954	333,024	343,166	353,367	363,617	373,904	384,216	394,534
Educational Services	55,383	57,300	59,244	61,214	63,206	65,219	67,250	69,297	71,358	73,430	75,511	77,598	79,690	81,783
Health Care and Social Assistance	405,492	419,701	434,118	448,724	463,504	478,440	493,516	508,713	524,016	539,405	554,865	570,377	585,924	601,478
Arts, Entertainment, and Recreation	24,720	25,552	26,396	27,250	28,113	28,984	29,863	30,748	31,638	32,532	33,429	34,329	35,231	36,132
Accommodation and Food Services	194,800	201,701	208,704	215,801	222,984	230,244	237,573	244,962	252,404	259,890	267,410	274,957	282,522	290,090
Other Services (except Public Administration)	254,047	263,056	272,198	281,463	290,841	300,319	309,888	319,536	329,253	339,027	348,847	358,701	368,579	378,462
Government	601,523	622,874	644,544	666,505	688,733	711,203	733,888	756,762	779,799	802,973	826,256	849,623	873,047	896,484

Appendix D:
Baseline Output by Industry

Atlanta East *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	311,570	319,491	327,412	335,333	343,253	351,171	359,085	366,995	374,900	382,798	390,690	398,573	406,446	414,310
Mining	33,997	34,885	35,773	36,662	37,550	38,437	39,325	40,212	41,097	41,982	42,866	43,748	44,629	45,508
Utilities	244,707	250,980	257,254	263,528	269,802	276,074	282,343	288,609	294,870	301,126	307,375	313,617	319,851	326,075
Construction	900,511	923,173	945,835	968,496	991,151	1,013,800	1,036,441	1,059,070	1,081,686	1,104,287	1,126,870	1,149,433	1,171,975	1,194,492
Manufacturing	5,280,311	5,416,889	5,553,511	5,690,152	5,826,786	5,963,388	6,099,934	6,236,399	6,372,758	6,508,985	6,645,058	6,780,950	6,916,638	7,052,096
Wholesale Trade	624,547	640,444	656,345	672,246	688,145	704,040	719,929	735,810	751,681	767,540	783,384	799,211	815,019	830,807
Retail Trade	1,115,780	1,144,247	1,172,719	1,201,191	1,229,660	1,258,120	1,286,569	1,315,003	1,343,416	1,371,806	1,400,169	1,428,501	1,456,797	1,485,054
Transporatation and Warehousing	438,683	449,995	461,310	472,626	483,942	495,255	506,565	517,867	529,162	540,446	551,718	562,977	574,220	585,445
Information	194,451	199,330	204,208	209,085	213,961	218,836	223,709	228,579	233,447	238,311	243,172	248,029	252,881	257,729
Finance and Insurance	475,024	487,287	499,554	511,822	524,089	536,353	548,612	560,864	573,107	585,337	597,555	609,756	621,940	634,103
Real Estate and Rental and Leasing	276,996	284,031	291,066	298,102	305,136	312,168	319,198	326,224	333,245	340,261	347,271	354,274	361,268	368,254
Professional, Scientific, and Technical Services	231,387	237,375	243,365	249,356	255,347	261,336	267,323	273,306	279,285	285,258	291,224	297,182	303,131	309,070
Management of Companies and Enterprises	103,479	106,118	108,758	111,398	114,037	116,676	119,315	121,951	124,586	127,219	129,850	132,478	135,102	137,723
Administrative and Support and Waste Management	404,857	415,183	425,511	435,839	446,166	456,491	466,811	477,126	487,433	497,733	508,022	518,300	528,566	538,817
Educational Services	83,876	85,969	88,062	90,155	92,248	94,341	96,433	98,524	100,614	102,703	104,790	106,877	108,961	111,044
Health Care and Social Assistance	617,038	632,600	648,165	663,729	679,291	694,849	710,403	725,949	741,486	757,013	772,528	788,029	803,515	818,984
Arts, Entertainment, and Recreation	37,033	37,933	38,834	39,734	40,634	41,534	42,433	43,333	44,232	45,131	46,029	46,928	47,826	48,724
Accommodation and Food Services	297,662	305,236	312,811	320,385	327,959	335,531	343,099	350,663	358,223	365,776	373,322	380,861	388,390	395,910
Other Services (except Public Administration)	388,350	398,240	408,132	418,024	427,914	437,802	447,685	457,564	467,435	477,299	487,154	496,997	506,829	516,648
Government	919,932	943,386	966,845	990,304	1,013,760	1,037,210	1,060,650	1,084,077	1,107,488	1,130,880	1,154,249	1,177,592	1,200,906	1,224,188

Atlanta East *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	422,162	430,002	437,829	445,642	453,439	461,221	468,986	476,732	484,460	492,167	499,853	507,518	515,159
Mining	46,386	47,261	48,134	49,005	49,873	50,738	51,600	52,460	53,316	54,168	55,017	55,862	56,703
Utilities	332,289	338,492	344,683	350,861	357,025	363,173	369,307	375,423	381,521	387,601	393,661	399,700	405,718
Construction	1,216,984	1,239,448	1,261,881	1,284,282	1,306,649	1,328,979	1,351,270	1,373,521	1,395,728	1,417,890	1,440,005	1,462,069	1,484,081
Manufacturing	7,187,301	7,322,228	7,456,852	7,591,149	7,725,095	7,858,664	7,991,832	8,124,575	8,256,867	8,388,684	8,520,002	8,650,794	8,781,037
Wholesale Trade	846,572	862,311	878,024	893,707	909,359	924,978	940,561	956,106	971,612	987,075	1,002,495	1,017,868	1,033,192
Retail Trade	1,513,269	1,541,436	1,569,553	1,597,616	1,625,621	1,653,563	1,681,439	1,709,245	1,736,978	1,764,632	1,792,204	1,819,691	1,847,087
Transporatation and Warehousing	596,650	607,834	618,994	630,130	641,238	652,317	663,365	674,381	685,362	696,306	707,211	718,076	728,899
Information	262,571	267,408	272,239	277,063	281,880	286,691	291,494	296,288	301,075	305,852	310,620	315,379	320,127
Finance and Insurance	646,244	658,361	670,452	682,514	694,545	706,544	718,508	730,434	742,322	754,168	765,970	777,727	789,436
Real Estate and Rental and Leasing	375,230	382,195	389,149	396,091	403,019	409,933	416,833	423,716	430,583	437,433	444,263	451,075	457,866
Professional, Scientific, and Technical Services	314,998	320,914	326,816	332,704	338,576	344,432	350,270	356,089	361,888	367,666	373,422	379,154	384,863
Management of Companies and Enterprises	140,340	142,952	145,560	148,163	150,761	153,353	155,938	158,517	161,089	163,654	166,212	168,761	171,301
Administrative and Support and Waste Management	549,053	559,273	569,474	579,655	589,815	599,953	610,067	620,155	630,217	640,251	650,254	660,227	670,167
Educational Services	113,125	115,204	117,281	119,355	121,427	123,496	125,562	127,625	129,685	131,741	133,794	135,843	137,888
Health Care and Social Assistance	834,434	849,864	865,272	880,656	896,015	911,347	926,650	941,923	957,164	972,372	987,544	1,002,678	1,017,774
Arts, Entertainment, and Recreation	49,621	50,519	51,416	52,314	53,211	54,107	55,004	55,900	56,797	57,693	58,589	59,485	60,380
Accommodation and Food Services	403,418	410,915	418,399	425,869	433,324	440,764	448,187	455,593	462,980	470,347	477,693	485,018	492,320
Other Services (except Public Administration)	526,453	536,241	546,013	555,767	565,500	575,213	584,904	594,572	604,214	613,830	623,419	632,979	642,509
Government	1,247,435	1,270,643	1,293,810	1,316,931	1,340,004	1,363,026	1,385,993	1,408,902	1,431,750	1,454,533	1,477,249	1,499,894	1,522,464

Appendix D:
Baseline Output by Industry

Atlanta North

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	130,727	136,407	142,496	148,224	153,624	158,745	163,648	168,409	173,116	177,868	182,731	187,702	196,308	205,140
Mining	24,133	22,402	22,996	23,490	23,893	24,219	24,479	24,688	24,863	25,017	25,162	25,297	26,455	27,642
Utilities	264,148	187,577	196,442	204,921	213,056	220,905	228,545	236,068	243,584	251,219	259,055	267,088	279,071	291,358
Construction	845,959	858,160	897,004	933,775	968,675	1,001,997	1,034,115	1,065,483	1,096,627	1,128,146	1,160,437	1,193,481	1,247,591	1,303,094
Manufacturing	3,832,867	3,790,999	4,398,812	5,039,732	5,710,337	6,408,098	7,131,681	7,881,219	8,658,549	9,467,440	10,311,003	11,188,758	11,713,847	12,253,170
Wholesale Trade	915,756	918,410	994,870	1,072,023	1,149,770	1,228,160	1,307,400	1,387,874	1,470,149	1,554,995	1,642,962	1,733,998	1,814,543	1,897,242
Retail Trade	592,234	638,737	680,784	722,385	763,569	804,453	845,240	886,229	927,812	970,482	1,014,580	1,060,079	1,108,833	1,158,877
Transporatation and Warehousing	228,828	260,753	278,588	296,335	314,002	331,630	349,295	367,110	385,229	403,842	423,085	442,944	463,098	483,774
Information	233,939	183,328	202,715	222,648	243,065	263,938	285,280	307,148	329,653	352,958	377,188	402,330	421,168	440,516
Finance and Insurance	307,523	373,508	394,652	419,115	443,288	467,240	491,096	515,038	539,309	564,214	589,966	616,548	645,326	674,883
Real Estate and Rental and Leasing	312,698	322,497	344,739	362,983	380,890	398,532	416,020	433,503	451,169	469,241	487,875	507,058	529,929	553,387
Professional, Scientific, and Technical Services	298,299	401,800	435,767	470,067	504,652	539,538	574,814	610,650	647,295	685,092	724,286	764,854	800,487	837,078
Management of Companies and Enterprises	120,851	78,538	84,438	90,287	96,080	101,830	107,564	113,325	119,172	125,182	131,410	137,852	144,535	151,409
Administrative and Support and Waste Management	269,833	304,448	325,132	345,749	366,304	386,844	407,452	428,256	449,427	471,181	493,671	516,880	540,241	564,204
Educational Services	7,126	8,714	9,160	9,582	9,984	10,366	10,735	11,094	11,451	11,812	12,183	12,563	13,157	13,767
Health Care and Social Assistance	271,240	301,104	321,157	341,057	360,818	380,491	400,166	419,979	440,107	460,773	482,133	504,172	527,157	550,741
Arts, Entertainment, and Recreation	86,124	90,855	97,885	104,887	111,857	118,803	125,756	132,761	139,886	147,216	154,814	162,675	170,499	178,545
Accommodation and Food Services	207,355	216,148	228,101	239,698	250,970	261,974	272,794	283,539	294,344	305,370	316,724	328,401	343,443	358,881
Other Services (except Public Administration)	240,736	254,821	270,561	286,001	301,164	316,106	330,920	345,731	360,703	376,035	391,866	408,185	427,066	446,450
Government	436,740	473,284	494,750	514,976	534,073	552,209	569,599	586,506	603,235	620,136	637,439	655,135	685,211	716,080

Atlanta North *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	214,190	223,449	232,906	242,550	252,370	262,355	272,492	282,769	293,172	303,687	314,300	324,996	335,762	346,574
Mining	28,859	30,103	31,373	32,668	33,987	35,327	36,687	38,065	39,460	40,869	42,291	43,724	45,165	46,613
Utilities	303,935	316,789	329,906	343,270	356,867	370,679	384,689	398,881	413,236	427,734	442,357	457,085	471,898	486,766
Construction	1,359,933	1,418,047	1,477,371	1,537,838	1,599,377	1,661,913	1,725,369	1,789,666	1,854,720	1,920,446	1,986,755	2,053,557	2,120,758	2,188,227
Manufacturing	12,806,190	13,372,330	13,950,974	14,541,471	15,143,130	15,755,229	16,377,006	17,007,667	17,646,387	18,292,309	18,944,543	19,602,173	20,264,256	20,929,465
Wholesale Trade	1,982,012	2,068,763	2,157,401	2,247,826	2,339,931	2,433,607	2,528,737	2,625,201	2,722,871	2,821,618	2,921,308	3,021,800	3,122,952	3,224,562
Retail Trade	1,210,160	1,262,628	1,316,225	1,370,888	1,426,555	1,483,159	1,540,630	1,598,895	1,657,879	1,717,504	1,777,687	1,838,348	1,899,398	1,960,718
Transporatation and Warehousing	504,951	526,608	548,720	571,262	594,208	617,530	641,199	665,185	689,458	713,986	738,735	763,671	788,760	813,952
Information	460,356	480,665	501,423	522,605	544,188	566,144	588,448	611,069	633,980	657,148	680,543	704,131	727,878	751,737
Finance and Insurance	705,190	736,214	767,922	800,279	833,247	866,786	900,856	935,412	970,409	1,005,801	1,041,540	1,077,575	1,113,854	1,150,305
Real Estate and Rental and Leasing	577,409	601,969	627,039	652,592	678,597	705,022	731,837	759,006	786,495	814,268	842,288	870,516	898,913	927,424
Professional, Scientific, and Technical Services	874,590	912,985	952,221	992,253	1,033,035	1,074,518	1,116,650	1,159,378	1,202,646	1,246,396	1,290,569	1,335,102	1,379,933	1,424,970
Management of Companies and Enterprises	158,468	165,706	173,113	180,683	188,407	196,275	204,278	212,405	220,646	228,989	237,423	245,936	254,514	263,141
Administrative and Support and Waste Management	588,743	613,833	639,445	665,551	692,120	719,120	746,519	774,280	802,369	830,749	859,382	888,229	917,249	946,385
Educational Services	14,393	15,035	15,691	16,360	17,043	17,738	18,444	19,160	19,886	20,620	21,362	22,110	22,864	23,621
Health Care and Social Assistance	574,899	599,605	624,833	650,553	676,736	703,350	730,363	757,739	785,445	813,442	841,694	870,161	898,804	927,567
Arts, Entertainment, and Recreation	186,805	195,271	203,934	212,784	221,811	231,004	240,352	249,843	259,464	269,203	279,045	288,977	298,984	309,046
Accommodation and Food Services	374,698	390,878	407,403	424,254	441,413	458,858	476,567	494,519	512,690	531,055	549,591	568,272	587,071	605,951
Other Services (except Public Administration)	466,318	486,647	507,417	528,604	550,182	572,127	594,410	617,005	639,880	663,007	686,353	709,885	733,571	757,364
Government	747,711	780,069	813,121	846,827	881,150	916,047	951,476	987,392	1,023,748	1,060,496	1,097,586	1,134,967	1,172,587	1,210,369

Appendix D:
Baseline Output by Industry

Atlanta North *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	357,426	368,312	379,225	390,157	401,101	412,051	422,999	433,938	444,860	455,758	466,624	477,452	488,233	498,959
Mining	48,065	49,522	50,981	52,443	53,907	55,371	56,834	58,296	59,756	61,212	62,664	64,111	65,552	66,985
Utilities	501,681	516,634	531,617	546,622	561,639	576,659	591,675	606,675	621,653	636,599	651,503	666,356	681,150	695,875
Construction	2,255,922	2,323,804	2,391,832	2,459,965	2,528,161	2,596,378	2,664,573	2,732,705	2,800,730	2,868,605	2,936,286	3,003,731	3,070,896	3,137,736
Manufacturing	21,597,355	22,267,475	22,939,367	23,612,566	24,286,604	24,961,004	25,635,288	26,308,972	26,981,567	27,652,585	28,321,531	28,987,910	29,651,226	30,310,980
Wholesale Trade	3,326,564	3,428,892	3,531,478	3,634,254	3,737,149	3,840,095	3,943,020	4,045,853	4,148,522	4,250,955	4,353,080	4,454,823	4,556,111	4,656,871
Retail Trade	2,022,269	2,084,011	2,145,905	2,207,910	2,269,987	2,332,093	2,394,188	2,456,230	2,518,176	2,579,984	2,641,611	2,703,015	2,764,152	2,824,980
Transporatation and Warehousing	839,232	864,585	889,995	915,446	940,923	966,410	991,891	1,017,348	1,042,767	1,068,130	1,093,421	1,118,623	1,143,721	1,168,696
Information	775,693	799,728	823,827	847,972	872,148	896,337	920,522	944,686	968,812	992,881	1,016,876	1,040,779	1,064,574	1,088,241
Finance and Insurance	1,186,904	1,223,627	1,260,447	1,297,341	1,334,283	1,371,246	1,408,205	1,445,133	1,482,004	1,518,790	1,555,465	1,592,001	1,628,372	1,664,551
Real Estate and Rental and Leasing	956,031	984,718	1,013,468	1,042,263	1,071,086	1,099,919	1,128,745	1,157,545	1,186,302	1,214,997	1,243,612	1,272,128	1,300,529	1,328,794
Professional, Scientific, and Technical Services	1,470,186	1,515,549	1,561,030	1,606,598	1,652,221	1,697,869	1,743,509	1,789,109	1,834,637	1,880,060	1,925,345	1,970,461	2,015,373	2,060,049
Management of Companies and Enterprises	271,811	280,515	289,249	298,005	306,775	315,554	324,334	333,108	341,868	350,607	359,317	367,993	376,625	385,206
Administrative and Support and Waste Management	975,621	1,004,938	1,034,320	1,063,748	1,093,205	1,122,672	1,152,131	1,181,564	1,210,952	1,240,277	1,269,519	1,298,660	1,327,682	1,356,564
Educational Services	24,382	25,146	25,911	26,678	27,447	28,216	28,985	29,753	30,520	31,285	32,048	32,808	33,565	34,317
Health Care and Social Assistance	956,430	985,378	1,014,391	1,043,453	1,072,544	1,101,646	1,130,741	1,159,809	1,188,833	1,217,792	1,246,668	1,275,441	1,304,093	1,332,603
Arts, Entertainment, and Recreation	319,155	329,304	339,486	349,691	359,914	370,145	380,377	390,601	400,809	410,993	421,145	431,255	441,317	451,320
Accommodation and Food Services	624,900	643,907	662,959	682,045	701,151	720,266	739,378	758,472	777,537	796,560	815,527	834,427	853,246	871,970
Other Services (except Public Administration)	781,248	805,207	829,226	853,290	877,381	901,485	925,583	949,661	973,702	997,687	1,021,602	1,045,428	1,069,149	1,092,748
Government	1,248,292	1,286,331	1,324,461	1,362,658	1,400,897	1,439,154	1,477,402	1,515,616	1,553,771	1,591,840	1,629,797	1,667,616	1,705,272	1,742,737

Atlanta North *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	509,625	520,221	530,740	541,175	551,519	561,763	571,901	581,925	591,827	601,601	611,239	620,735	630,080
Mining	68,411	69,827	71,233	72,628	74,012	75,382	76,738	78,080	79,406	80,715	82,007	83,280	84,534
Utilities	710,522	725,082	739,546	753,904	768,148	782,269	796,257	810,103	823,799	837,336	850,705	863,897	876,903
Construction	3,204,210	3,270,272	3,335,879	3,400,988	3,465,555	3,529,537	3,592,891	3,655,574	3,717,544	3,778,759	3,839,176	3,898,754	3,957,452
Manufacturing	30,966,673	31,617,809	32,263,887	32,904,413	33,538,890	34,166,826	34,787,731	35,401,117	36,006,503	36,603,409	37,191,361	37,769,892	38,338,539
Wholesale Trade	4,757,029	4,856,513	4,955,249	5,053,163	5,150,183	5,246,236	5,341,251	5,435,154	5,527,876	5,619,346	5,709,493	5,798,248	5,885,544
Retail Trade	2,885,454	2,945,533	3,005,173	3,064,331	3,122,964	3,181,029	3,238,485	3,295,288	3,351,397	3,406,771	3,461,368	3,515,148	3,568,070
Transporatation and Warehousing	1,193,533	1,218,215	1,242,725	1,267,046	1,291,163	1,315,058	1,338,716	1,362,119	1,385,252	1,408,098	1,430,643	1,452,868	1,474,760
Information	1,111,763	1,135,123	1,158,302	1,181,283	1,204,048	1,226,579	1,248,859	1,270,871	1,292,597	1,314,020	1,335,123	1,355,890	1,376,304
Finance and Insurance	1,700,509	1,736,220	1,771,657	1,806,791	1,841,597	1,876,048	1,910,115	1,943,774	1,976,997	2,009,758	2,042,032	2,073,792	2,105,014
Real Estate and Rental and Leasing	1,356,906	1,384,846	1,412,596	1,440,137	1,467,452	1,494,521	1,521,327	1,547,852	1,574,078	1,599,988	1,625,562	1,650,785	1,675,638
Professional, Scientific, and Technical Services	2,104,455	2,148,559	2,192,327	2,235,727	2,278,725	2,321,289	2,363,387	2,404,985	2,446,053	2,486,557	2,526,467	2,565,752	2,604,381
Management of Companies and Enterprises	393,729	402,186	410,571	418,874	427,090	435,210	443,227	451,134	458,924	466,589	474,122	481,517	488,766
Administrative and Support and Waste Management	1,385,289	1,413,837	1,442,190	1,470,329	1,498,234	1,525,887	1,553,270	1,580,364	1,607,150	1,633,611	1,659,728	1,685,484	1,710,859
Educational Services	35,065	35,807	36,543	37,273	37,995	38,710	39,416	40,114	40,802	41,480	42,147	42,803	43,448
Health Care and Social Assistance	1,360,954	1,389,125	1,417,097	1,444,852	1,472,369	1,499,630	1,526,616	1,553,307	1,579,686	1,605,734	1,631,432	1,656,761	1,681,705
Arts, Entertainment, and Recreation	461,257	471,119	480,898	490,585	500,171	509,649	519,010	528,245	537,347	546,308	555,118	563,772	572,260
Accommodation and Food Services	890,587	909,085	927,449	945,667	963,726	981,613	999,315	1,016,819	1,034,114	1,051,185	1,068,022	1,084,611	1,100,940
Other Services (except Public Administration)	1,116,207	1,139,511	1,162,641	1,185,581	1,208,314	1,230,823	1,253,091	1,275,101	1,296,838	1,318,285	1,339,425	1,360,242	1,380,722
Government	1,779,985	1,816,991	1,853,726	1,890,167	1,926,285	1,962,056	1,997,453	2,032,450	2,067,022	2,101,144	2,134,790	2,167,936	2,200,557

Appendix D:
Baseline Output by Industry

Atlanta South

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	104,160	99,343	99,093	99,180	99,543	100,133	100,906	101,822	102,844	103,937	105,078	106,265	109,466	112,720
Mining	6,706	4,300	4,277	4,255	4,233	4,212	4,192	4,172	4,152	4,132	4,111	4,090	4,230	4,371
Utilities	103,392	91,239	91,693	92,364	93,218	94,223	95,354	96,586	97,898	99,270	100,689	102,152	105,448	108,803
Construction	177,796	186,628	187,392	188,605	190,206	192,135	194,341	196,771	199,376	202,104	204,921	207,823	214,300	220,879
Manufacturing	1,104,332	1,207,550	1,215,911	1,226,539	1,239,137	1,253,434	1,269,176	1,286,108	1,303,970	1,322,488	1,341,473	1,360,897	1,403,962	1,447,713
Wholesale Trade	283,281	167,192	173,776	180,848	188,378	196,330	204,670	213,357	222,346	231,586	241,038	250,692	258,613	266,657
Retail Trade	263,887	263,318	268,527	274,541	281,276	288,651	296,586	304,995	313,789	322,869	332,167	341,672	351,969	362,419
Transporatation and Warehousing	51,205	57,234	58,065	59,093	60,291	61,638	63,110	64,687	66,349	68,072	69,842	71,656	73,818	76,013
Information	47,967	60,465	63,748	67,209	70,835	74,618	78,548	82,617	86,819	91,148	95,601	100,172	103,704	107,303
Finance and Insurance	151,026	155,231	158,689	162,902	167,471	172,361	177,535	182,958	188,595	194,410	200,376	206,485	213,171	219,969
Real Estate and Rental and Leasing	85,008	80,759	82,549	84,198	86,037	88,043	90,193	92,467	94,842	97,299	99,822	102,407	105,669	108,985
Professional, Scientific, and Technical Services	28,025	33,632	34,349	35,157	36,045	37,005	38,027	39,102	40,222	41,377	42,562	43,775	45,170	46,588
Management of Companies and Enterprises	32,098	21,318	22,048	22,813	23,612	24,444	25,308	26,201	27,122	28,068	29,038	30,030	31,050	32,087
Administrative and Support and Waste Management	83,728	84,128	87,037	90,161	93,486	96,996	100,675	104,508	108,476	112,557	116,737	121,011	124,926	128,902
Educational Services	9,310	9,429	9,495	9,584	9,692	9,816	9,953	10,101	10,257	10,421	10,589	10,763	11,115	11,474
Health Care and Social Assistance	162,479	168,590	172,606	177,002	181,749	186,817	192,173	197,784	203,613	209,619	215,772	222,067	229,179	236,402
Arts, Entertainment, and Recreation	8,394	8,655	8,911	9,192	9,495	9,818	10,161	10,520	10,892	11,276	11,669	12,070	12,444	12,824
Accommodation and Food Services	72,203	75,844	76,596	77,567	78,732	80,066	81,544	83,142	84,832	86,588	88,391	90,237	92,924	95,650
Other Services (except Public Administration)	116,047	124,859	126,681	128,843	131,303	134,027	136,978	140,121	143,419	146,835	150,341	153,934	158,706	163,552
Government	295,130	305,672	305,844	306,864	308,601	310,941	313,776	317,007	320,536	324,267	328,137	332,139	342,263	352,545

Atlanta South *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	116,023	119,371	122,761	126,188	129,650	133,142	136,661	140,203	143,766	147,344	150,936	154,537	158,144	161,751
Mining	4,515	4,660	4,808	4,957	5,108	5,259	5,413	5,567	5,722	5,877	6,033	6,190	6,347	6,503
Utilities	112,213	115,673	119,180	122,730	126,320	129,944	133,600	137,283	140,989	144,716	148,458	152,212	155,975	159,739
Construction	227,551	234,309	241,146	248,053	255,022	262,047	269,120	276,234	283,382	290,556	297,750	304,958	312,171	319,378
Manufacturing	1,492,096	1,537,057	1,582,545	1,628,509	1,674,899	1,721,664	1,768,756	1,816,127	1,863,728	1,911,512	1,959,432	2,007,442	2,055,496	2,103,512
Wholesale Trade	274,814	283,076	291,431	299,872	308,388	316,970	325,610	334,298	343,026	351,785	360,567	369,363	378,166	386,959
Retail Trade	373,007	383,721	394,550	405,480	416,499	427,597	438,763	449,984	461,250	472,551	483,876	495,214	506,557	517,884
Transporatation and Warehousing	78,239	80,493	82,773	85,076	87,400	89,742	92,101	94,472	96,855	99,248	101,646	104,049	106,455	108,859
Information	110,964	114,682	118,454	122,276	126,142	130,049	133,993	137,968	141,971	145,997	150,041	154,100	158,168	162,239
Finance and Insurance	226,871	233,869	240,955	248,121	255,358	262,660	270,019	277,426	284,874	292,355	299,862	307,387	314,924	322,457
Real Estate and Rental and Leasing	112,352	115,765	119,220	122,714	126,243	129,803	133,390	137,001	140,631	144,278	147,937	151,604	155,277	158,949
Professional, Scientific, and Technical Services	48,029	49,490	50,970	52,467	53,979	55,505	57,043	58,592	60,150	61,716	63,287	64,863	66,441	68,019
Management of Companies and Enterprises	33,139	34,205	35,285	36,377	37,479	38,590	39,710	40,837	41,970	43,107	44,248	45,391	46,535	47,678
Administrative and Support and Waste Management	132,937	137,024	141,159	145,337	149,554	153,806	158,087	162,393	166,720	171,063	175,418	179,781	184,148	188,511
Educational Services	11,839	12,209	12,584	12,964	13,349	13,737	14,129	14,525	14,922	15,322	15,724	16,128	16,532	16,937
Health Care and Social Assistance	243,728	251,147	258,651	266,231	273,879	281,586	289,345	297,148	304,987	312,853	320,740	328,639	336,543	344,439
Arts, Entertainment, and Recreation	13,209	13,598	13,991	14,388	14,788	15,191	15,597	16,004	16,413	16,823	17,234	17,645	18,056	18,467
Accommodation and Food Services	98,411	101,203	104,024	106,870	109,738	112,625	115,529	118,445	121,373	124,308	127,249	130,192	133,136	136,074
Other Services (except Public Administration)	168,466	173,442	178,474	183,556	188,684	193,851	199,052	204,282	209,536	214,809	220,095	225,390	230,689	235,982
Government	362,972	373,531	384,210	394,998	405,882	416,852	427,895	439,002	450,160	461,360	472,590	483,840	495,099	506,350

Appendix D:
Baseline Output by Industry

Atlanta South ***(continued)***

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	165,358	168,968	172,579	176,194	179,813	183,437	187,066	190,701	194,343	197,992	201,650	205,317	208,993	212,680
Mining	6,660	6,816	6,973	7,129	7,285	7,442	7,598	7,755	7,911	8,067	8,224	8,381	8,537	8,694
Utilities	163,505	167,274	171,045	174,819	178,596	182,376	186,160	189,948	193,740	197,536	201,337	205,142	208,952	212,767
Construction	326,581	333,782	340,982	348,183	355,386	362,594	369,808	377,029	384,260	391,501	398,756	406,024	413,309	420,611
Manufacturing	2,151,501	2,199,473	2,247,439	2,295,407	2,343,389	2,391,395	2,439,433	2,487,514	2,535,648	2,583,845	2,632,114	2,680,465	2,728,907	2,777,451
Wholesale Trade	395,745	404,527	413,306	422,084	430,864	439,647	448,435	457,231	466,037	474,854	483,684	492,530	501,393	510,276
Retail Trade	529,200	540,509	551,814	563,120	574,429	585,746	597,075	608,419	619,782	631,167	642,579	654,020	665,496	677,008
Transporatation and Warehousing	111,262	113,664	116,067	118,470	120,876	123,284	125,695	128,109	130,528	132,952	135,382	137,817	140,260	142,710
Information	166,312	170,388	174,464	178,543	182,623	186,703	190,784	194,866	198,948	203,030	207,111	211,192	215,271	219,349
Finance and Insurance	329,990	337,523	345,056	352,591	360,130	367,672	375,219	382,771	390,331	397,898	405,473	413,058	420,654	428,261
Real Estate and Rental and Leasing	162,621	166,292	169,964	173,638	177,313	180,991	184,672	188,356	192,044	195,737	199,435	203,138	206,848	210,564
Professional, Scientific, and Technical Services	69,598	71,177	72,756	74,337	75,918	77,501	79,085	80,671	82,259	83,848	85,440	87,034	88,631	90,230
Management of Companies and Enterprises	48,821	49,963	51,104	52,245	53,386	54,527	55,668	56,809	57,950	59,091	60,233	61,376	62,519	63,663
Administrative and Support and Waste Management	192,871	197,229	201,586	205,942	210,298	214,655	219,015	223,376	227,742	232,111	236,486	240,867	245,254	249,649
Educational Services	17,342	17,747	18,153	18,559	18,965	19,372	19,779	20,187	20,595	21,003	21,412	21,821	22,230	22,640
Health Care and Social Assistance	352,328	360,212	368,093	375,973	383,853	391,734	399,620	407,510	415,408	423,315	431,232	439,161	447,104	455,062
Arts, Entertainment, and Recreation	18,877	19,287	19,696	20,105	20,514	20,924	21,334	21,744	22,154	22,565	22,977	23,390	23,804	24,219
Accommodation and Food Services	139,010	141,942	144,874	147,805	150,737	153,671	156,608	159,550	162,496	165,449	168,410	171,379	174,357	177,347
Other Services (except Public Administration)	241,271	246,559	251,845	257,131	262,419	267,710	273,006	278,307	283,616	288,933	294,260	299,597	304,947	310,311
Government	517,594	528,835	540,076	551,320	562,570	573,830	585,101	596,388	607,692	619,017	630,366	641,741	653,145	664,582

Atlanta South ***(continued)***

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	216,377	220,086	223,807	227,541	231,289	235,051	238,828	242,621	246,430	250,257	254,102	257,966	261,850
Mining	8,851	9,008	9,165	9,323	9,480	9,638	9,796	9,954	10,113	10,271	10,430	10,589	10,749
Utilities	216,587	220,413	224,244	228,081	231,924	235,773	239,628	243,490	247,359	251,236	255,119	259,011	262,910
Construction	427,932	435,273	442,638	450,026	457,440	464,882	472,352	479,854	487,387	494,956	502,560	510,202	517,883
Manufacturing	2,826,106	2,874,881	2,923,787	2,972,834	3,022,030	3,071,387	3,120,914	3,170,620	3,220,517	3,270,613	3,320,921	3,371,448	3,422,207
Wholesale Trade	519,181	528,109	537,062	546,043	555,054	564,096	573,172	582,284	591,433	600,623	609,854	619,129	628,450
Retail Trade	688,562	700,160	711,806	723,505	735,259	747,073	758,950	770,894	782,909	794,999	807,167	819,418	831,754
Transporatation and Warehousing	145,168	147,635	150,111	152,598	155,094	157,603	160,123	162,656	165,202	167,762	170,337	172,927	175,534
Information	223,426	227,501	231,574	235,644	239,711	243,776	247,837	251,895	255,949	259,999	264,044	268,085	272,121
Finance and Insurance	435,880	443,512	451,158	458,819	466,497	474,191	481,903	489,634	497,385	505,156	512,950	520,766	528,607
Real Estate and Rental and Leasing	214,287	218,019	221,758	225,506	229,264	233,031	236,809	240,597	244,398	248,210	252,035	255,873	259,726
Professional, Scientific, and Technical Services	91,833	93,438	95,047	96,659	98,274	99,894	101,517	103,145	104,776	106,413	108,054	109,701	111,352
Management of Companies and Enterprises	64,808	65,954	67,102	68,251	69,401	70,553	71,707	72,863	74,021	75,180	76,343	77,507	78,674
Administrative and Support and Waste Management	254,052	258,464	262,886	267,319	271,763	276,220	280,690	285,174	289,672	294,187	298,717	303,265	307,831
Educational Services	23,050	23,461	23,872	24,284	24,695	25,108	25,520	25,934	26,347	26,761	27,176	27,590	28,006
Health Care and Social Assistance	463,038	471,033	479,048	487,086	495,148	503,235	511,351	519,495	527,671	535,879	544,122	552,400	560,717
Arts, Entertainment, and Recreation	24,635	25,053	25,472	25,893	26,315	26,740	27,167	27,595	28,027	28,460	28,896	29,335	29,777
Accommodation and Food Services	180,348	183,362	186,390	189,433	192,493	195,569	198,664	201,778	204,914	208,070	211,250	214,453	217,682
Other Services (except Public Administration)	315,690	321,085	326,498	331,930	337,383	342,857	348,354	353,875	359,423	364,997	370,600	376,233	381,897
Government	676,054	687,564	699,115	710,709	722,350	734,041	745,784	757,583	769,441	781,360	793,344	805,395	817,518

Appendix D:
Baseline Output by Industry

Atlanta West

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	153,203	151,234	154,102	157,002	159,932	162,895	165,898	168,949	172,059	175,244	178,513	181,863	188,603	195,479
Mining	3,839	6,916	6,920	6,919	6,913	6,904	6,891	6,875	6,857	6,837	6,816	6,795	7,046	7,301
Utilities	138,943	177,176	181,592	186,023	190,479	194,974	199,522	204,140	208,847	213,666	218,607	223,667	231,995	240,485
Construction	485,051	472,004	487,356	502,346	516,979	531,304	545,410	559,420	573,496	587,832	602,557	617,662	643,627	670,239
Manufacturing	2,099,891	2,091,300	2,132,326	2,174,551	2,217,931	2,262,443	2,308,089	2,354,892	2,402,897	2,452,168	2,502,736	2,554,550	2,646,460	2,740,122
Wholesale Trade	186,420	231,168	244,612	258,516	272,848	287,587	302,729	318,283	334,273	350,743	367,724	385,200	400,183	415,502
Retail Trade	433,603	485,063	508,095	531,536	555,336	579,487	604,018	629,002	654,553	680,825	707,928	735,844	765,853	796,587
Transporatation and Warehousing	91,607	99,858	104,576	109,369	114,230	119,157	124,158	129,249	134,454	139,806	145,327	151,014	157,188	163,511
Information	126,696	156,863	168,839	181,110	193,653	206,459	219,536	232,909	246,622	260,736	275,294	290,285	302,256	314,520
Finance and Insurance	232,369	236,232	246,510	257,029	267,764	278,706	289,861	301,253	312,921	324,924	337,303	350,047	363,959	378,196
Real Estate and Rental and Leasing	122,662	132,052	138,235	144,432	150,635	156,851	163,099	169,409	175,828	182,415	189,209	196,207	204,533	213,070
Professional, Scientific, and Technical Services	129,044	113,356	119,439	125,604	131,836	138,132	144,504	150,979	157,596	164,413	171,470	178,763	186,520	194,480
Management of Companies and Enterprises	34,764	23,490	24,672	25,873	27,091	28,327	29,582	30,861	32,169	33,514	34,900	36,328	37,803	39,313
Administrative and Support and Waste Management	104,630	96,764	102,344	107,974	113,647	119,366	125,144	131,006	136,987	143,135	149,482	156,024	162,696	169,539
Educational Services	14,894	6,895	7,062	7,229	7,397	7,567	7,737	7,909	8,085	8,264	8,449	8,638	8,972	9,314
Health Care and Social Assistance	299,280	323,315	335,423	348,019	361,065	374,536	388,415	402,703	417,411	432,569	448,195	464,277	481,690	499,472
Arts, Entertainment, and Recreation	24,950	21,166	22,302	23,466	24,655	25,867	27,104	28,368	29,664	30,999	32,378	33,800	35,184	36,602
Accommodation and Food Services	108,966	122,530	126,933	131,365	135,819	140,296	144,808	149,373	154,019	158,783	163,689	168,734	175,557	182,542
Other Services (except Public Administration)	179,381	190,300	198,823	207,407	216,039	224,722	233,479	242,349	251,388	260,672	270,254	280,129	291,862	303,889
Government	443,048	467,801	480,543	493,062	505,359	517,466	529,446	541,392	553,423	565,684	578,274	591,183	615,174	639,736

Atlanta West *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	202,485	209,611	216,850	224,194	231,634	239,162	246,770	254,450	262,191	269,986	277,826	285,701	293,602	301,515
Mining	7,562	7,826	8,095	8,368	8,644	8,924	9,206	9,491	9,778	10,067	10,357	10,649	10,942	11,235
Utilities	249,129	257,915	266,834	275,876	285,030	294,286	303,633	313,060	322,557	332,114	341,718	351,359	361,026	370,702
Construction	697,472	725,296	753,682	782,600	812,015	841,895	872,204	902,905	933,961	965,333	996,979	1,028,860	1,060,931	1,093,131
Manufacturing	2,835,426	2,932,263	3,030,524	3,130,097	3,230,870	3,332,731	3,435,567	3,539,263	3,643,704	3,748,773	3,854,354	3,960,330	4,066,581	4,172,918
Wholesale Trade	431,141	447,085	463,315	479,814	496,562	513,542	530,734	548,118	565,674	583,380	601,215	619,158	637,186	655,265
Retail Trade	828,013	860,099	892,810	926,111	959,964	994,331	1,029,172	1,064,445	1,100,108	1,136,116	1,172,425	1,208,987	1,245,756	1,282,660
Transporatation and Warehousing	169,976	176,577	183,306	190,157	197,121	204,191	211,358	218,614	225,950	233,358	240,827	248,349	255,913	263,505
Information	327,064	339,876	352,940	366,244	379,771	393,507	407,436	421,540	435,803	450,206	464,732	479,362	494,076	508,846
Finance and Insurance	392,744	407,586	422,707	438,091	453,720	469,576	485,642	501,898	518,326	534,905	551,614	568,433	585,341	602,305
Real Estate and Rental and Leasing	221,809	230,740	239,856	249,145	258,597	268,201	277,946	287,820	297,811	307,906	318,092	328,356	338,684	349,055
Professional, Scientific, and Technical Services	202,637	210,980	219,502	228,194	237,046	246,047	255,187	264,455	273,839	283,328	292,908	302,567	312,291	322,062
Management of Companies and Enterprises	40,856	42,430	44,034	45,666	47,324	49,006	50,711	52,435	54,178	55,937	57,709	59,493	61,287	63,086
Administrative and Support and Waste Management	176,544	183,704	191,012	198,460	206,039	213,741	221,556	229,476	237,489	245,587	253,758	261,991	270,276	278,596
Educational Services	9,662	10,017	10,379	10,747	11,120	11,498	11,881	12,268	12,659	13,053	13,451	13,850	14,252	14,654
Health Care and Social Assistance	517,604	536,066	554,838	573,898	593,226	612,799	632,597	652,595	672,773	693,105	713,568	734,139	754,792	775,490
Arts, Entertainment, and Recreation	38,052	39,532	41,042	42,578	44,140	45,726	47,334	48,961	50,606	52,268	53,943	55,630	57,326	59,029
Accommodation and Food Services	189,684	196,973	204,403	211,965	219,652	227,453	235,360	243,364	251,455	259,623	267,858	276,150	284,487	292,854
Other Services (except Public Administration)	316,196	328,770	341,599	354,668	367,963	381,468	395,167	409,045	423,084	437,265	451,573	465,986	480,487	495,047
Government	664,846	690,476	716,598	743,185	770,205	797,629	825,425	853,558	881,997	910,705	939,646	968,785	998,082	1,027,482

Appendix D:
Baseline Output by Industry

Atlanta West *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	309,439	317,372	325,312	333,259	341,210	349,164	357,119	365,074	373,026	380,975	388,919	396,856	404,783	412,700
Mining	11,528	11,822	12,116	12,410	12,704	12,999	13,293	13,587	13,882	14,176	14,470	14,763	15,057	15,350
Utilities	380,384	390,072	399,764	409,458	419,154	428,849	438,542	448,232	457,918	467,596	477,267	486,929	496,579	506,217
Construction	1,125,444	1,157,854	1,190,343	1,222,895	1,255,492	1,288,117	1,320,751	1,353,376	1,385,974	1,418,527	1,451,014	1,483,417	1,515,718	1,547,896
Manufacturing	4,279,332	4,385,811	4,492,346	4,598,927	4,705,542	4,812,180	4,918,830	5,025,481	5,132,121	5,238,738	5,345,319	5,451,854	5,558,328	5,664,730
Wholesale Trade	673,389	691,553	709,749	727,973	746,216	764,473	782,737	801,000	819,256	837,497	855,717	873,908	892,062	910,173
Retail Trade	1,319,683	1,356,810	1,394,022	1,431,302	1,468,633	1,505,997	1,543,374	1,580,747	1,618,096	1,655,401	1,692,645	1,729,806	1,766,865	1,803,802
Transporatation and Warehousing	271,122	278,760	286,416	294,087	301,768	309,457	317,148	324,839	332,525	340,203	347,869	355,518	363,146	370,751
Information	523,666	538,527	553,424	568,349	583,293	598,251	613,214	628,173	643,122	658,052	672,956	687,824	702,649	717,422
Finance and Insurance	619,319	636,377	653,470	670,593	687,738	704,897	722,064	739,230	756,388	773,530	790,648	807,734	824,780	841,777
Real Estate and Rental and Leasing	359,465	369,907	380,376	390,867	401,373	411,889	422,408	432,925	443,432	453,924	464,394	474,837	485,244	495,611
Professional, Scientific, and Technical Services	331,873	341,720	351,595	361,494	371,409	381,336	391,266	401,195	411,114	421,018	430,901	440,754	450,571	460,346
Management of Companies and Enterprises	64,890	66,699	68,511	70,326	72,143	73,961	75,780	77,598	79,415	81,230	83,041	84,849	86,652	88,450
Administrative and Support and Waste Management	286,947	295,325	303,724	312,140	320,569	329,004	337,443	345,878	354,306	362,721	371,118	379,491	387,836	396,148
Educational Services	15,058	15,462	15,867	16,273	16,679	17,086	17,493	17,900	18,306	18,713	19,118	19,524	19,928	20,332
Health Care and Social Assistance	796,227	816,999	837,800	858,626	879,470	900,328	921,193	942,060	962,922	983,774	1,004,609	1,025,423	1,046,207	1,066,956
Arts, Entertainment, and Recreation	60,736	62,449	64,165	65,885	67,607	69,330	71,053	72,776	74,499	76,218	77,935	79,648	81,357	83,059
Accommodation and Food Services	301,247	309,662	318,097	326,547	335,008	343,476	351,948	360,418	368,884	377,340	385,784	394,209	402,612	410,989
Other Services (except Public Administration)	509,658	524,314	539,008	553,730	568,474	583,231	597,993	612,753	627,501	642,228	656,928	671,590	686,206	700,768
Government	1,056,973	1,086,542	1,116,175	1,145,860	1,175,582	1,205,328	1,235,083	1,264,834	1,294,565	1,324,262	1,353,910	1,383,494	1,412,999	1,442,409

Atlanta West *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	420,605	428,495	436,369	444,226	452,064	459,880	467,673	475,442	483,185	490,900	498,585	506,239	513,861
Mining	15,643	15,935	16,226	16,517	16,808	17,097	17,386	17,674	17,962	18,248	18,534	18,818	19,101
Utilities	515,841	525,450	535,042	544,616	554,169	563,701	573,210	582,695	592,153	601,584	610,986	620,358	629,698
Construction	1,579,934	1,611,810	1,643,507	1,675,005	1,706,284	1,737,327	1,768,114	1,798,627	1,828,847	1,858,756	1,888,336	1,917,569	1,946,440
Manufacturing	5,771,048	5,877,269	5,983,381	6,089,371	6,195,227	6,300,937	6,406,488	6,511,869	6,617,068	6,722,073	6,826,873	6,931,457	7,035,814
Wholesale Trade	928,233	946,234	964,170	982,032	999,814	1,017,508	1,035,108	1,052,605	1,069,993	1,087,264	1,104,414	1,121,433	1,138,317
Retail Trade	1,840,598	1,877,233	1,913,686	1,949,938	1,985,970	2,021,761	2,057,292	2,092,544	2,127,499	2,162,137	2,196,440	2,230,390	2,263,970
Transporatation and Warehousing	378,326	385,869	393,375	400,841	408,262	415,634	422,953	430,215	437,417	444,554	451,624	458,621	465,543
Information	732,136	746,781	761,351	775,835	790,227	804,519	818,701	832,766	846,707	860,514	874,182	887,702	901,067
Finance and Insurance	858,718	875,594	892,398	909,121	925,755	942,292	958,725	975,045	991,244	1,007,315	1,023,251	1,039,045	1,054,688
Real Estate and Rental and Leasing	505,930	516,195	526,399	536,536	546,600	556,584	566,482	576,287	585,993	595,595	605,085	614,459	623,710
Professional, Scientific, and Technical Services	470,072	479,742	489,348	498,885	508,345	517,721	527,007	536,197	545,283	554,259	563,120	571,858	580,467
Management of Companies and Enterprises	90,240	92,024	93,799	95,565	97,321	99,066	100,799	102,520	104,227	105,920	107,597	109,259	110,904
Administrative and Support and Waste Management	404,420	412,647	420,825	428,948	437,011	445,008	452,934	460,785	468,555	476,239	483,832	491,330	498,727
Educational Services	20,734	21,136	21,535	21,934	22,330	22,725	23,117	23,508	23,896	24,281	24,664	25,044	25,421
Health Care and Social Assistance	1,087,664	1,108,325	1,128,932	1,149,478	1,169,959	1,190,367	1,210,697	1,230,943	1,251,098	1,271,157	1,291,115	1,310,965	1,330,702
Arts, Entertainment, and Recreation	84,755	86,443	88,123	89,794	91,454	93,103	94,740	96,364	97,974	99,570	101,150	102,713	104,260
Accommodation and Food Services	419,335	427,647	435,919	444,147	452,327	460,455	468,526	476,537	484,483	492,360	500,164	507,891	515,537
Other Services (except Public Administration)	715,266	729,693	744,038	758,294	772,452	786,502	800,438	814,250	827,929	841,468	854,858	868,092	881,162
Government	1,471,709	1,500,884	1,529,919	1,558,798	1,587,507	1,616,031	1,644,354	1,672,462	1,700,340	1,727,974	1,755,350	1,782,454	1,809,273

Appendix D:
Baseline Output by Industry

Rest of Georgia

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	5,738,965	5,533,204	5,574,219	5,624,238	5,682,154	5,746,944	5,817,640	5,893,309	5,973,031	6,055,890	6,141,268	6,229,061	6,433,585	6,641,561
Mining	602,451	621,933	613,442	605,952	599,289	593,294	587,811	582,697	577,810	573,017	568,237	563,472	581,091	598,976
Utilities	3,268,738	2,867,784	2,906,273	2,949,019	2,995,624	3,045,704	3,098,880	3,154,773	3,212,994	3,273,141	3,334,931	3,398,291	3,511,343	3,626,291
Construction	6,534,130	6,407,230	6,487,342	6,574,701	6,668,670	6,768,645	6,874,041	6,984,276	7,098,765	7,216,914	7,338,293	7,462,764	7,715,976	7,973,547
Manufacturing	61,552,056	60,848,830	61,531,164	62,256,777	63,023,089	63,827,491	64,667,322	65,539,842	66,442,220	67,371,510	68,325,444	69,303,000	71,693,628	74,126,030
Wholesale Trade	6,908,257	7,080,415	7,405,568	7,747,712	8,106,054	8,479,783	8,868,042	9,269,917	9,684,423	10,110,485	10,547,222	10,994,168	11,366,311	11,744,865
Retail Trade	11,330,638	11,837,840	12,191,743	12,568,021	12,965,347	13,382,368	13,817,679	14,269,793	14,737,118	15,217,935	15,710,912	16,215,509	16,759,691	17,313,073
Transporatation and Warehousing	5,299,907	5,896,963	6,071,030	6,255,260	6,449,108	6,652,019	6,863,415	7,082,692	7,309,206	7,542,273	7,781,348	8,026,178	8,300,528	8,579,665
Information	4,491,481	4,492,348	4,706,613	4,932,195	5,168,684	5,415,593	5,672,332	5,938,195	6,212,337	6,493,762	6,781,659	7,075,707	7,307,477	7,542,982
Finance and Insurance	7,062,952	7,544,775	7,745,316	7,955,823	8,179,294	8,414,769	8,661,283	8,917,844	9,183,419	9,456,923	9,737,538	10,024,955	10,361,314	10,703,382
Real Estate and Rental and Leasing	4,481,126	4,393,749	4,498,009	4,613,626	4,736,166	4,865,154	5,000,097	5,140,472	5,285,721	5,435,244	5,588,583	5,745,569	5,938,247	6,134,165
Professional, Scientific, and Technical Services	4,102,740	4,317,943	4,475,912	4,642,616	4,817,589	5,000,366	5,190,477	5,387,437	5,590,737	5,799,847	6,014,334	6,233,971	6,446,326	6,662,363
Management of Companies and Enterprises	2,920,463	3,097,040	3,194,872	3,298,849	3,408,648	3,523,919	3,644,279	3,769,311	3,898,549	4,031,484	4,167,714	4,307,091	4,450,363	4,596,001
Administrative and Support and Waste Management	2,922,005	3,129,662	3,248,129	3,372,467	3,502,402	3,637,666	3,777,988	3,923,090	4,072,684	4,226,470	4,384,192	4,545,683	4,702,134	4,861,344
Educational Services	759,818	804,151	814,696	826,181	838,529	851,661	865,504	879,980	895,013	910,525	926,458	942,794	974,711	1,007,174
Health Care and Social Assistance	10,154,829	10,541,928	10,815,470	11,108,516	11,419,832	11,748,137	12,092,075	12,450,189	12,820,902	13,202,493	13,593,659	13,993,963	14,458,198	14,930,111
Arts, Entertainment, and Recreation	750,664	720,718	745,434	771,609	799,167	828,030	858,112	889,321	921,553	954,694	988,654	1,023,397	1,057,609	1,092,393
Accommodation and Food Services	4,499,662	4,554,131	4,654,110	4,761,517	4,875,863	4,996,640	5,123,319	5,255,336	5,392,084	5,532,906	5,677,310	5,825,133	6,019,326	6,216,746
Other Services (except Public Administration)	4,200,368	4,300,885	4,409,626	4,525,386	4,647,693	4,776,092	4,910,132	5,049,357	5,193,298	5,341,467	5,493,490	5,649,201	5,840,979	6,036,072
Government	19,048,003	19,606,903	19,843,828	20,100,286	20,374,589	20,665,158	20,970,481	21,289,089	21,619,523	21,960,318	22,310,407	22,669,396	23,442,857	24,229,710

Rest of Georgia *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	6,852,743	7,066,885	7,283,741	7,503,070	7,724,632	7,948,190	8,173,503	8,400,339	8,628,460	8,857,635	9,087,630	9,318,211	9,549,149	9,780,044
Mining	617,106	635,459	654,013	672,748	691,644	710,679	729,836	749,094	768,434	787,839	807,288	826,765	846,250	865,712
Utilities	3,742,996	3,861,320	3,981,127	4,102,281	4,224,647	4,348,091	4,472,482	4,597,687	4,723,574	4,850,014	4,976,877	5,104,033	5,231,354	5,358,621
Construction	8,235,167	8,500,528	8,769,323	9,041,247	9,315,994	9,593,263	9,872,752	10,154,159	10,437,186	10,721,533	11,006,903	11,292,998	11,579,522	11,865,977
Manufacturing	76,597,285	79,104,481	81,644,710	84,215,073	86,812,679	89,434,642	92,078,081	94,740,123	97,417,900	100,108,547	102,809,207	105,517,026	108,229,152	110,940,847
Wholesale Trade	12,129,374	12,519,385	12,914,448	13,314,115	13,717,940	14,125,479	14,536,288	14,949,927	15,365,956	15,783,937	16,203,432	16,624,005	17,045,222	17,466,350
Retail Trade	17,874,985	18,444,765	19,021,753	19,605,294	20,194,738	20,789,437	21,388,750	21,992,036	22,598,660	23,207,987	23,819,388	24,432,235	25,045,902	25,659,328
Transporatation and Warehousing	8,863,256	9,150,972	9,442,484	9,737,465	10,035,588	10,336,529	10,639,965	10,945,572	11,253,029	11,562,015	11,872,210	12,183,294	12,494,949	12,806,639
Information	7,781,933	8,024,045	8,269,036	8,516,629	8,766,550	9,018,526	9,272,289	9,527,573	9,784,115	10,041,653	10,299,929	10,558,687	10,817,672	11,076,443
Finance and Insurance	11,050,746	11,402,997	11,759,727	12,120,532	12,485,010	12,852,761	13,223,388	13,596,494	13,971,687	14,348,574	14,726,764	15,105,869	15,485,501	15,865,003
Real Estate and Rental and Leasing	6,333,086	6,534,774	6,738,996	6,945,520	7,154,115	7,364,554	7,576,607	7,790,050	8,004,657	8,220,204	8,436,470	8,653,233	8,870,271	9,087,211
Professional, Scientific, and Technical Services	6,881,825	7,104,453	7,329,989	7,558,178	7,788,765	8,021,495	8,256,114	8,492,370	8,730,011	8,968,783	9,208,438	9,448,723	9,689,389	9,930,015
Management of Companies and Enterprises	4,743,828	4,893,669	5,045,350	5,198,699	5,353,545	5,509,720	5,667,055	5,825,384	5,984,541	6,144,362	6,304,685	6,465,347	6,626,186	6,786,927
Administrative and Support and Waste Management	5,023,122	5,187,278	5,353,623	5,521,968	5,692,124	5,863,902	6,037,115	6,211,574	6,387,091	6,563,478	6,740,548	6,918,113	7,095,985	7,273,854
Educational Services	1,040,145	1,073,584	1,107,452	1,141,711	1,176,324	1,211,250	1,246,454	1,281,896	1,317,540	1,353,347	1,389,281	1,425,304	1,461,378	1,497,442
Health Care and Social Assistance	15,409,130	15,894,688	16,386,221	16,883,174	17,384,994	17,891,134	18,401,050	18,914,205	19,430,062	19,948,089	20,467,760	20,988,548	21,509,932	22,031,015
Arts, Entertainment, and Recreation	1,127,707	1,163,509	1,199,758	1,236,411	1,273,429	1,310,771	1,348,397	1,386,266	1,424,339	1,462,576	1,500,938	1,539,386	1,577,880	1,616,355
Accommodation and Food Services	6,417,154	6,620,312	6,825,985	7,033,940	7,243,944	7,455,769	7,669,186	7,883,968	8,099,892	8,316,732	8,534,268	8,752,278	8,970,542	9,188,685
Other Services (except Public Administration)	6,234,245	6,435,265	6,638,900	6,844,920	7,053,092	7,263,189	7,474,981	7,688,241	7,902,740	8,118,253	8,334,554	8,551,416	8,768,615	8,985,772
Government	25,029,008	25,839,804	26,661,159	27,492,133	28,331,791	29,179,201	30,033,434	30,893,561	31,758,658	32,627,801	33,500,070	34,374,544	35,250,306	36,125,823

Appendix D:
Baseline Output by Industry

Rest of Georgia *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	10,010,924	10,241,816	10,472,747	10,703,740	10,934,822	11,166,016	11,397,345	11,628,833	11,860,501	12,092,372	12,324,466	12,556,805	12,789,411	13,022,303
Mining	885,156	904,587	924,011	943,432	962,856	982,288	1,001,733	1,021,196	1,040,683	1,060,199	1,079,748	1,099,336	1,118,968	1,138,649
Utilities	5,485,847	5,613,046	5,740,233	5,867,420	5,994,622	6,121,851	6,249,122	6,376,448	6,503,842	6,631,316	6,758,885	6,886,561	7,014,358	7,142,288
Construction	12,152,381	12,438,754	12,725,112	13,011,474	13,297,859	13,584,283	13,870,764	14,157,321	14,443,969	14,730,728	15,017,614	15,304,644	15,591,835	15,879,206
Manufacturing	113,652,200	116,363,301	119,074,241	121,785,108	124,495,992	127,206,982	129,918,168	132,629,638	135,341,483	138,053,791	140,766,650	143,480,152	146,194,384	148,909,437
Wholesale Trade	17,887,417	18,308,451	18,729,479	19,150,529	19,571,627	19,992,800	20,414,074	20,835,475	21,257,028	21,678,759	22,100,693	22,522,855	22,945,272	23,367,967
Retail Trade	26,272,571	26,885,687	27,498,732	28,111,764	28,724,837	29,338,008	29,951,331	30,564,862	31,178,656	31,792,768	32,407,251	33,022,162	33,637,554	34,253,482
Transporatation and Warehousing	13,118,384	13,430,206	13,742,125	14,054,162	14,366,338	14,678,673	14,991,189	15,303,906	15,616,845	15,930,026	16,243,470	16,557,199	16,871,232	17,185,590
Information	11,335,041	11,593,510	11,851,892	12,110,228	12,368,561	12,626,933	12,885,387	13,143,965	13,402,709	13,661,662	13,920,866	14,180,364	14,440,197	14,700,409
Finance and Insurance	16,244,409	16,623,753	17,003,068	17,382,388	17,761,745	18,141,173	18,520,704	18,900,370	19,280,204	19,660,237	20,040,502	20,421,030	20,801,854	21,183,004
Real Estate and Rental and Leasing	9,304,074	9,520,881	9,737,653	9,954,412	10,171,179	10,387,974	10,604,820	10,821,736	11,038,745	11,255,866	11,473,121	11,690,530	11,908,115	12,125,897
Professional, Scientific, and Technical Services	10,170,616	10,411,204	10,651,791	10,892,389	11,133,012	11,373,670	11,614,376	11,855,141	12,095,978	12,336,897	12,577,910	12,819,028	13,060,264	13,301,627
Management of Companies and Enterprises	6,947,590	7,108,194	7,268,759	7,429,305	7,589,852	7,750,420	7,911,028	8,071,697	8,232,445	8,393,292	8,554,259	8,715,365	8,876,630	9,038,073
Administrative and Support and Waste Management	7,451,724	7,629,600	7,807,486	7,985,387	8,163,308	8,341,252	8,519,223	8,697,225	8,875,264	9,053,341	9,231,461	9,409,628	9,587,845	9,766,117
Educational Services	1,533,498	1,569,548	1,605,596	1,641,643	1,677,692	1,713,747	1,749,808	1,785,879	1,821,962	1,858,061	1,894,176	1,930,311	1,966,468	2,002,650
Health Care and Social Assistance	22,551,864	23,072,543	23,593,118	24,113,653	24,634,213	25,154,862	25,675,665	26,196,684	26,717,984	27,239,629	27,761,682	28,284,207	28,807,267	29,330,926
Arts, Entertainment, and Recreation	1,654,815	1,693,263	1,731,704	1,770,142	1,808,581	1,847,025	1,885,478	1,923,944	1,962,428	2,000,933	2,039,463	2,078,023	2,116,617	2,155,248
Accommodation and Food Services	9,406,732	9,624,709	9,842,640	10,060,551	10,278,466	10,496,411	10,714,410	10,932,489	11,150,673	11,368,985	11,587,452	11,806,098	12,024,948	12,244,027
Other Services (except Public Administration)	9,202,901	9,420,015	9,637,126	9,854,247	10,071,391	10,288,570	10,505,795	10,723,081	10,940,437	11,157,877	11,375,411	11,593,053	11,810,813	12,028,704
Government	37,001,134	37,876,278	38,751,294	39,626,220	40,501,093	41,375,950	42,250,827	43,125,759	44,000,783	44,875,933	45,751,245	46,626,753	47,502,491	48,378,495

Rest of Georgia *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	13,255,504	13,489,033	13,722,912	13,957,161	14,191,802	14,426,857	14,662,347	14,898,295	15,134,722	15,371,653	15,609,111	15,847,121	16,085,708
Mining	1,158,384	1,178,178	1,198,036	1,217,964	1,237,966	1,258,048	1,278,214	1,298,471	1,318,823	1,339,274	1,359,832	1,380,500	1,401,284
Utilities	7,270,365	7,398,601	7,527,011	7,655,606	7,784,401	7,913,409	8,042,642	8,172,114	8,301,839	8,431,831	8,562,102	8,692,668	8,823,541
Construction	16,166,773	16,454,553	16,742,565	17,030,824	17,319,350	17,608,159	17,897,269	18,186,698	18,476,463	18,766,583	19,057,077	19,347,961	19,639,256
Manufacturing	151,625,399	154,342,361	157,060,411	159,779,639	162,500,136	165,221,990	167,945,293	170,670,134	173,396,603	176,124,792	178,854,790	181,586,689	184,320,579
Wholesale Trade	23,790,966	24,214,294	24,637,976	25,062,038	25,486,505	25,911,403	26,336,758	26,762,595	27,188,941	27,615,822	28,043,266	28,471,300	28,899,952
Retail Trade	34,870,001	35,487,165	36,105,028	36,723,647	37,343,076	37,963,369	38,584,583	39,206,773	39,829,994	40,454,303	41,079,757	41,706,413	42,334,326
Transporatation and Warehousing	17,500,295	17,815,367	18,130,827	18,446,696	18,762,995	19,079,745	19,396,968	19,714,684	20,032,916	20,351,684	20,671,010	20,990,916	21,311,424
Information	14,961,042	15,222,139	15,483,741	15,745,893	16,008,636	16,272,013	16,536,066	16,800,840	17,066,375	17,332,716	17,599,904	17,867,984	18,136,996
Finance and Insurance	21,564,514	21,946,415	22,328,738	22,711,517	23,094,782	23,478,568	23,862,905	24,247,826	24,633,366	25,019,556	25,406,430	25,794,021	26,182,365
Real Estate and Rental and Leasing	12,343,896	12,562,134	12,780,631	12,999,408	13,218,487	13,437,888	13,657,633	13,877,743	14,098,239	14,319,142	14,540,474	14,762,257	14,984,511
Professional, Scientific, and Technical Services	13,543,131	13,784,785	14,026,601	14,268,591	14,510,766	14,753,138	14,995,718	15,238,518	15,481,551	15,724,827	15,968,360	16,212,162	16,456,245
Management of Companies and Enterprises	9,199,713	9,361,572	9,523,668	9,686,022	9,848,652	10,011,579	10,174,822	10,338,402	10,502,337	10,666,648	10,831,356	10,996,478	11,162,036
Administrative and Support and Waste Management	9,944,446	10,122,837	10,301,293	10,479,818	10,658,415	10,837,090	11,015,844	11,194,684	11,373,612	11,552,632	11,731,751	11,910,970	12,090,297
Educational Services	2,038,859	2,075,098	2,111,369	2,147,674	2,184,017	2,220,399	2,256,823	2,293,292	2,329,808	2,366,374	2,402,992	2,439,665	2,476,396
Health Care and Social Assistance	29,855,247	30,380,294	30,906,130	31,432,820	31,960,425	32,489,012	33,018,643	33,549,383	34,081,296	34,614,447	35,148,900	35,684,720	36,221,974
Arts, Entertainment, and Recreation	2,193,922	2,232,641	2,271,410	2,310,233	2,349,114	2,388,057	2,427,067	2,466,147	2,505,302	2,544,535	2,583,851	2,623,255	2,662,749
Accommodation and Food Services	12,463,359	12,682,970	12,902,884	13,123,127	13,343,723	13,564,697	13,786,075	14,007,881	14,230,140	14,452,879	14,676,121	14,899,893	15,124,219
Other Services (except Public Administration)	12,246,737	12,464,925	12,683,278	12,901,809	13,120,530	13,339,453	13,558,590	13,777,953	13,997,555	14,217,408	14,437,525	14,657,919	14,878,602
Government	49,254,799	50,131,437	51,008,444	51,885,856	52,763,705	53,642,029	54,520,862	55,400,240	56,280,199	57,160,776	58,042,008	58,923,933	59,806,588

Appendix E:
Baseline Real Disposable Personal Income by Region

Region Name	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Cherokee	4,172,866	4,286,477	4,594,730	4,909,895	5,217,600	5,521,583	5,823,444	6,125,588	6,431,241	6,744,468	7,068,195	7,402,453	7,750,590	8,106,944
Clayton	4,694,823	4,810,929	4,930,604	5,067,188	5,214,229	5,369,239	5,531,777	5,701,275	5,877,030	6,058,204	6,244,235	6,435,202	6,632,814	6,832,178
Cobb	20,188,022	20,566,529	21,502,815	22,389,340	23,275,070	24,179,152	25,104,863	26,055,759	27,035,727	28,049,046	29,099,024	30,186,929	31,317,015	32,464,756
DeKalb	19,720,993	20,241,486	20,887,488	21,537,651	22,211,297	22,914,262	23,644,933	24,401,187	25,180,383	25,979,346	26,795,915	27,630,260	28,495,690	29,371,585
Fayette	3,090,445	3,196,816	3,446,892	3,686,487	3,919,381	4,148,558	4,375,291	4,601,523	4,829,870	5,063,635	5,305,195	5,554,572	5,814,440	6,080,740
Fulton	33,451,776	34,298,776	35,465,736	36,597,107	37,761,043	38,980,918	40,256,807	41,588,233	42,974,176	44,413,068	45,904,414	47,450,252	49,054,814	50,679,352
Gwinnett	16,889,711	17,237,098	18,157,284	19,017,669	19,862,811	20,710,848	21,565,941	22,433,051	23,317,992	24,227,485	25,166,388	26,135,383	27,141,831	28,165,878
Henry	3,163,464	3,285,223	3,622,749	3,949,549	4,269,498	4,583,411	4,892,553	5,199,648	5,508,895	5,825,995	6,155,187	6,496,464	6,854,038	7,223,321
Rockdale	1,790,559	1,860,419	1,962,151	2,062,004	2,161,140	2,260,044	2,359,113	2,458,848	2,559,866	2,662,896	2,768,431	2,876,427	2,988,550	3,102,710
Atlanta East	4,510,252	4,621,209	4,772,022	4,974,059	5,179,267	5,385,199	5,592,327	5,801,209	6,012,494	6,226,928	6,444,957	6,666,404	6,896,211	7,129,849
Atlanta North	6,209,067	6,359,102	6,726,177	7,153,040	7,570,408	7,981,845	8,389,565	8,796,798	9,207,795	9,627,851	10,060,751	10,506,521	10,970,797	11,446,016
Atlanta South	2,266,995	2,321,995	2,333,290	2,386,656	2,447,226	2,511,368	2,578,564	2,648,289	2,719,991	2,793,083	2,867,167	2,942,206	3,020,566	3,100,372
Atlanta West	4,411,123	4,523,773	4,727,536	4,973,383	5,221,094	5,468,271	5,715,518	5,963,974	6,215,320	6,471,780	6,734,940	7,004,657	7,285,721	7,573,273
Rest of Georgia	87,792,612	90,028,283	90,556,491	93,468,009	96,559,619	99,724,992	102,958,397	106,254,259	109,607,067	113,011,312	116,462,531	119,958,012	123,590,912	127,283,125

Region Name	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Cherokee	8,471,178	8,842,934	9,221,832	9,607,474	9,999,444	10,397,305	10,800,604	11,208,869	11,621,611	12,038,325	12,458,488	12,881,563	13,306,995	13,734,014
Clayton	7,033,107	7,235,417	7,438,933	7,643,483	7,848,904	8,055,035	8,261,722	8,468,816	8,676,169	8,883,640	9,091,089	9,298,380	9,505,378	9,711,809
Cobb	33,628,876	34,808,086	36,001,091	37,206,590	38,423,277	39,649,849	40,885,001	42,127,430	43,375,837	44,628,922	45,885,390	47,143,949	48,403,306	49,661,406
DeKalb	30,257,014	31,151,064	32,052,837	32,961,452	33,876,048	34,795,781	35,719,822	36,647,362	37,577,606	38,509,772	39,443,093	40,376,813	41,310,186	42,241,856
Fayette	6,353,228	6,631,639	6,915,695	7,205,100	7,499,542	7,798,694	8,102,212	8,409,740	8,720,905	9,035,321	9,352,590	9,672,296	9,994,014	10,317,157
Fulton	52,322,052	53,981,116	55,654,772	57,341,270	59,038,889	60,745,937	62,460,750	64,181,695	65,907,166	67,635,587	69,365,407	71,095,099	72,823,158	74,546,944
Gwinnett	29,206,449	30,262,447	31,332,755	32,416,241	33,511,755	34,618,135	35,734,206	36,858,780	37,990,660	39,128,635	40,271,488	41,417,986	42,566,891	43,716,305
Henry	7,604,044	7,995,901	8,398,547	8,811,597	9,234,626	9,667,171	10,108,727	10,558,751	11,016,661	11,481,836	11,953,617	12,431,308	12,914,175	13,401,260
Rockdale	3,218,791	3,336,677	3,456,247	3,577,380	3,699,951	3,823,832	3,948,896	4,075,012	4,202,047	4,329,866	4,458,333	4,587,309	4,716,654	4,846,157
Atlanta East	7,367,054	7,607,569	7,851,135	8,097,500	8,346,412	8,597,619	8,850,873	9,105,924	9,362,525	9,620,426	9,879,379	10,139,134	10,399,439	10,659,894
Atlanta North	11,931,707	12,427,372	12,932,492	13,446,524	13,968,904	14,499,046	15,036,344	15,580,169	16,129,875	16,684,793	17,244,237	17,807,501	18,373,860	18,942,301
Atlanta South	3,181,504	3,263,849	3,347,300	3,431,757	3,517,122	3,603,302	3,690,209	3,777,755	3,865,857	3,954,432	4,043,400	4,132,681	4,222,198	4,311,815
Atlanta West	7,866,999	8,166,584	8,471,713	8,782,061	9,097,301	9,417,095	9,741,099	10,068,959	10,400,309	10,734,775	11,071,971	11,411,500	11,752,955	12,095,749
Rest of Georgia	131,030,193	134,827,824	138,671,865	142,558,281	146,483,141	150,442,597	154,432,873	158,450,250	162,491,054	166,551,645	170,628,403	174,717,723	178,815,998	182,917,153

Appendix E:
Baseline Real Disposable Personal Income by Region

Region Name	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Cherokee	14,162,346	14,591,710	15,021,821	15,452,390	15,883,125	16,313,727	16,743,897	17,173,330	17,601,720	18,028,756	18,454,125	18,877,513	19,298,601	19,717,072
Clayton	9,917,759	10,123,315	10,328,562	10,533,582	10,738,459	10,943,274	11,148,106	11,353,035	11,558,138	11,763,492	11,969,173	12,175,254	12,381,809	12,588,910
Cobb	50,918,144	52,173,421	53,427,139	54,679,208	55,929,537	57,178,039	58,424,628	59,669,218	60,911,723	62,152,058	63,390,134	64,625,861	65,859,148	67,089,897
DeKalb	43,172,048	44,100,991	45,028,914	45,956,049	46,882,624	47,808,870	48,735,018	49,661,294	50,587,928	51,515,145	52,443,168	53,372,218	54,302,515	55,234,271
Fayette	10,641,501	10,966,816	11,292,871	11,619,429	11,946,251	12,273,094	12,599,711	12,925,855	13,251,275	13,575,715	13,898,922	14,220,636	14,540,599	14,858,549
Fulton	76,266,781	77,982,997	79,695,926	81,405,906	83,113,276	84,818,378	86,521,553	88,223,143	89,923,488	91,622,925	93,321,788	95,020,406	96,719,103	98,418,197
Gwinnett	44,865,963	46,015,599	47,164,950	48,313,752	49,461,743	50,608,660	51,754,241	52,898,221	54,040,336	55,180,321	56,317,908	57,452,826	58,584,803	59,713,563
Henry	13,892,050	14,386,018	14,882,617	15,381,287	15,881,454	16,382,530	16,883,914	17,384,994	17,885,148	18,383,744	18,880,143	19,373,696	19,863,752	20,349,654
Rockdale	4,975,779	5,105,481	5,235,226	5,364,975	5,494,689	5,624,328	5,753,853	5,883,224	6,012,401	6,141,343	6,270,010	6,398,359	6,526,350	6,653,939
Atlanta East	10,920,472	11,181,142	11,441,878	11,702,650	11,963,432	12,224,194	12,484,908	12,745,547	13,006,081	13,266,481	13,526,718	13,786,761	14,046,579	14,306,141
Atlanta North	19,512,480	20,084,047	20,656,647	21,229,924	21,803,514	22,377,053	22,950,170	23,522,492	24,093,644	24,663,245	25,230,913	25,796,264	26,358,911	26,918,463
Atlanta South	4,401,543	4,491,398	4,581,393	4,671,542	4,761,859	4,852,359	4,943,057	5,033,968	5,125,106	5,216,486	5,308,123	5,400,032	5,492,227	5,584,725
Atlanta West	12,439,709	12,784,658	13,130,413	13,476,789	13,823,595	14,170,639	14,517,721	14,864,640	15,211,194	15,557,173	15,902,369	16,246,568	16,589,557	16,931,118
Rest of Georgia	187,021,369	191,128,829	195,239,719	199,354,227	203,472,535	207,594,825	211,721,272	215,852,049	219,987,319	224,127,239	228,271,959	232,421,616	236,576,341	240,736,250

Region Name	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
Cherokee	20,132,604	20,544,873	20,953,555	21,358,326	21,758,859	22,154,824	22,545,896	22,931,743	23,312,036	23,686,445	24,054,638	24,416,286	24,771,056
Clayton	12,796,627	13,005,030	13,214,185	13,424,159	13,635,017	13,846,820	14,059,630	14,273,505	14,488,502	14,704,675	14,922,074	15,140,749	15,360,745
Cobb	68,318,008	69,543,376	70,765,889	71,985,430	73,201,871	74,415,080	75,624,912	76,831,214	78,033,821	79,232,554	80,427,223	81,617,623	82,803,532
DeKalb	56,167,700	57,103,006	58,040,391	58,980,052	59,922,179	60,866,953	61,814,552	62,765,142	63,718,881	64,675,918	65,636,391	66,600,425	67,568,133
Fayette	15,174,224	15,487,361	15,797,694	16,104,960	16,408,890	16,709,220	17,005,682	17,298,009	17,585,935	17,869,192	18,147,514	18,420,635	18,688,288
Fulton	100,117,999	101,818,809	103,520,921	105,224,615	106,930,161	108,637,816	110,347,822	112,060,405	113,775,774	115,494,120	117,215,614	118,940,404	120,668,615
Gwinnett	60,838,826	61,960,308	63,077,721	64,190,769	65,299,152	66,402,563	67,500,685	68,593,197	69,679,764	70,760,043	71,833,682	72,900,313	73,959,559
Henry	20,830,741	21,306,349	21,775,815	22,238,477	22,693,670	23,140,737	23,579,021	24,007,874	24,426,650	24,834,714	25,231,439	25,616,207	25,988,412
Rockdale	6,781,086	6,907,745	7,033,874	7,159,427	7,284,360	7,408,628	7,532,182	7,654,976	7,776,960	7,898,086	8,018,302	8,137,557	8,255,796
Atlanta East	14,565,413	14,824,361	15,082,950	15,341,143	15,598,902	15,856,187	16,112,955	16,369,162	16,624,761	16,879,702	17,133,933	17,387,398	17,640,038
Atlanta North	27,474,529	28,026,716	28,574,627	29,117,866	29,656,034	30,188,730	30,715,554	31,236,102	31,749,971	32,256,755	32,756,048	33,247,443	33,730,530
Atlanta South	5,677,538	5,770,683	5,864,173	5,958,024	6,052,248	6,146,860	6,241,875	6,337,304	6,433,162	6,529,461	6,626,213	6,723,429	6,821,121
Atlanta West	17,271,033	17,609,082	17,945,043	18,278,696	18,609,815	18,938,179	19,263,561	19,585,738	19,904,484	20,219,574	20,530,785	20,837,890	21,140,666
Rest of Georgia	244,901,447	249,072,021	253,248,046	257,429,577	261,616,649	265,809,274	270,007,442	274,211,111	278,420,212	282,634,640	286,854,254	291,078,872	295,308,264

Appendix F:
Impact of MARTA on Employment by Industry

Cherokee County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	3	2	3	3	3	3	3	3	3	3	4	4	4	4
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	31	36	37	36	37	38	38	41	41	43	44	45	47	48
Manufacturing	23	24	24	25	26	27	28	29	30	31	32	32	34	35
Wholesale Trade	12	12	13	14	15	15	15	16	17	17	18	19	19	20
Retail Trade	54	61	63	63	66	68	70	73	75	77	80	82	85	88
Transporatation and Warehousing	5	7	7	8	7	8	8	8	9	9	9	10	11	11
Information	3	4	4	4	4	4	5	5	5	5	5	6	6	6
Finance and Insurance	14	16	17	17	18	19	19	20	21	23	23	24	25	26
Real Estate and Rental and Leasing	12	15	16	17	18	19	19	20	21	22	23	24	25	26
Professional, Scientific, and Technical Services	22	25	26	27	28	30	31	33	34	35	37	39	40	42
Management of Companies and Enterprises	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	25	29	31	32	34	36	38	40	42	44	46	48	50	52
Educational Services	6	7	7	7	8	8	9	9	9	10	10	10	11	11
Health Care and Social Assistance	29	35	37	38	39	41	43	46	47	49	51	53	55	58
Arts, Entertainment, and Recreation	12	15	15	16	17	18	18	19	20	21	22	22	24	25
Accommodation and Food Services	32	40	42	42	45	46	49	51	53	54	57	59	61	63
Other Services (except Public Administration)	30	36	38	39	41	42	44	46	48	51	52	54	56	58
Government	39	48	52	55	60	63	67	70	74	77	81	84	87	90

Cherokee County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	4	4	4	4	4	4	5	5	5	5	5	5	5	5
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	50	51	52	54	55	56	57	58	59	60	61	62	63	62
Manufacturing	36	37	38	38	39	40	41	41	42	43	44	45	45	45
Wholesale Trade	21	21	22	22	23	23	24	24	25	25	26	26	27	27
Retail Trade	90	93	95	97	99	102	104	106	108	110	112	113	115	115
Transporatation and Warehousing	11	11	11	12	12	12	13	13	13	13	14	14	14	14
Information	6	6	6	7	7	7	7	7	7	7	8	8	9	8
Finance and Insurance	26	27	28	28	29	29	30	31	32	32	33	33	34	22
Real Estate and Rental and Leasing	27	28	28	29	30	31	31	32	33	33	34	35	35	35
Professional, Scientific, and Technical Services	43	44	46	47	48	50	51	52	54	55	56	57	58	57
Management of Companies and Enterprises	3	3	3	3	3	3	4	4	4	4	4	4	4	3
Administrative and Support and Waste Management	54	55	58	59	61	63	64	66	67	70	71	72	74	74
Educational Services	11	11	12	12	12	13	13	13	14	14	15	15	15	15
Health Care and Social Assistance	60	62	64	66	68	70	72	74	75	77	79	80	82	83
Arts, Entertainment, and Recreation	26	26	27	28	29	29	30	30	31	32	33	34	34	34
Accommodation and Food Services	65	67	68	70	72	74	75	77	78	80	81	82	84	84
Other Services (except Public Administration)	60	62	63	65	67	68	70	72	73	74	76	77	78	78
Government	94	96	99	101	104	107	109	112	114	117	118	120	123	124

Appendix F:
Impact of MARTA on Employment by Industry

Cherokee County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	5	5	5	5	5	5	5	5	5	5	5	6	6	6
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Construction	64	66	66	68	68	69	69	70	71	72	72	73	73	74
Manufacturing	45	47	47	48	48	49	49	50	51	51	51	51	52	52
Wholesale Trade	27	28	28	28	29	29	29	30	31	31	31	31	31	31
Retail Trade	116	120	121	123	125	126	127	128	130	131	132	133	134	135
Transporatation and Warehousing	14	15	15	15	15	15	15	15	16	16	16	17	17	17
Information	8	9	9	9	9	9	9	9	10	10	10	10	10	10
Finance and Insurance	35	35	35	36	36	37	37	38	38	38	38	39	39	39
Real Estate and Rental and Leasing	35	37	37	38	38	38	39	39	40	40	40	40	40	41
Professional, Scientific, and Technical Services	59	61	62	63	64	64	65	66	67	67	68	69	69	69
Management of Companies and Enterprises	3	4	5	5	5	5	5	5	5	5	5	5	5	5
Administrative and Support and Waste Management	72	77	78	80	81	81	83	83	85	85	86	86	88	88
Educational Services	15	16	16	16	16	16	16	17	17	17	18	18	18	18
Health Care and Social Assistance	14	86	88	89	90	92	93	94	95	96	97	98	99	99
Arts, Entertainment, and Recreation	34	35	36	37	37	38	38	38	39	39	39	40	41	41
Accommodation and Food Services	85	88	89	90	91	92	93	94	95	96	96	97	97	99
Other Services (except Public Administration)	79	82	83	84	84	85	86	88	88	89	90	90	91	92
Government	126	127	129	131	132	134	135	136	137	138	139	140	140	141

Cherokee County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	6	6	6	6	6	6	6	6	6	6	6	6	6
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	74	75	75	75	75	76	76	76	77	77	77	77	78
Manufacturing	52	52	52	53	53	53	53	53	53	53	53	54	54
Wholesale Trade	31	32	32	32	32	32	32	32	32	32	31	31	31
Retail Trade	136	136	137	138	139	140	140	140	141	141	142	142	142
Transporatation and Warehousing	17	17	17	17	17	17	17	17	17	17	17	17	17
Information	10	10	10	10	10	10	10	10	10	10	10	10	10
Finance and Insurance	39	39	39	39	40	40	40	40	40	40	40	40	40
Real Estate and Rental and Leasing	41	42	42	42	42	42	42	42	42	43	43	43	43
Professional, Scientific, and Technical Services	69	70	71	71	71	71	72	72	72	72	71	71	72
Management of Companies and Enterprises	5	5	5	5	5	5	5	5	5	5	5	5	5
Administrative and Support and Waste Management	88	89	90	90	90	90	91	91	91	90	91	91	91
Educational Services	18	18	18	18	18	18	19	19	19	19	19	19	19
Health Care and Social Assistance	101	101	102	103	103	104	104	105	105	106	106	107	107
Arts, Entertainment, and Recreation	41	41	41	41	42	42	42	42	42	42	43	43	43
Accommodation and Food Services	99	99	99	101	101	101	102	102	101	102	102	102	103
Other Services (except Public Administration)	92	93	93	94	94	94	95	95	95	96	95	96	96
Government	142	142	143	143	143	143	143	143	144	143	143	142	142

Appendix F:
Impact of MARTA on Employment by Industry

Clayton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	7	7	7	6	8	8	8	8	8	8	9	9	9	9
Construction	35	44	43	35	42	41	42	42	44	44	45	46	47	48
Manufacturing	45	47	47	43	47	48	49	50	52	53	54	56	57	58
Wholesale Trade	22	23	24	21	26	26	27	27	29	30	31	32	33	34
Retail Trade	101	114	117	102	120	122	126	129	135	139	143	147	151	155
Transporatation and Warehousing	172	189	197	77	212	220	230	240	250	259	268	277	287	296
Information	7	8	9	8	10	10	10	10	11	11	11	12	12	13
Finance and Insurance	16	18	19	17	20	19	20	21	22	23	23	24	25	26
Real Estate and Rental and Leasing	20	25	27	19	29	30	31	32	34	35	36	37	38	39
Professional, Scientific, and Technical Services	39	44	46	41	49	50	52	53	56	58	61	63	65	67
Management of Companies and Enterprises	8	10	10	9	11	12	12	12	13	13	13	14	14	15
Administrative and Support and Waste Management	50	57	61	54	67	71	75	78	83	86	90	94	98	102
Educational Services	4	5	5	4	6	6	6	6	7	7	7	7	8	9
Health Care and Social Assistance	69	82	87	80	91	94	98	103	107	112	117	121	125	131
Arts, Entertainment, and Recreation	10	13	13	12	14	14	15	15	17	18	18	19	19	20
Accommodation and Food Services	65	77	82	72	87	90	94	40	103	107	111	115	119	123
Other Services (except Public Administration)	45	55	58	51	61	63	65	68	71	73	76	79	82	84
Government	66	83	88	91	98	104	110	115	120	126	131	136	142	146

Clayton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	10	10	10	10	11	11	11	11	12	12	12	12	12	12
Construction	50	51	52	53	54	55	56	57	58	59	59	61	61	62
Manufacturing	61	62	63	64	65	67	68	69	70	71	73	73	74	75
Wholesale Trade	35	36	37	37	38	39	40	41	41	42	43	43	44	45
Retail Trade	159	164	168	171	175	179	182	186	189	193	196	199	202	205
Transporatation and Warehousing	306	315	323	332	340	349	357	364	371	379	386	393	399	405
Information	13	14	14	14	15	15	15	16	16	16	16	17	17	17
Finance and Insurance	26	27	28	28	29	29	30	30	31	31	32	32	33	33
Real Estate and Rental and Leasing	41	42	43	44	46	47	48	49	50	51	52	53	53	55
Professional, Scientific, and Technical Services	69	72	74	77	79	81	83	85	78	90	92	93	95	97
Management of Companies and Enterprises	15	16	16	16	17	17	18	18	19	19	20	20	20	21
Administrative and Support and Waste Management	106	110	114	118	121	125	128	132	135	139	142	145	148	151
Educational Services	9	9	9	9	10	10	10	10	10	10	11	11	12	12
Health Care and Social Assistance	135	140	145	149	154	157	162	166	170	174	177	181	185	188
Arts, Entertainment, and Recreation	21	22	22	23	23	25	25	25	26	26	27	28	28	29
Accommodation and Food Services	126	130	134	136	140	143	146	149	152	155	158	160	163	166
Other Services (except Public Administration)	87	89	92	94	97	99	101	103	105	107	109	110	113	115
Government	151	155	160	164	168	172	175	179	183	186	190	193	196	199

Appendix F:
Impact of MARTA on Employment by Industry

Clayton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	13	13	13	13	13	13	13	13	13	14	14	14	14	14
Construction	63	64	64	65	66	66	67	68	68	69	70	70	70	71
Manufacturing	77	77	78	79	80	81	81	82	83	83	84	85	85	86
Wholesale Trade	45	46	46	47	47	47	48	48	49	50	50	50	51	51
Retail Trade	208	211	213	216	218	220	222	225	227	229	231	233	235	237
Transporatation and Warehousing	411	417	422	428	433	438	442	446	451	455	458	463	466	469
Information	19	19	19	19	19	20	20	20	20	20	20	20	20	20
Finance and Insurance	34	34	34	35	35	35	35	37	37	37	37	38	38	38
Real Estate and Rental and Leasing	56	56	57	57	59	59	60	60	61	62	62	62	64	64
Professional, Scientific, and Technical Services	99	100	101	103	105	106	108	109	110	112	112	114	115	116
Management of Companies and Enterprises	21	21	21	22	22	22	22	22	23	23	23	23	23	23
Administrative and Support and Waste Management	153	157	159	161	163	165	168	170	172	174	176	177	179	180
Educational Services	12	12	12	12	12	13	13	13	13	13	14	14	14	14
Health Care and Social Assistance	192	195	198	201	205	207	210	213	216	218	221	223	225	227
Arts, Entertainment, and Recreation	29	29	30	31	31	31	31	31	33	33	33	33	33	33
Accommodation and Food Services	169	171	173	175	177	179	181	182	184	186	188	189	191	191
Other Services (except Public Administration)	116	118	119	121	122	124	125	127	127	129	130	131	132	133
Government	201	204	207	209	212	214	216	217	220	221	222	224	225	227

Clayton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	14	14	14	14	14	14	14	14	14	14	14	14	14
Construction	71	71	72	73	73	73	74	74	74	75	74	74	75
Manufacturing	86	87	87	88	88	88	89	89	90	90	90	91	91
Wholesale Trade	51	51	51	51	51	52	52	52	52	52	52	52	53
Retail Trade	238	240	241	243	244	246	247	249	250	251	252	253	253
Transporatation and Warehousing	471	475	477	479	481	483	485	486	487	488	489	489	490
Information	21	21	21	21	21	22	22	22	22	22	22	22	21
Finance and Insurance	38	38	39	39	39	39	39	39	39	40	40	40	40
Real Estate and Rental and Leasing	64	64	65	65	65	66	66	66	66	67	67	67	68
Professional, Scientific, and Technical Services	117	118	119	119	120	120	121	122	122	123	124	123	124
Management of Companies and Enterprises	23	23	23	23	23	23	23	23	23	23	24	24	24
Administrative and Support and Waste Management	182	183	184	185	186	187	187	188	189	188	189	189	189
Educational Services	14	14	14	14	14	14	14	15	15	15	15	15	15
Health Care and Social Assistance	229	231	233	234	237	238	240	242	242	244	246	246	248
Arts, Entertainment, and Recreation	34	34	34	35	35	35	36	36	36	35	35	36	36
Accommodation and Food Services	193	194	195	196	197	198	199	200	200	200	201	201	202
Other Services (except Public Administration)	134	135	136	136	137	137	138	139	139	140	140	140	141
Government	228	228	229	230	230	231	231	231	231	231	231	230	230

Appendix F:
Impact of MARTA on Employment by Industry

Cobb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	1	2	1	1	1	1	1	1
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	3	4	4	3	3	3	3	3	3	3	2	2	2	2
Construction	339	498	452	374	383	350	338	337	328	320	321	315	318	322
Manufacturing	82	92	86	77	77	74	72	73	73	71	72	72	73	73
Wholesale Trade	152	184	177	160	161	156	154	156	156	157	158	158	160	162
Retail Trade	252	325	316	291	293	287	287	294	295	298	303	306	312	317
Transporatation and Warehousing	47	52	50	66	45	44	44	45	44	45	45	46	46	47
Information	56	69	66	58	61	59	58	60	60	61	62	62	64	66
Finance and Insurance	112	128	124	115	116	114	115	117	118	120	121	122	124	126
Real Estate and Rental and Leasing	56	81	79	72	71	70	70	72	72	73	74	75	76	78
Professional, Scientific, and Technical Services	251	310	299	273	281	275	277	286	290	295	303	309	320	331
Management of Companies and Enterprises	63	66	65	61	61	61	62	63	63	64	66	66	67	69
Administrative and Support and Waste Management	128	160	162	156	163	167	171	182	189	197	206	216	225	235
Educational Services	18	22	21	20	20	20	20	20	21	21	22	22	24	24
Health Care and Social Assistance	134	163	163	152	154	154	157	163	167	172	177	184	191	198
Arts, Entertainment, and Recreation	37	45	44	41	41	42	42	44	45	46	48	49	51	52
Accommodation and Food Services	116	140	137	128	128	127	128	143	133	136	139	142	145	148
Other Services (except Public Administration)	89	109	106	98	98	96	96	99	99	100	102	103	105	108
Government	31	35	32	28	25	24	23	23	22	21	21	20	20	19

Cobb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	2	2	2	2	2	1	1	1	1	1	1	1	1	1
Construction	324	327	330	333	335	338	340	343	345	348	351	352	355	357
Manufacturing	73	74	74	74	75	76	76	77	77	78	79	79	80	80
Wholesale Trade	165	168	170	172	175	177	179	181	183	186	188	190	192	194
Retail Trade	323	328	333	338	344	349	354	359	364	369	374	379	384	389
Transporatation and Warehousing	49	49	50	52	52	54	54	56	56	58	59	60	61	61
Information	68	69	71	72	73	74	76	78	79	81	82	83	85	85
Finance and Insurance	128	130	131	133	135	137	139	141	143	145	146	148	150	155
Real Estate and Rental and Leasing	79	81	83	84	85	88	89	90	92	93	95	96	98	99
Professional, Scientific, and Technical Services	343	354	366	377	387	399	409	420	432	441	452	462	472	481
Management of Companies and Enterprises	69	71	72	73	74	75	77	78	79	80	81	82	83	84
Administrative and Support and Waste Management	245	255	265	274	284	294	303	313	322	330	340	349	357	365
Educational Services	24	26	26	26	28	28	29	30	31	31	31	33	33	34
Health Care and Social Assistance	205	212	219	226	233	240	247	254	261	268	275	281	288	294
Arts, Entertainment, and Recreation	54	55	57	59	61	62	63	65	67	68	70	71	73	74
Accommodation and Food Services	151	155	158	161	164	167	170	173	176	179	182	185	187	190
Other Services (except Public Administration)	110	112	115	117	120	122	124	127	129	131	133	136	138	140
Government	19	18	18	17	17	16	16	16	16	15	15	15	15	15

Appendix F:
Impact of MARTA on Employment by Industry

Cobb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Construction	359	361	364	367	368	371	373	375	377	379	382	384	386	388
Manufacturing	80	81	81	82	83	83	84	85	85	85	87	87	88	88
Wholesale Trade	197	199	201	203	205	208	210	212	214	217	218	221	223	224
Retail Trade	393	399	404	409	414	419	423	429	434	439	444	449	455	459
Transporatation and Warehousing	63	64	66	67	68	69	71	72	72	74	76	77	78	79
Information	87	88	90	91	92	93	95	96	97	98	99	101	102	103
Finance and Insurance	154	156	158	160	162	164	166	168	170	172	174	176	178	181
Real Estate and Rental and Leasing	100	102	104	106	107	109	110	112	113	115	116	118	120	121
Professional, Scientific, and Technical Services	491	501	511	520	529	538	547	555	564	572	581	589	596	605
Management of Companies and Enterprises	85	87	87	88	89	91	91	93	94	95	96	97	98	99
Administrative and Support and Waste Management	373	382	389	397	405	412	419	426	432	438	445	451	457	462
Educational Services	34	36	36	37	37	38	38	40	40	41	42	42	43	43
Health Care and Social Assistance	306	308	314	320	327	333	339	345	351	358	364	369	376	381
Arts, Entertainment, and Recreation	76	77	78	80	81	83	84	85	87	88	90	91	93	94
Accommodation and Food Services	192	196	199	202	204	208	210	213	216	219	222	224	227	230
Other Services (except Public Administration)	143	145	147	150	152	154	157	159	161	164	166	169	171	174
Government	15	15	15	14	15	15	15	15	16	16	16	17	18	17

Cobb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	2	2	2	2	2	2	2	2	2	2	2	2	2
Construction	391	393	395	397	400	402	404	407	409	412	414	417	419
Manufacturing	89	89	90	91	91	92	93	93	94	95	96	97	98
Wholesale Trade	227	229	231	233	236	238	240	243	245	248	250	252	255
Retail Trade	465	470	475	481	487	492	498	504	510	516	522	528	535
Transporatation and Warehousing	80	82	83	85	86	88	89	91	92	94	96	98	100
Information	104	105	106	108	109	111	112	113	114	115	116	117	119
Finance and Insurance	183	185	187	189	192	195	197	200	202	204	207	210	213
Real Estate and Rental and Leasing	123	125	127	128	130	131	133	135	137	139	141	143	145
Professional, Scientific, and Technical Services	612	620	627	635	642	649	656	663	670	676	683	690	697
Management of Companies and Enterprises	100	101	102	103	104	105	106	107	109	110	111	112	114
Administrative and Support and Waste Management	468	473	478	483	488	492	497	501	505	509	512	516	520
Educational Services	44	45	46	46	47	48	48	49	50	51	52	53	53
Health Care and Social Assistance	388	393	399	405	411	417	423	429	434	440	446	452	458
Arts, Entertainment, and Recreation	95	96	97	99	100	101	103	104	105	107	108	110	111
Accommodation and Food Services	233	236	239	242	245	248	251	254	258	261	264	268	271
Other Services (except Public Administration)	176	178	181	184	186	189	192	195	198	200	203	206	209
Government	18	19	20	20	21	22	22	24	25	26	27	28	29

Appendix F:
Impact of MARTA on Employment by Industry

DeKalb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	8	9	8	9	9	9	9	9	9	9	9	9	9	10
Mining	1	2	2	2	2	2	1	1	1	1	1	1	1	1
Utilities	10	12	12	11	11	11	11	11	11	11	11	12	12	12
Construction	282	400	367	311	318	296	287	289	284	280	282	280	284	288
Manufacturing	183	208	201	187	190	188	188	192	193	196	199	201	205	209
Wholesale Trade	168	201	197	186	190	189	191	196	198	201	205	208	212	218
Retail Trade	341	398	398	381	391	393	400	414	421	430	441	451	462	474
Transporatation and Warehousing	116	129	128	161	127	128	131	136	139	142	146	150	154	159
Information	118	131	133	132	138	142	146	152	158	163	169	174	180	184
Finance and Insurance	172	192	193	189	193	196	201	208	213	218	224	230	235	240
Real Estate and Rental and Leasing	85	116	117	114	118	119	123	127	130	134	138	142	146	151
Professional, Scientific, and Technical Services	295	373	370	352	368	369	378	394	403	414	428	439	455	472
Management of Companies and Enterprises	54	57	58	57	58	60	61	64	65	67	69	71	72	75
Administrative and Support and Waste Management	206	242	251	251	265	277	287	304	317	332	347	361	377	392
Educational Services	140	173	178	174	181	185	191	201	208	215	223	231	239	248
Health Care and Social Assistance	290	352	361	355	368	377	390	407	421	437	454	470	488	505
Arts, Entertainment, and Recreation	67	82	84	84	88	91	94	99	102	106	110	114	118	122
Accommodation and Food Services	170	202	207	206	214	220	228	246	246	254	263	271	280	289
Other Services (except Public Administration)	180	219	224	221	228	233	240	250	258	266	274	282	291	300
Government	151	187	196	204	215	225	237	249	259	270	281	292	301	311

DeKalb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	10	10	10	10	10	10	10	11	11	11	11	11	11	11
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	11	12	12	12	12	13	13	13	13	13	13	13	13	13
Construction	292	295	299	302	306	309	312	315	318	321	324	327	330	332
Manufacturing	212	216	219	223	227	230	233	236	239	242	245	249	251	254
Wholesale Trade	222	226	231	235	239	244	247	252	256	259	263	267	270	274
Retail Trade	485	496	507	517	526	537	546	555	565	574	583	592	600	608
Transporatation and Warehousing	163	168	172	175	179	183	187	191	195	199	203	206	210	214
Information	190	195	200	205	210	215	219	223	228	231	236	240	243	247
Finance and Insurance	246	251	257	262	266	272	277	281	286	290	295	299	303	309
Real Estate and Rental and Leasing	155	159	163	167	171	174	178	181	185	188	192	195	198	201
Professional, Scientific, and Technical Services	487	502	518	532	547	562	576	590	605	617	629	642	655	667
Management of Companies and Enterprises	76	78	80	82	83	85	86	88	89	90	92	94	95	96
Administrative and Support and Waste Management	408	423	437	452	466	481	495	508	521	534	547	559	571	583
Educational Services	256	264	272	280	287	294	302	309	316	323	330	336	342	348
Health Care and Social Assistance	523	540	557	574	590	607	622	638	653	668	683	697	711	725
Arts, Entertainment, and Recreation	127	131	134	138	142	146	149	153	156	159	163	166	169	173
Accommodation and Food Services	297	305	312	320	328	335	342	349	356	362	369	374	381	387
Other Services (except Public Administration)	309	317	326	334	341	349	357	364	372	379	386	392	399	405
Government	320	330	339	348	356	364	372	380	387	395	402	408	414	420

Appendix F:
Impact of MARTA on Employment by Industry

DeKalb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	12	12	12	12	12	12	12	12	12	12	12	12	13	13
Mining	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Utilities	13	13	13	14	14	14	14	14	14	14	14	14	14	14
Construction	334	337	340	342	345	347	349	351	353	355	357	359	361	363
Manufacturing	256	259	262	265	266	269	271	274	276	278	280	282	285	286
Wholesale Trade	277	280	284	287	290	293	296	298	301	303	307	309	312	314
Retail Trade	616	624	632	639	647	654	661	668	675	681	688	694	700	707
Transporatation and Warehousing	217	220	224	226	230	234	236	239	243	245	248	251	254	257
Information	250	254	258	261	264	267	269	272	274	277	279	282	284	286
Finance and Insurance	311	316	320	324	328	332	335	339	342	345	349	352	355	358
Real Estate and Rental and Leasing	204	207	210	212	215	217	220	222	224	226	229	231	233	235
Professional, Scientific, and Technical Services	678	691	701	713	722	733	743	753	761	771	779	788	796	804
Management of Companies and Enterprises	98	99	100	101	102	103	105	106	106	108	108	110	110	112
Administrative and Support and Waste Management	594	605	616	626	636	646	655	664	673	680	688	695	703	710
Educational Services	354	360	366	372	378	383	388	393	398	403	408	412	417	421
Health Care and Social Assistance	741	752	764	778	789	802	814	825	836	846	857	867	878	887
Arts, Entertainment, and Recreation	175	178	181	184	187	189	191	194	196	198	201	203	204	207
Accommodation and Food Services	392	398	403	408	413	418	423	427	431	435	439	443	447	451
Other Services (except Public Administration)	411	417	423	429	434	440	445	450	455	459	465	469	473	478
Government	426	432	437	443	448	452	457	461	464	468	471	474	478	480

DeKalb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	13	13	13	13	13	13	13	13	13	13	13	13	13
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	14	14	14	14	14	14	15	15	15	15	15	15	15
Construction	365	366	369	370	372	374	375	377	378	379	381	383	384
Manufacturing	288	290	292	294	295	298	300	301	302	304	306	308	309
Wholesale Trade	316	318	320	323	325	327	329	331	333	334	336	338	339
Retail Trade	713	719	725	730	735	741	746	752	757	762	767	772	777
Transporatation and Warehousing	260	262	265	268	270	273	275	278	281	283	285	288	290
Information	288	290	292	293	294	296	297	298	300	300	302	302	303
Finance and Insurance	361	365	367	370	373	376	378	381	383	386	388	391	393
Real Estate and Rental and Leasing	236	238	239	242	243	245	246	248	249	250	252	253	254
Professional, Scientific, and Technical Services	811	818	826	832	838	844	850	856	861	866	871	876	880
Management of Companies and Enterprises	112	113	113	114	116	116	117	118	118	118	119	120	120
Administrative and Support and Waste Management	716	722	728	733	738	744	747	752	756	759	763	766	768
Educational Services	426	429	434	438	442	446	449	453	456	460	463	466	470
Health Care and Social Assistance	897	906	916	925	932	941	949	957	965	973	981	988	995
Arts, Entertainment, and Recreation	208	211	212	214	216	218	219	221	222	223	225	225	227
Accommodation and Food Services	454	457	461	464	466	469	472	474	477	479	482	484	485
Other Services (except Public Administration)	482	485	489	493	496	500	503	507	509	513	516	518	521
Government	483	485	487	489	491	492	493	493	494	494	495	494	494

Appendix F:
Impact of MARTA on Employment by Industry

Fayette County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2	1	1	2	2	2	2	2	2	2	2	2	3	3
Construction	32	37	37	36	38	39	40	41	42	43	45	46	48	49
Manufacturing	30	31	32	30	32	33	34	35	37	37	38	39	41	42
Wholesale Trade	13	15	16	16	17	18	19	20	20	21	21	22	23	23
Retail Trade	58	64	67	64	70	73	75	78	81	83	86	89	92	95
Transporatation and Warehousing	11	11	11	17	11	12	12	13	13	13	14	14	15	15
Information	4	4	5	5	5	5	6	6	6	6	7	7	7	7
Finance and Insurance	14	16	16	17	18	19	20	21	22	23	23	24	25	26
Real Estate and Rental and Leasing	17	21	23	23	25	26	28	29	30	31	32	34	35	36
Professional, Scientific, and Technical Services	29	31	33	33	36	38	40	41	43	45	46	48	51	52
Management of Companies and Enterprises	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	24	27	29	30	33	34	36	38	40	42	43	46	47	50
Educational Services	4	5	5	5	5	5	5	6	6	6	7	7	8	8
Health Care and Social Assistance	38	44	47	47	51	54	56	59	62	64	67	69	73	76
Arts, Entertainment, and Recreation	13	15	16	16	17	18	19	20	21	22	23	24	24	25
Accommodation and Food Services	29	35	37	37	40	42	44	49	48	49	51	53	55	57
Other Services (except Public Administration)	31	39	40	41	44	46	48	51	53	55	57	59	62	64
Government	33	41	44	47	50	53	56	59	63	65	68	70	73	76

Fayette County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	3	3	3	3	3	3	3	3	3	3	3	3	4	4
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	3	3	3	3	3	3	3	3	3	3	4	4	4	4
Construction	51	52	54	54	55	57	58	59	60	61	62	63	64	65
Manufacturing	43	44	45	46	47	48	49	50	51	52	54	55	55	56
Wholesale Trade	24	25	26	26	27	28	28	29	30	31	31	32	32	33
Retail Trade	97	100	103	105	107	110	113	114	116	119	121	123	125	127
Transporatation and Warehousing	16	16	17	17	18	17	17	18	18	18	19	19	19	21
Information	8	8	8	8	8	8	9	9	9	9	9	9	10	10
Finance and Insurance	26	27	28	28	30	30	31	32	32	33	33	34	34	35
Real Estate and Rental and Leasing	38	39	40	41	42	43	44	45	46	47	48	49	50	51
Professional, Scientific, and Technical Services	54	56	58	60	61	63	64	66	67	68	71	71	73	74
Management of Companies and Enterprises	2	2	3	3	3	3	3	3	3	3	3	3	3	3
Administrative and Support and Waste Management	51	53	55	57	58	60	61	63	64	66	67	69	70	72
Educational Services	8	8	8	9	9	9	9	9	10	10	10	10	10	10
Health Care and Social Assistance	79	81	83	86	89	91	93	96	98	101	102	104	107	109
Arts, Entertainment, and Recreation	26	27	28	29	30	30	31	32	33	33	34	34	35	36
Accommodation and Food Services	59	61	62	64	66	67	69	70	71	73	74	75	76	78
Other Services (except Public Administration)	66	68	70	72	73	75	77	78	80	82	84	85	86	87
Government	78	81	84	85	88	90	92	94	96	97	99	101	103	104

Appendix F:
Impact of MARTA on Employment by Industry

Fayette County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	66	67	68	68	69	70	71	71	72	73	73	73	74	75
Manufacturing	57	57	58	58	59	60	60	61	62	62	63	63	63	63
Wholesale Trade	33	34	34	34	35	35	35	36	36	36	36	36	37	37
Retail Trade	128	130	132	133	135	136	138	139	140	142	142	144	145	146
Transporatation and Warehousing	21	21	22	22	22	22	22	23	23	23	23	23	23	23
Information	10	10	10	10	10	10	10	11	11	11	11	11	11	11
Finance and Insurance	35	35	36	36	37	38	38	38	38	39	39	39	39	39
Real Estate and Rental and Leasing	52	52	53	54	54	55	56	57	57	57	58	58	59	59
Professional, Scientific, and Technical Services	75	77	78	78	80	81	81	83	83	84	85	86	86	86
Management of Companies and Enterprises	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Administrative and Support and Waste Management	73	75	75	77	78	79	80	80	82	82	83	84	84	84
Educational Services	11	11	12	12	12	12	12	12	12	12	12	12	12	12
Health Care and Social Assistance	111	112	114	115	117	119	120	122	123	125	125	127	128	129
Arts, Entertainment, and Recreation	37	37	37	38	39	39	40	40	40	41	42	42	42	42
Accommodation and Food Services	79	80	81	82	83	84	85	86	86	87	88	89	89	90
Other Services (except Public Administration)	89	90	92	93	94	94	95	97	98	98	99	100	101	101
Government	106	107	109	110	112	112	113	114	115	116	117	118	118	119

Fayette County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	4	4	4	4	4	4	4	4	4	4	4	4	4
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	75	75	75	76	76	76	76	77	77	77	77	78	78
Manufacturing	64	65	65	65	65	65	66	66	66	66	67	66	66
Wholesale Trade	37	37	37	37	37	37	38	38	38	38	38	38	38
Retail Trade	147	148	148	149	150	151	152	151	152	153	153	153	154
Transporatation and Warehousing	25	25	25	25	25	25	25	26	26	26	26	25	26
Information	11	11	11	11	11	11	11	11	11	11	11	11	11
Finance and Insurance	40	40	41	41	41	41	41	41	41	41	41	40	40
Real Estate and Rental and Leasing	60	60	60	60	61	61	61	61	61	62	62	62	61
Professional, Scientific, and Technical Services	87	88	88	89	89	89	89	89	90	90	90	89	90
Management of Companies and Enterprises	5	5	5	5	5	5	5	5	5	5	5	5	5
Administrative and Support and Waste Management	86	86	86	86	87	87	87	87	88	88	88	88	87
Educational Services	12	12	13	13	13	13	13	13	13	13	13	13	13
Health Care and Social Assistance	130	131	132	133	133	134	135	135	136	136	136	137	137
Arts, Entertainment, and Recreation	42	43	44	44	44	44	44	44	45	45	44	44	45
Accommodation and Food Services	90	90	91	91	92	92	93	93	92	93	93	93	93
Other Services (except Public Administration)	102	103	103	103	103	104	104	104	105	105	105	106	105
Government	119	120	120	120	120	120	120	120	120	120	120	120	120

Appendix F:
Impact of MARTA on Employment by Industry

Fulton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	7	10	10	10	10	10	10	10	11	11	11	11	11	11
Mining	2	4	3	3	3	3	3	3	2	2	2	2	2	2
Utilities	2	12	12	10	10	10	10	9	9	9	9	9	9	9
Construction	155	200	189	175	175	176	169	177	179	181	184	188	192	196
Manufacturing	223	259	250	231	236	233	231	236	238	240	242	245	249	254
Wholesale Trade	220	266	264	248	257	259	260	268	272	277	283	288	296	303
Retail Trade	412	493	489	459	471	471	475	490	498	508	519	529	543	556
Transporatation and Warehousing	5,373	5,339	5,084	4,900	4,651	4,625	4,767	4,842	4,895	4,992	5,071	5,153	5,245	5,335
Information	258	288	293	284	298	305	311	325	334	344	355	365	378	390
Finance and Insurance	324	378	377	356	370	373	380	391	399	408	418	426	436	446
Real Estate and Rental and Leasing	110	152	153	143	151	152	154	160	164	168	172	176	182	186
Professional, Scientific, and Technical Services	504	617	610	576	605	617	622	654	672	692	715	739	767	795
Management of Companies and Enterprises	95	115	115	111	117	118	121	125	129	132	136	139	143	146
Administrative and Support and Waste Management	401	485	497	481	516	531	551	581	604	629	656	683	713	742
Educational Services	110	141	143	135	142	145	149	156	160	166	172	178	184	190
Health Care and Social Assistance	368	454	461	443	461	468	481	502	519	536	556	576	598	620
Arts, Entertainment, and Recreation	137	169	175	177	187	195	202	213	221	230	239	247	257	266
Accommodation and Food Services	358	440	443	422	441	446	455	494	484	496	511	524	539	554
Other Services (except Public Administration)	227	284	287	275	285	289	296	306	315	323	332	341	352	363
Government	244	255	268	277	293	307	321	338	353	368	383	398	410	424

Fulton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	11	11	12	13	13	13	13	13	13	13	13	13	13	13
Mining	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Utilities	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Construction	200	205	208	212	216	220	223	227	231	234	237	241	244	247
Manufacturing	259	263	267	272	275	280	284	288	292	295	299	303	306	309
Wholesale Trade	310	317	323	330	336	342	348	353	360	365	370	376	380	385
Retail Trade	569	582	594	606	618	630	641	653	663	674	684	695	705	714
Transporatation and Warehousing	5,423	5,513	5,600	5,687	5,773	5,859	5,942	6,025	6,107	6,188	6,268	6,345	6,422	6,498
Information	402	414	425	437	447	459	469	480	489	500	509	518	528	536
Finance and Insurance	456	466	475	484	493	502	511	519	527	535	544	551	558	570
Real Estate and Rental and Leasing	191	196	201	205	210	215	219	223	227	231	235	239	243	246
Professional, Scientific, and Technical Services	823	851	878	904	930	956	981	1,006	1,032	1,054	1,077	1,100	1,122	1,142
Management of Companies and Enterprises	150	153	156	159	163	166	169	172	174	177	180	183	185	187
Administrative and Support and Waste Management	771	801	829	857	885	913	940	966	991	1,017	1,041	1,065	1,089	1,111
Educational Services	197	203	209	215	221	227	233	238	243	249	254	259	264	269
Health Care and Social Assistance	642	664	686	706	728	749	769	789	808	828	847	866	883	901
Arts, Entertainment, and Recreation	273	283	290	299	307	314	321	329	336	342	349	355	362	367
Accommodation and Food Services	569	583	597	610	624	638	650	662	674	686	698	710	721	731
Other Services (except Public Administration)	373	383	393	402	412	422	430	439	447	456	465	472	480	488
Government	436	449	460	471	483	493	504	514	523	533	542	551	559	567

Appendix F:
Impact of MARTA on Employment by Industry

Fulton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	14	15	15	15	15	15	15	15	15	15	15	15	15	15
Mining	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Utilities	9	9	9	9	9	9	9	9	9	9	9	9	10	10
Construction	250	253	256	259	262	265	267	270	273	275	277	280	282	285
Manufacturing	312	316	319	322	325	328	330	333	335	338	340	343	345	347
Wholesale Trade	390	395	399	403	407	411	415	419	422	426	429	432	435	438
Retail Trade	723	733	742	752	760	769	777	786	794	802	810	817	825	833
Transporatation and Warehousing	6,572	6,645	6,716	6,788	6,857	6,926	6,993	7,060	7,126	7,191	7,255	7,318	7,381	7,443
Information	545	554	562	570	577	585	592	598	605	611	617	623	629	634
Finance and Insurance	572	580	587	594	600	606	613	619	625	630	636	642	647	653
Real Estate and Rental and Leasing	250	253	257	260	263	266	269	272	275	278	281	283	286	289
Professional, Scientific, and Technical Services	1,162	1,184	1,203	1,223	1,241	1,259	1,276	1,292	1,308	1,323	1,338	1,353	1,366	1,379
Management of Companies and Enterprises	189	192	194	196	198	200	202	204	206	207	209	210	212	213
Administrative and Support and Waste Management	1,132	1,155	1,176	1,197	1,216	1,235	1,253	1,271	1,287	1,304	1,319	1,334	1,349	1,363
Educational Services	274	279	283	288	292	296	301	305	309	313	316	320	324	328
Health Care and Social Assistance	923	936	952	969	984	1,000	1,016	1,030	1,044	1,059	1,073	1,086	1,100	1,112
Arts, Entertainment, and Recreation	373	378	384	389	395	398	404	408	411	416	420	424	426	429
Accommodation and Food Services	741	752	762	772	781	791	799	808	817	825	833	841	849	856
Other Services (except Public Administration)	494	503	510	516	523	530	536	542	548	554	559	565	571	576
Government	574	582	589	596	603	608	614	620	625	629	634	638	642	645

Fulton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	15	16	16	16	16	16	16	16	16	16	16	16	16
Mining	3	3	3	3	3	3	3	3	3	3	3	3	3
Utilities	10	10	11	11	11	11	11	11	11	12	12	12	12
Construction	287	289	291	293	295	297	299	301	303	306	307	309	311
Manufacturing	349	351	354	355	358	360	362	364	366	368	370	371	373
Wholesale Trade	441	444	446	449	451	454	456	458	460	462	464	465	467
Retail Trade	839	847	854	861	868	875	881	888	895	902	908	915	922
Transporatation and Warehousing	7,505	7,566	7,626	7,687	7,746	7,805	7,864	7,923	7,981	8,039	8,096	8,154	8,210
Information	639	644	649	653	657	661	664	668	671	674	677	680	682
Finance and Insurance	658	663	668	673	677	683	687	692	696	700	705	709	714
Real Estate and Rental and Leasing	291	293	296	298	300	302	304	306	308	310	312	314	316
Professional, Scientific, and Technical Services	1,392	1,403	1,415	1,426	1,436	1,446	1,456	1,465	1,473	1,481	1,488	1,496	1,502
Management of Companies and Enterprises	215	216	218	219	220	221	222	223	224	225	225	226	227
Administrative and Support and Waste Management	1,375	1,387	1,399	1,411	1,421	1,431	1,441	1,450	1,458	1,465	1,473	1,479	1,485
Educational Services	331	335	338	341	345	348	351	354	358	360	363	366	369
Health Care and Social Assistance	1,125	1,137	1,149	1,161	1,172	1,183	1,194	1,206	1,216	1,226	1,236	1,246	1,256
Arts, Entertainment, and Recreation	433	435	439	441	442	444	446	448	450	452	453	455	455
Accommodation and Food Services	863	870	877	884	890	897	903	909	915	921	927	932	938
Other Services (except Public Administration)	581	586	591	595	600	604	608	613	617	620	625	629	632
Government	649	652	654	657	659	660	662	663	664	664	665	665	664

Appendix F:
Impact of MARTA on Employment by Industry

Gwinnett County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	3	3	3
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	215	341	299	258	244	238	207	219	210	207	204	203	204	206
Manufacturing	141	191	176	156	154	148	141	143	140	138	137	136	138	138
Wholesale Trade	113	137	138	134	138	141	141	148	150	155	158	163	167	170
Retail Trade	215	273	265	244	245	243	238	247	249	252	255	259	264	268
Transporatation and Warehousing	25	29	27	35	24	24	23	23	22	23	23	22	23	23
Information	36	45	42	37	39	37	36	37	37	37	38	38	39	40
Finance and Insurance	93	102	99	93	93	92	93	95	95	97	98	99	100	102
Real Estate and Rental and Leasing	21	31	30	27	27	27	26	27	28	28	29	29	30	31
Professional, Scientific, and Technical Services	106	146	139	127	128	128	124	131	132	134	137	140	144	150
Management of Companies and Enterprises	16	18	17	17	18	17	18	19	18	19	19	20	21	21
Administrative and Support and Waste Management	91	114	115	109	113	115	117	123	127	131	137	141	147	153
Educational Services	12	15	15	14	15	14	15	15	16	16	17	17	17	18
Health Care and Social Assistance	75	94	94	89	91	92	93	97	100	102	106	109	113	117
Arts, Entertainment, and Recreation	20	22	22	21	22	21	22	23	24	25	25	26	27	28
Accommodation and Food Services	81	100	98	92	93	93	93	102	98	99	102	104	107	108
Other Services (except Public Administration)	63	80	79	74	75	75	74	77	78	79	81	83	85	87
Government	30	36	35	35	35	35	35	36	37	37	38	39	40	41

Gwinnett County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	3	3	3	3	3	3	3	3	3	3	4	4	4	4
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	207	209	210	212	213	215	217	218	220	220	222	224	225	226
Manufacturing	140	141	142	143	145	146	147	148	149	150	152	153	154	155
Wholesale Trade	174	178	182	186	190	194	197	201	203	207	210	214	216	220
Retail Trade	274	279	283	288	292	297	302	306	310	314	319	323	327	331
Transporatation and Warehousing	24	23	24	24	25	25	26	26	26	27	27	27	28	28
Information	41	42	43	44	45	46	47	48	49	49	50	52	52	53
Finance and Insurance	103	105	106	107	109	110	111	113	114	115	117	118	120	123
Real Estate and Rental and Leasing	31	32	33	34	34	35	35	36	36	37	38	39	39	40
Professional, Scientific, and Technical Services	154	158	162	167	172	176	180	185	189	193	196	201	205	208
Management of Companies and Enterprises	21	21	22	22	23	23	23	24	24	25	25	25	25	25
Administrative and Support and Waste Management	158	164	170	176	181	186	191	197	202	207	212	217	222	227
Educational Services	18	19	20	20	20	21	22	22	23	23	24	24	25	25
Health Care and Social Assistance	121	126	130	134	138	141	146	149	153	156	161	165	168	172
Arts, Entertainment, and Recreation	29	30	30	32	32	33	34	35	35	37	37	38	39	39
Accommodation and Food Services	111	114	116	118	121	123	125	127	129	131	134	136	137	140
Other Services (except Public Administration)	89	91	93	95	98	99	101	103	105	107	109	111	112	114
Government	41	42	43	44	44	45	46	46	46	47	48	48	49	50

Appendix F:
Impact of MARTA on Employment by Industry

Gwinnett County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	227	229	230	232	233	234	235	236	238	239	240	242	243	244
Manufacturing	156	158	159	159	161	162	163	164	166	166	168	169	170	172
Wholesale Trade	222	224	226	229	231	233	236	238	240	241	244	246	247	247
Retail Trade	334	339	343	347	351	355	359	363	367	371	375	379	382	386
Transporatation and Warehousing	28	30	30	30	31	32	32	33	33	34	35	35	36	36
Information	54	55	55	57	57	59	59	60	61	61	62	64	64	65
Finance and Insurance	122	124	126	127	128	130	131	133	134	136	137	139	141	142
Real Estate and Rental and Leasing	40	41	41	41	43	43	44	45	45	45	46	47	47	48
Professional, Scientific, and Technical Services	211	215	220	223	226	229	233	236	240	242	245	248	251	254
Management of Companies and Enterprises	25	26	26	26	27	28	28	28	28	28	28	29	29	29
Administrative and Support and Waste Management	230	236	240	244	248	253	257	261	264	267	271	275	278	281
Educational Services	26	26	26	27	28	28	28	29	29	29	31	31	31	32
Health Care and Social Assistance	177	179	181	185	189	192	195	198	202	204	208	210	213	217
Arts, Entertainment, and Recreation	40	41	42	42	43	44	45	45	46	46	47	47	48	49
Accommodation and Food Services	142	144	145	148	150	152	153	155	157	159	161	162	165	166
Other Services (except Public Administration)	115	117	119	120	122	124	125	127	129	130	132	133	135	136
Government	50	50	51	52	52	53	54	54	56	56	57	57	57	57

Gwinnett County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	4	4	4	4	4	4	4	4	4	4	4	4	4
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	245	247	249	250	251	253	254	256	257	259	260	261	263
Manufacturing	173	174	175	176	177	179	180	181	183	184	186	188	189
Wholesale Trade	250	251	252	254	255	256	257	258	257	258	259	261	262
Retail Trade	390	394	398	402	406	410	414	418	423	427	431	435	440
Transporatation and Warehousing	37	38	38	39	40	41	41	42	43	44	45	46	47
Information	66	66	67	69	70	70	71	72	73	74	74	75	76
Finance and Insurance	144	146	147	149	151	152	154	156	158	160	161	163	166
Real Estate and Rental and Leasing	48	49	50	51	52	52	53	53	54	54	55	56	57
Professional, Scientific, and Technical Services	257	259	262	264	267	269	272	274	277	279	282	283	286
Management of Companies and Enterprises	29	30	30	30	30	30	31	31	31	31	32	32	32
Administrative and Support and Waste Management	284	288	290	293	296	298	301	304	306	309	311	313	316
Educational Services	32	33	33	33	34	34	35	35	36	36	37	37	38
Health Care and Social Assistance	219	222	224	228	231	233	236	239	241	244	247	250	253
Arts, Entertainment, and Recreation	49	50	50	51	52	52	53	53	54	54	55	56	56
Accommodation and Food Services	168	170	171	174	175	177	179	181	183	184	187	189	190
Other Services (except Public Administration)	138	140	141	142	144	145	147	148	150	152	154	154	156
Government	58	58	59	60	60	61	61	62	62	62	63	63	64

Appendix F:
Impact of MARTA on Employment by Industry

Henry County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	5	5	5	5	6	6	6	6	6	6	6	6	6	6
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	3	3	3	3	3	4	4	4	4	4	4	4	4	4
Construction	58	75	72	67	70	69	69	71	72	73	75	76	78	79
Manufacturing	40	43	42	40	41	41	41	42	42	42	43	43	44	44
Wholesale Trade	8	10	10	10	11	11	12	12	13	13	13	14	14	14
Retail Trade	68	79	81	80	84	87	90	93	96	99	102	104	107	110
Transporatation and Warehousing	15	18	19	23	20	21	22	23	24	25	26	27	28	29
Information	7	8	8	9	9	10	10	10	11	11	12	12	13	13
Finance and Insurance	12	14	15	15	15	16	16	17	17	18	18	19	19	20
Real Estate and Rental and Leasing	13	18	19	19	21	22	22	24	25	25	26	27	28	29
Professional, Scientific, and Technical Services	19	21	22	22	23	24	25	26	27	28	29	30	31	33
Management of Companies and Enterprises	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Administrative and Support and Waste Management	30	36	39	41	45	48	52	55	59	63	67	71	75	79
Educational Services	3	3	3	3	4	4	4	4	4	5	5	5	5	6
Health Care and Social Assistance	31	36	38	39	42	44	46	49	51	54	56	59	62	64
Arts, Entertainment, and Recreation	8	7	7	7	8	8	9	9	10	10	11	11	12	12
Accommodation and Food Services	31	39	40	40	42	44	46	51	49	51	53	55	56	58
Other Services (except Public Administration)	25	29	30	30	32	33	34	36	37	39	40	41	43	44
Government	1	2	4	5	6	7	8	9	10	11	11	12	13	13

Henry County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	81	83	84	86	87	88	90	91	92	93	94	95	96	97
Manufacturing	45	45	46	46	47	47	48	48	48	49	49	50	50	50
Wholesale Trade	15	15	15	16	16	16	16	17	17	17	17	18	18	18
Retail Trade	113	115	118	120	122	125	127	129	131	133	135	136	138	140
Transporatation and Warehousing	30	31	32	33	34	35	35	36	37	38	39	39	40	41
Information	13	14	14	14	15	15	15	16	16	16	17	17	17	18
Finance and Insurance	20	20	21	21	22	22	22	23	23	23	23	24	24	24
Real Estate and Rental and Leasing	30	31	32	33	34	34	35	36	36	37	38	38	39	40
Professional, Scientific, and Technical Services	34	35	36	37	38	39	40	41	43	43	44	45	46	47
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	84	88	92	96	100	104	107	111	115	118	122	125	129	132
Educational Services	6	6	6	6	7	7	7	7	7	8	8	8	8	8
Health Care and Social Assistance	67	70	72	75	78	80	82	85	87	89	92	94	96	98
Arts, Entertainment, and Recreation	12	13	13	14	14	15	15	15	16	16	16	17	17	17
Accommodation and Food Services	59	61	62	64	65	66	68	69	70	71	72	73	74	75
Other Services (except Public Administration)	45	47	48	49	50	51	53	54	55	56	57	58	58	59
Government	14	15	15	16	17	17	18	18	19	19	19	20	20	21

Appendix F:
Impact of MARTA on Employment by Industry

Henry County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Mining	2	2	2	3	3	3	3	3	3	3	3	3	3	3
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	98	99	100	101	102	102	103	104	104	105	106	106	106	107
Manufacturing	51	51	51	52	52	52	53	53	53	53	54	54	54	54
Wholesale Trade	18	18	19	19	19	19	19	19	19	19	20	20	20	20
Retail Trade	141	143	144	146	147	149	150	151	152	153	154	155	156	157
Transporatation and Warehousing	41	42	43	43	44	44	45	45	46	46	47	47	48	48
Information	18	18	18	18	19	19	19	19	19	20	20	20	20	20
Finance and Insurance	24	25	25	25	25	26	26	26	26	26	26	27	27	27
Real Estate and Rental and Leasing	40	41	41	42	42	43	43	43	44	44	44	45	45	45
Professional, Scientific, and Technical Services	48	49	50	50	51	52	53	53	54	54	55	56	56	57
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	135	138	141	143	146	148	151	153	155	157	159	160	162	164
Educational Services	8	9	9	9	9	9	9	9	9	9	10	10	10	10
Health Care and Social Assistance	100	102	103	105	107	109	110	112	113	114	116	117	118	119
Arts, Entertainment, and Recreation	18	18	18	19	19	19	19	20	20	20	20	21	21	21
Accommodation and Food Services	76	77	78	79	80	80	81	82	83	83	84	84	85	85
Other Services (except Public Administration)	60	61	62	63	63	64	65	65	66	67	67	68	68	69
Government	21	21	21	22	22	22	22	22	23	23	23	23	23	23

Henry County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	6	6	6	6	6	6	6	6	6	6	6	6	6
Mining	3	3	3	3	3	3	3	3	3	3	3	3	3
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	107	108	108	108	109	109	109	109	109	109	110	110	110
Manufacturing	54	55	55	55	55	55	56	56	56	56	56	56	56
Wholesale Trade	20	20	20	20	20	20	20	20	20	20	20	20	20
Retail Trade	158	159	160	161	161	162	163	163	164	164	165	165	165
Transporatation and Warehousing	48	49	49	49	49	50	50	50	50	50	50	51	51
Information	20	20	20	20	21	21	21	21	21	21	21	21	21
Finance and Insurance	27	27	27	27	27	28	28	28	28	28	28	28	28
Real Estate and Rental and Leasing	46	46	46	46	46	47	47	47	47	47	47	47	47
Professional, Scientific, and Technical Services	57	58	58	58	59	59	59	60	60	60	60	60	61
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	165	166	167	168	169	170	170	170	171	171	171	171	171
Educational Services	10	10	10	10	10	10	10	10	10	10	10	10	10
Health Care and Social Assistance	120	121	122	123	123	124	125	125	126	126	127	127	127
Arts, Entertainment, and Recreation	21	21	21	21	22	22	22	22	22	22	22	22	22
Accommodation and Food Services	86	86	87	87	88	88	88	89	89	89	90	90	90
Other Services (except Public Administration)	69	70	70	70	71	71	71	72	72	72	72	73	73
Government	23	23	23	23	23	22	22	22	22	22	21	21	21

Appendix F:
Impact of MARTA on Employment by Industry

Rockdale County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Mining	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	43	56	56	55	57	58	59	61	63	65	66	68	70	72
Manufacturing	55	60	61	61	64	65	67	69	71	73	75	76	78	80
Wholesale Trade	15	17	18	18	19	20	20	21	22	23	23	24	24	25
Retail Trade	47	54	56	56	58	60	62	65	67	69	71	73	75	77
Transporatation and Warehousing	6	7	7	9	8	8	8	9	9	10	10	10	11	11
Information	14	15	16	16	17	18	18	19	20	20	21	22	22	23
Finance and Insurance	8	9	10	10	10	11	11	11	12	12	13	13	13	13
Real Estate and Rental and Leasing	9	12	13	14	15	15	16	17	18	18	19	20	21	21
Professional, Scientific, and Technical Services	18	21	22	22	23	24	25	27	28	29	30	31	33	34
Management of Companies and Enterprises	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	30	35	38	41	44	48	51	55	59	62	66	70	75	79
Educational Services	2	3	3	3	3	3	3	4	4	4	4	4	5	5
Health Care and Social Assistance	29	36	38	39	42	44	46	49	52	54	57	60	63	66
Arts, Entertainment, and Recreation	7	7	7	7	8	8	9	9	10	10	10	11	11	12
Accommodation and Food Services	27	32	34	34	36	37	38	41	42	43	45	46	47	49
Other Services (except Public Administration)	17	21	22	22	23	24	25	26	27	28	30	30	32	33
Government	1	1	2	3	3	4	4	4	5	5	6	6	6	7

Rockdale County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	73	75	77	78	80	81	82	84	85	86	87	88	89	90
Manufacturing	82	83	85	86	88	89	91	92	93	94	95	96	97	98
Wholesale Trade	26	26	27	27	28	28	29	29	30	30	30	31	31	31
Retail Trade	79	81	82	84	86	87	89	90	92	93	94	96	97	98
Transporatation and Warehousing	11	12	12	12	13	13	13	14	14	14	14	15	15	15
Information	23	24	24	25	25	25	26	26	27	27	27	28	28	28
Finance and Insurance	14	14	14	15	15	15	15	16	16	16	16	16	17	17
Real Estate and Rental and Leasing	22	23	24	24	25	26	26	27	27	28	28	29	29	30
Professional, Scientific, and Technical Services	35	36	37	38	39	41	42	43	44	44	45	46	47	48
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	3	3	3	3	3
Administrative and Support and Waste Management	83	87	91	96	100	103	107	111	115	118	122	125	129	132
Educational Services	5	5	5	6	6	6	6	6	6	6	7	7	7	7
Health Care and Social Assistance	69	71	74	77	80	82	85	87	90	92	94	96	99	101
Arts, Entertainment, and Recreation	12	13	13	14	14	14	15	15	16	16	16	17	17	17
Accommodation and Food Services	50	51	53	54	55	56	57	58	59	60	61	62	62	63
Other Services (except Public Administration)	34	34	35	36	37	38	39	40	40	41	42	42	43	44
Government	7	7	8	8	8	8	9	9	9	10	10	10	10	10

Appendix F:
Impact of MARTA on Employment by Industry

Rockdale County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	91	92	93	94	95	96	96	97	98	98	99	99	100	100
Manufacturing	99	100	101	102	103	104	104	105	106	106	107	107	108	108
Wholesale Trade	32	32	32	33	33	33	33	34	34	34	34	34	34	34
Retail Trade	99	100	101	102	103	104	105	106	106	107	108	108	109	110
Transporatation and Warehousing	15	16	16	16	16	16	16	17	17	17	17	17	17	17
Information	28	29	29	29	29	30	30	30	30	30	31	31	31	31
Finance and Insurance	17	17	17	17	18	18	18	18	18	18	18	18	19	19
Real Estate and Rental and Leasing	30	31	31	32	32	32	33	33	33	34	34	34	34	35
Professional, Scientific, and Technical Services	49	50	50	51	52	52	53	54	54	55	55	56	56	57
Management of Companies and Enterprises	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Administrative and Support and Waste Management	135	138	141	143	146	148	151	153	155	157	159	160	162	163
Educational Services	7	7	7	7	8	8	8	8	8	8	8	8	8	8
Health Care and Social Assistance	103	105	107	108	110	112	113	115	116	118	119	120	121	122
Arts, Entertainment, and Recreation	18	18	18	18	19	19	19	19	20	20	20	20	20	20
Accommodation and Food Services	64	65	65	66	67	67	68	69	69	70	70	71	71	71
Other Services (except Public Administration)	44	45	45	46	47	47	47	48	48	49	49	49	50	50
Government	11	11	11	11	11	11	11	11	11	12	12	12	12	12

Rockdale County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	2	2	2	2	2	2	2	2	2	2	2	2	2
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1
Construction	101	101	101	101	102	102	102	102	102	102	102	102	102
Manufacturing	109	109	109	110	110	110	110	111	111	111	111	111	111
Wholesale Trade	35	35	35	35	35	35	35	35	35	35	35	35	35
Retail Trade	110	111	111	112	112	112	113	113	113	113	114	114	114
Transporatation and Warehousing	17	17	18	18	18	18	18	18	18	18	18	18	18
Information	31	31	31	31	31	31	31	31	31	31	31	31	31
Finance and Insurance	19	19	19	19	19	19	19	19	19	19	19	19	19
Real Estate and Rental and Leasing	35	35	35	35	35	35	35	36	36	36	36	36	36
Professional, Scientific, and Technical Services	57	57	58	58	58	58	59	59	59	59	59	59	59
Management of Companies and Enterprises	3	3	3	3	3	3	3	3	3	3	3	3	3
Administrative and Support and Waste Management	165	166	167	168	168	169	169	170	170	170	170	169	169
Educational Services	8	8	8	9	9	9	9	9	9	9	9	9	9
Health Care and Social Assistance	123	124	125	126	127	127	128	128	129	129	130	130	130
Arts, Entertainment, and Recreation	21	21	21	21	21	21	21	21	21	21	21	21	22
Accommodation and Food Services	72	72	72	73	73	73	73	73	74	74	74	74	74
Other Services (except Public Administration)	50	51	51	51	51	51	52	52	52	52	52	52	52
Government	12	12	12	12	12	11	11	11	11	11	11	11	11

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta East

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	12	14	14	15	15	16	16	16	17	17	17	17	17	17
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Construction	55	75	72	70	70	73	71	75	76	78	80	82	84	86
Manufacturing	74	86	86	84	86	87	88	91	92	94	96	97	99	101
Wholesale Trade	9	9	10	10	11	11	11	12	12	13	13	13	14	14
Retail Trade	57	67	69	68	72	74	76	79	82	84	87	90	92	95
Transporatation and Warehousing	11	13	14	17	15	16	16	17	18	18	19	20	21	21
Information	2	3	3	3	3	3	3	4	4	4	4	4	4	4
Finance and Insurance	10	12	12	13	13	14	14	15	15	15	16	16	17	17
Real Estate and Rental and Leasing	9	13	14	14	15	16	16	17	18	19	20	20	21	22
Professional, Scientific, and Technical Services	12	15	16	16	16	17	18	19	20	20	21	22	23	24
Management of Companies and Enterprises	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	20	24	26	27	29	31	33	35	37	40	42	44	47	49
Educational Services	5	7	7	7	7	8	8	9	9	10	10	11	11	12
Health Care and Social Assistance	34	40	42	42	45	47	50	53	56	58	61	64	67	70
Arts, Entertainment, and Recreation	4	4	4	4	4	4	5	5	5	5	6	6	6	6
Accommodation and Food Services	23	28	29	29	31	32	33	35	36	37	38	39	41	42
Other Services (except Public Administration)	24	29	31	31	32	34	35	37	38	40	41	42	44	45
Government	0	1	2	4	5	6	7	7	8	9	10	10	11	12

Atlanta East *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	17	18	18	18	18	18	18	18	18	18	18	18	18	18
Mining	2	2	2	2	2	2	2	2	2	3	3	3	3	3
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	88	91	93	94	96	98	100	101	103	105	106	107	109	110
Manufacturing	103	104	106	107	109	111	112	113	115	116	117	119	120	121
Wholesale Trade	15	15	15	16	16	16	16	17	17	17	18	18	18	18
Retail Trade	98	100	102	105	107	109	111	113	115	117	119	120	122	124
Transporatation and Warehousing	22	23	24	24	25	26	26	27	28	28	29	29	30	30
Information	5	5	5	5	5	5	5	6	6	6	6	6	6	6
Finance and Insurance	18	18	18	19	19	19	20	20	20	20	21	21	21	21
Real Estate and Rental and Leasing	23	24	24	25	26	27	27	28	29	29	30	31	31	32
Professional, Scientific, and Technical Services	25	26	26	27	28	29	30	30	31	32	33	33	34	35
Management of Companies and Enterprises	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Administrative and Support and Waste Management	52	54	56	59	61	63	65	68	70	72	74	76	78	80
Educational Services	12	13	13	13	14	14	15	15	16	16	16	17	17	17
Health Care and Social Assistance	74	77	80	82	85	88	91	94	96	99	101	104	106	108
Arts, Entertainment, and Recreation	7	7	7	7	8	8	8	8	8	9	9	9	9	9
Accommodation and Food Services	43	45	46	47	48	49	50	51	52	53	54	55	55	56
Other Services (except Public Administration)	47	48	50	51	52	54	55	56	57	58	59	60	61	62
Government	12	13	13	14	15	15	16	16	17	17	17	18	18	18

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta East *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Mining	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	111	112	113	115	116	117	117	118	119	120	121	121	122	122
Manufacturing	122	123	124	125	126	127	128	128	129	130	131	131	132	132
Wholesale Trade	18	19	19	19	19	19	19	20	20	20	20	20	20	20
Retail Trade	125	127	128	129	131	132	133	134	135	136	137	138	139	140
Transporatation and Warehousing	31	31	32	32	33	33	34	34	34	35	35	35	35	36
Information	6	6	7	7	7	7	7	7	7	7	7	7	7	7
Finance and Insurance	22	22	22	22	22	23	23	23	23	23	23	23	24	24
Real Estate and Rental and Leasing	32	33	33	34	34	34	35	35	36	36	36	37	37	37
Professional, Scientific, and Technical Services	35	36	36	37	37	38	38	39	39	40	40	40	41	41
Management of Companies and Enterprises	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Administrative and Support and Waste Management	81	83	85	86	88	89	90	92	93	94	95	96	97	98
Educational Services	18	18	18	18	19	19	19	19	20	20	20	20	20	21
Health Care and Social Assistance	111	113	115	117	119	120	122	124	125	127	128	129	131	132
Arts, Entertainment, and Recreation	10	10	10	10	10	10	10	11	11	11	11	11	11	11
Accommodation and Food Services	57	58	58	59	60	60	61	61	62	62	63	63	64	64
Other Services (except Public Administration)	63	64	65	66	66	67	68	69	69	70	70	71	72	72
Government	19	19	19	20	20	20	20	20	21	21	21	21	21	21

Atlanta East *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	18	18	18	18	18	18	18	18	18	18	18	18	18
Mining	3	3	3	3	3	3	3	3	3	3	3	3	3
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	123	123	124	124	125	125	125	125	125	125	126	125	126
Manufacturing	133	134	134	134	135	135	135	136	136	136	136	136	137
Wholesale Trade	20	20	20	20	20	20	20	20	20	20	20	20	20
Retail Trade	141	141	142	143	143	144	144	144	145	145	145	146	146
Transporatation and Warehousing	36	36	36	37	37	37	37	37	37	37	37	37	37
Information	7	7	7	7	7	7	7	7	7	7	7	7	7
Finance and Insurance	24	24	24	24	24	24	24	24	24	24	24	24	24
Real Estate and Rental and Leasing	37	38	38	38	38	38	38	38	38	39	39	39	39
Professional, Scientific, and Technical Services	41	42	42	42	42	42	43	43	43	43	43	43	43
Management of Companies and Enterprises	3	3	3	3	3	3	3	3	3	3	3	3	3
Administrative and Support and Waste Management	99	99	100	101	101	102	102	102	102	102	103	103	103
Educational Services	21	21	21	21	21	21	21	21	22	22	22	22	22
Health Care and Social Assistance	133	134	135	136	137	137	138	138	139	139	140	140	140
Arts, Entertainment, and Recreation	11	11	11	12	12	12	12	12	12	12	12	12	12
Accommodation and Food Services	65	65	65	65	66	66	66	66	67	67	67	67	67
Other Services (except Public Administration)	72	73	73	74	74	74	75	75	75	75	75	75	76
Government	21	21	21	21	20	20	20	20	20	20	19	19	19

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta North

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	8	9	9	9	10	10	10	10	10	11	11	11	11	11
Mining	1	2	2	1	1	1	1	1	1	1	2	2	2	2
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	64	85	82	79	80	81	80	84	86	88	90	92	95	97
Manufacturing	82	91	91	87	89	90	90	93	94	96	97	99	100	102
Wholesale Trade	17	21	23	23	24	25	26	27	28	29	30	31	32	33
Retail Trade	62	75	76	75	77	78	80	83	85	87	90	92	94	97
Transporatation and Warehousing	11	12	12	15	12	12	13	13	14	14	14	15	15	16
Information	6	5	5	6	6	6	7	7	8	8	9	9	9	10
Finance and Insurance	13	15	16	16	16	17	17	18	18	19	19	20	20	21
Real Estate and Rental and Leasing	10	15	15	15	16	17	17	18	19	19	20	21	21	22
Professional, Scientific, and Technical Services	24	29	30	30	31	33	34	36	38	40	41	43	45	47
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	3	3	3	3	3
Administrative and Support and Waste Management	23	27	28	29	31	33	35	38	40	42	45	48	50	53
Educational Services	2	3	3	3	3	3	3	3	3	3	4	4	4	4
Health Care and Social Assistance	26	32	33	33	35	36	38	40	42	44	47	49	52	54
Arts, Entertainment, and Recreation	7	8	8	8	8	8	8	9	9	9	10	10	11	11
Accommodation and Food Services	28	33	33	33	34	34	35	37	37	39	40	41	42	43
Other Services (except Public Administration)	24	29	29	29	30	30	31	32	33	34	35	36	37	39
Government	2	3	5	6	8	9	10	11	12	13	13	14	15	16

Atlanta North *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	99	101	103	105	107	109	111	113	114	116	118	119	121	122
Manufacturing	104	105	107	108	110	111	112	114	115	116	117	118	120	120
Wholesale Trade	33	34	35	35	36	36	37	38	38	39	39	39	40	40
Retail Trade	99	102	104	106	108	110	112	114	116	118	120	121	123	124
Transporatation and Warehousing	16	17	17	17	18	18	19	19	19	20	20	20	21	21
Information	10	11	11	12	12	12	13	13	14	14	14	15	15	15
Finance and Insurance	21	22	22	23	23	23	24	24	24	25	25	25	26	26
Real Estate and Rental and Leasing	23	23	24	25	25	26	27	27	28	28	29	29	30	30
Professional, Scientific, and Technical Services	49	51	53	54	56	58	59	61	63	64	66	67	69	69
Management of Companies and Enterprises	3	3	3	3	3	3	3	3	3	4	4	4	4	4
Administrative and Support and Waste Management	56	58	61	64	66	69	71	73	76	78	80	83	85	86
Educational Services	4	4	5	5	5	5	5	5	5	6	6	6	6	6
Health Care and Social Assistance	57	59	61	64	66	68	71	73	75	77	79	81	83	85
Arts, Entertainment, and Recreation	11	12	12	13	13	13	14	14	14	15	15	15	16	16
Accommodation and Food Services	44	45	46	47	48	49	50	51	52	53	54	55	55	56
Other Services (except Public Administration)	40	41	42	43	44	45	46	47	48	49	50	50	51	52
Government	17	17	18	19	19	20	21	21	22	22	23	23	24	24

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta North *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	123	125	126	127	128	129	131	132	133	134	134	135	136	137
Manufacturing	122	123	124	125	126	126	127	128	129	130	130	131	132	132
Wholesale Trade	41	41	42	42	42	43	43	43	43	44	44	44	44	45
Retail Trade	126	128	129	131	132	133	135	136	137	138	140	141	142	143
Transporatation and Warehousing	21	22	22	22	23	23	23	24	24	24	24	25	25	25
Information	16	16	16	17	17	17	17	18	18	18	18	19	19	19
Finance and Insurance	26	26	27	27	27	27	28	28	28	28	28	29	29	29
Real Estate and Rental and Leasing	30	31	31	32	32	32	33	33	33	34	34	34	35	35
Professional, Scientific, and Technical Services	71	73	74	75	76	77	78	79	80	81	82	83	84	85
Management of Companies and Enterprises	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Administrative and Support and Waste Management	88	91	93	94	96	98	99	101	102	104	105	106	107	108
Educational Services	6	6	6	6	7	7	7	7	7	7	7	7	7	7
Health Care and Social Assistance	90	89	91	93	94	96	97	99	100	102	103	104	105	107
Arts, Entertainment, and Recreation	16	17	17	17	17	18	18	18	18	19	19	19	19	19
Accommodation and Food Services	57	58	58	59	60	60	61	62	62	63	63	64	64	65
Other Services (except Public Administration)	53	54	54	55	56	56	57	58	58	59	59	60	61	61
Government	25	25	25	26	26	26	27	27	27	27	27	27	27	27

Atlanta North *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	11	11	11	11	11	11	11	11	11	11	11	11	11
Mining	2	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	138	138	139	140	140	141	141	142	142	143	143	143	144
Manufacturing	133	134	134	135	135	136	136	136	137	137	138	138	138
Wholesale Trade	45	45	45	45	46	46	46	46	46	46	46	46	47
Retail Trade	144	145	146	147	148	149	149	150	151	152	153	153	154
Transporatation and Warehousing	25	25	26	26	26	26	26	27	27	27	27	27	27
Information	19	19	19	20	20	20	20	20	20	20	20	20	20
Finance and Insurance	29	29	29	30	30	30	30	30	30	30	30	31	31
Real Estate and Rental and Leasing	35	35	35	36	36	36	36	36	36	37	37	37	37
Professional, Scientific, and Technical Services	85	86	86	87	88	88	89	89	89	90	90	90	90
Management of Companies and Enterprises	4	4	4	4	4	4	4	4	4	4	4	4	4
Administrative and Support and Waste Management	109	110	111	112	112	113	113	114	114	114	115	115	115
Educational Services	7	7	8	8	8	8	8	8	8	8	8	8	8
Health Care and Social Assistance	108	109	110	111	111	112	113	114	115	115	116	116	117
Arts, Entertainment, and Recreation	20	20	20	20	20	21	21	21	21	21	21	21	22
Accommodation and Food Services	65	66	66	67	67	68	68	68	69	69	70	70	70
Other Services (except Public Administration)	62	62	63	63	64	64	64	65	65	66	66	66	67
Government	27	27	27	27	27	27	27	26	26	26	26	25	25

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta South

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	11	12	13	13	14	14	15	15	15	15	16	16	16	16
Mining	1	0	0	0	1	1	1	1	1	1	1	1	1	1
Utilities	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Construction	30	39	41	40	44	46	47	50	52	54	56	58	60	61
Manufacturing	64	71	73	72	75	77	78	80	81	82	84	84	86	87
Wholesale Trade	13	10	11	11	12	13	14	14	15	15	16	16	17	17
Retail Trade	43	49	52	51	56	59	61	64	67	69	72	74	77	79
Transporatation and Warehousing	5	7	7	10	8	8	9	9	9	10	10	10	11	11
Information	3	4	4	5	5	6	6	6	7	7	7	8	8	9
Finance and Insurance	12	13	14	14	15	16	16	17	18	19	19	20	20	21
Real Estate and Rental and Leasing	8	12	13	13	15	16	17	18	19	20	20	21	22	23
Professional, Scientific, and Technical Services	7	10	11	11	12	12	13	13	14	15	15	16	16	17
Management of Companies and Enterprises	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Administrative and Support and Waste Management	19	22	25	26	29	31	34	37	39	42	45	48	51	54
Educational Services	3	4	4	4	4	4	4	5	5	5	5	6	6	6
Health Care and Social Assistance	31	34	37	37	41	44	47	50	53	56	59	62	65	68
Arts, Entertainment, and Recreation	2	4	4	4	5	5	5	5	6	6	6	7	7	7
Accommodation and Food Services	20	23	24	24	26	28	29	36	32	33	35	36	37	38
Other Services (except Public Administration)	27	33	35	35	39	41	43	45	47	49	51	53	55	57
Government	0	1	2	3	4	4	5	6	6	7	7	8	8	9

Atlanta South *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	16	16	16	16	16	16	16	17	17	17	17	17	17	17
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	63	65	67	69	70	72	73	75	76	77	79	80	81	82
Manufacturing	88	89	90	91	93	93	94	95	96	97	98	99	99	100
Wholesale Trade	18	19	19	19	20	20	21	21	21	22	22	22	23	23
Retail Trade	82	84	86	88	90	92	94	95	97	99	100	102	103	104
Transporatation and Warehousing	11	12	12	12	13	13	13	13	14	14	14	14	14	15
Information	9	9	10	10	11	11	11	12	12	13	13	13	14	14
Finance and Insurance	21	22	22	23	23	24	24	25	25	25	26	26	26	27
Real Estate and Rental and Leasing	24	25	26	27	27	28	29	30	30	31	32	32	33	33
Professional, Scientific, and Technical Services	18	18	19	19	20	20	21	21	22	22	22	23	23	23
Management of Companies and Enterprises	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	57	60	63	66	69	72	75	78	80	83	85	88	90	93
Educational Services	6	6	7	7	7	7	7	7	8	8	8	8	8	8
Health Care and Social Assistance	71	74	77	80	83	86	89	92	94	97	99	102	104	106
Arts, Entertainment, and Recreation	8	8	8	8	9	9	9	9	10	10	10	10	10	11
Accommodation and Food Services	40	41	42	43	44	45	46	47	48	48	49	50	51	51
Other Services (except Public Administration)	59	61	62	64	66	67	69	70	72	73	74	76	77	78
Government	9	9	10	10	11	11	11	12	12	12	13	13	13	13

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta South *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	83	84	85	86	87	88	88	89	90	90	91	92	92	92
Manufacturing	101	101	102	103	103	104	104	105	105	105	106	106	107	107
Wholesale Trade	23	24	24	24	24	24	25	25	25	25	25	25	25	26
Retail Trade	106	107	108	109	110	111	112	113	114	114	115	116	116	117
Transporatation and Warehousing	15	15	15	15	16	16	16	16	16	16	16	16	17	17
Information	14	15	15	15	15	16	16	16	16	17	17	17	17	17
Finance and Insurance	27	27	28	28	28	28	28	29	29	29	29	29	29	29
Real Estate and Rental and Leasing	34	34	35	35	36	36	36	37	37	37	38	38	38	38
Professional, Scientific, and Technical Services	24	24	24	25	25	25	25	26	26	26	26	26	27	27
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	95	97	99	101	103	105	107	108	110	111	112	114	115	116
Educational Services	8	9	9	9	9	9	9	9	9	9	9	9	9	10
Health Care and Social Assistance	109	111	113	115	116	118	120	121	123	124	126	127	128	129
Arts, Entertainment, and Recreation	11	11	11	11	11	12	12	12	12	12	12	12	12	12
Accommodation and Food Services	52	52	53	54	54	55	55	56	56	56	57	57	57	58
Other Services (except Public Administration)	79	80	81	83	83	84	85	86	87	87	88	89	89	90
Government	14	14	14	14	14	14	15	15	15	15	15	15	15	15

Atlanta South *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	17	17	17	17	17	17	17	17	17	17	17	17	16
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	93	93	93	94	94	94	94	94	94	94	94	94	94
Manufacturing	107	108	108	108	108	108	109	109	109	109	109	109	109
Wholesale Trade	26	26	26	26	26	26	26	26	26	26	26	26	26
Retail Trade	117	118	118	119	119	119	119	120	120	120	120	120	120
Transporatation and Warehousing	17	17	17	17	17	17	17	17	17	17	17	17	17
Information	18	18	18	18	18	18	18	18	18	18	18	18	18
Finance and Insurance	30	30	30	30	30	30	30	30	30	30	30	30	30
Real Estate and Rental and Leasing	39	39	39	39	39	39	39	39	39	39	39	39	39
Professional, Scientific, and Technical Services	27	27	27	27	27	27	27	27	27	27	27	27	27
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	117	117	118	119	119	119	120	120	120	120	120	120	119
Educational Services	10	10	10	10	10	10	10	10	10	10	10	10	10
Health Care and Social Assistance	130	131	132	132	133	134	134	134	135	135	135	135	135
Arts, Entertainment, and Recreation	13	13	13	13	13	13	13	13	13	13	13	13	13
Accommodation and Food Services	58	58	58	58	59	59	59	59	59	59	59	59	59
Other Services (except Public Administration)	90	90	91	91	92	92	92	92	92	92	92	92	92
Government	15	15	15	15	15	15	14	14	14	14	14	14	13

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta West

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	11	13	13	13	14	14	14	15	15	15	15	15	16	16
Mining	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	2	3	3	3	3	3	4	4	4	4	4	4	4	4
Construction	62	81	80	76	80	81	83	86	88	90	93	95	98	100
Manufacturing	65	72	72	70	72	73	73	75	76	77	78	79	81	82
Wholesale Trade	8	10	11	11	11	12	12	13	13	14	14	14	15	15
Retail Trade	57	68	70	70	74	76	79	82	85	88	90	93	96	99
Transporatation and Warehousing	8	10	10	13	11	11	12	12	13	14	14	15	15	16
Information	5	6	6	6	7	7	7	8	8	9	9	9	10	10
Finance and Insurance	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Real Estate and Rental and Leasing	10	15	16	17	18	19	20	21	22	23	24	25	27	28
Professional, Scientific, and Technical Services	18	20	21	21	22	23	24	25	26	27	28	29	30	31
Management of Companies and Enterprises	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Administrative and Support and Waste Management	18	21	23	24	26	27	29	31	32	34	36	38	40	42
Educational Services	3	3	3	3	3	3	3	4	4	4	4	4	5	5
Health Care and Social Assistance	33	40	42	43	46	48	51	54	56	59	62	65	68	71
Arts, Entertainment, and Recreation	7	8	8	8	9	9	10	10	11	11	12	13	13	14
Accommodation and Food Services	21	24	26	26	27	28	29	32	32	33	34	35	36	37
Other Services (except Public Administration)	28	32	34	34	36	37	39	41	42	44	46	47	49	51
Government	1	1	2	4	5	6	7	8	9	10	11	12	12	13

Atlanta West *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	103	106	108	111	113	115	117	119	121	124	125	127	129	131
Manufacturing	83	84	86	87	88	89	90	91	92	93	93	94	95	96
Wholesale Trade	16	16	16	17	17	17	18	18	18	19	19	19	19	20
Retail Trade	101	104	106	109	111	113	116	118	120	122	124	125	127	129
Transporatation and Warehousing	16	17	17	18	18	19	19	20	20	21	21	22	22	22
Information	10	11	11	12	12	12	13	13	13	14	14	14	14	15
Finance and Insurance	19	19	20	20	20	21	21	22	22	22	22	23	23	23
Real Estate and Rental and Leasing	29	30	31	32	33	34	35	36	37	38	39	39	40	41
Professional, Scientific, and Technical Services	32	34	35	36	37	38	39	40	41	42	43	44	45	46
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Administrative and Support and Waste Management	44	46	48	50	52	53	55	57	59	60	62	63	65	66
Educational Services	5	5	5	6	6	6	6	6	7	7	7	7	7	7
Health Care and Social Assistance	74	77	80	83	86	89	92	94	97	100	102	104	107	109
Arts, Entertainment, and Recreation	14	15	15	16	17	17	18	18	19	19	20	20	21	21
Accommodation and Food Services	38	39	41	42	42	43	44	45	46	47	48	48	49	50
Other Services (except Public Administration)	52	54	56	57	59	60	62	63	64	66	67	68	69	70
Government	14	14	15	16	16	17	17	18	18	19	19	20	20	21

Appendix F:
Impact of MARTA on Employment by Industry

Atlanta West *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	132	134	135	137	138	139	140	141	143	144	145	145	146	147
Manufacturing	96	97	98	98	99	100	100	101	101	101	102	102	103	103
Wholesale Trade	20	20	20	20	20	21	21	21	21	21	21	21	21	22
Retail Trade	130	132	133	135	136	137	139	140	141	142	143	144	145	146
Transporatation and Warehousing	23	23	24	24	24	25	25	25	25	26	26	26	26	27
Information	15	15	15	16	16	16	16	16	17	17	17	17	17	17
Finance and Insurance	23	24	24	24	24	25	25	25	25	25	25	26	26	26
Real Estate and Rental and Leasing	42	43	43	44	45	45	46	46	47	47	48	48	49	49
Professional, Scientific, and Technical Services	46	47	48	49	50	50	51	52	52	53	53	54	54	55
Management of Companies and Enterprises	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Administrative and Support and Waste Management	67	69	70	71	72	74	75	76	77	77	78	79	80	80
Educational Services	7	8	8	8	8	8	8	8	8	9	9	9	9	9
Health Care and Social Assistance	112	113	116	117	119	121	123	125	126	128	129	130	132	133
Arts, Entertainment, and Recreation	21	22	22	23	23	23	24	24	24	25	25	25	25	26
Accommodation and Food Services	50	51	52	52	53	53	54	54	55	55	55	56	56	57
Other Services (except Public Administration)	71	73	74	75	75	76	77	78	79	80	80	81	82	82
Government	21	21	22	22	22	22	22	23	23	23	23	23	23	23

Atlanta West *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	16	16	16	16	16	16	16	16	16	16	16	16	16
Mining	1	1	1	1	1	1	1	1	1	1	1	1	1
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	148	148	149	149	150	150	150	151	151	151	151	151	151
Manufacturing	103	104	104	104	105	105	105	105	106	106	106	106	106
Wholesale Trade	22	22	22	22	22	22	22	22	22	22	22	22	22
Retail Trade	147	147	148	149	149	150	150	151	151	152	152	152	153
Transporatation and Warehousing	27	27	27	27	27	27	28	28	28	28	28	28	28
Information	17	18	18	18	18	18	18	18	18	18	18	18	18
Finance and Insurance	26	26	26	26	26	26	27	27	27	27	27	27	27
Real Estate and Rental and Leasing	49	50	50	50	51	51	51	51	51	51	51	51	52
Professional, Scientific, and Technical Services	55	56	56	56	57	57	57	57	57	58	58	58	58
Management of Companies and Enterprises	3	3	3	3	3	3	3	3	3	3	3	3	3
Administrative and Support and Waste Management	81	82	82	82	83	83	83	84	84	84	84	84	84
Educational Services	9	9	9	9	9	9	9	9	9	9	9	10	10
Health Care and Social Assistance	134	135	136	137	138	139	139	140	140	141	141	142	142
Arts, Entertainment, and Recreation	26	26	26	26	27	27	27	27	27	27	27	27	27
Accommodation and Food Services	57	57	57	58	58	58	58	59	59	59	59	59	59
Other Services (except Public Administration)	83	83	84	84	85	85	85	86	86	86	87	87	87
Government	23	23	23	22	22	22	22	22	21	21	21	20	20

Appendix F:
Impact of MARTA on Employment by Industry

Rest of Georgia

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	38	48	45	41	40	39	38	38	37	36	36	35	35	35
Mining	5	8	7	6	6	6	5	5	5	5	5	5	5	5
Utilities	2	3	2	2	1	1	0	0	0	1	1	1	1	2
Construction	78	131	110	83	76	66	52	51	45	39	35	31	28	26
Manufacturing	252	313	280	232	222	204	187	184	174	166	161	154	152	151
Wholesale Trade	2	9	5	3	8	12	16	19	22	25	28	31	33	35
Retail Trade	163	213	194	158	149	135	123	121	114	108	104	99	98	96
Transporatation and Warehousing	17	22	14	55	3	10	16	19	25	29	34	38	41	44
Information	0	1	2	6	8	10	12	13	15	16	18	19	20	21
Finance and Insurance	30	38	32	23	20	15	12	10	7	5	3	1	0	2
Real Estate and Rental and Leasing	0	9	5	2	5	9	12	14	17	20	22	24	26	27
Professional, Scientific, and Technical Services	31	40	32	21	15	10	4	3	1	5	7	10	11	13
Management of Companies and Enterprises	0	1	1	4	6	7	9	10	11	13	14	15	16	17
Administrative and Support and Waste Management	29	40	33	19	16	10	4	3	1	5	7	10	11	13
Educational Services	15	20	18	14	14	13	11	12	11	11	11	11	11	11
Health Care and Social Assistance	160	210	201	173	173	165	160	164	163	164	165	167	171	176
Arts, Entertainment, and Recreation	16	20	18	15	14	13	12	12	12	11	11	11	11	11
Accommodation and Food Services	60	78	67	47	41	32	25	36	16	12	8	4	2	1
Other Services (except Public Administration)	56	72	63	46	41	33	27	24	20	16	13	9	8	6
Government	9	17	31	48	60	71	81	90	99	108	116	125	132	139

Rest of Georgia *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Mining	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Utilities	2	2	2	2	2	3	3	3	3	3	4	4	4	4
Construction	24	22	20	19	17	16	14	13	11	10	9	8	7	7
Manufacturing	150	148	148	147	146	145	145	145	144	144	145	145	145	145
Wholesale Trade	36	38	40	41	43	44	46	47	49	50	51	52	53	54
Retail Trade	95	93	92	91	91	91	90	90	89	90	90	90	91	91
Transporatation and Warehousing	47	49	52	54	57	59	61	63	65	66	68	69	71	72
Information	22	23	24	25	25	26	27	27	28	29	29	30	30	31
Finance and Insurance	3	4	6	7	8	9	10	10	11	12	13	13	14	12
Real Estate and Rental and Leasing	29	30	32	33	34	36	37	38	39	40	41	42	43	43
Professional, Scientific, and Technical Services	14	15	16	17	18	18	19	20	20	21	21	21	21	22
Management of Companies and Enterprises	18	18	19	20	21	21	22	23	23	24	24	25	25	26
Administrative and Support and Waste Management	14	15	16	17	18	19	19	20	21	21	21	22	22	22
Educational Services	11	11	11	12	12	12	12	13	13	13	14	14	14	15
Health Care and Social Assistance	180	185	190	194	199	204	209	213	218	223	229	234	238	243
Arts, Entertainment, and Recreation	11	11	12	12	12	12	13	13	13	13	14	14	14	15
Accommodation and Food Services	3	5	6	8	10	11	13	14	15	16	17	17	18	19
Other Services (except Public Administration)	4	3	2	0	1	2	3	4	4	5	5	6	6	6
Government	145	152	158	164	170	175	180	185	190	195	199	203	207	211

Appendix F:
Impact of MARTA on Employment by Industry

Rest of Georgia *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	35	35	35	35	36	36	36	36	36	36	37	37	37	37
Mining	5	5	5	5	5	5	5	5	5	5	5	5	5	6
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Construction	6	6	5	5	5	5	5	5	5	6	6	7	8	8
Manufacturing	146	147	147	149	150	151	152	154	155	157	159	161	164	166
Wholesale Trade	55	56	56	57	58	58	59	59	59	60	60	60	60	60
Retail Trade	92	94	95	97	98	100	102	104	107	109	112	115	119	122
Transporatation and Warehousing	73	74	75	76	76	77	77	77	78	78	77	77	76	76
Information	31	31	32	32	32	32	32	33	33	33	32	32	32	32
Finance and Insurance	15	15	15	15	16	15	16	15	15	15	15	14	14	13
Real Estate and Rental and Leasing	44	44	45	45	46	46	46	46	46	46	46	46	45	45
Professional, Scientific, and Technical Services	21	21	21	21	21	20	20	19	18	18	17	16	15	13
Management of Companies and Enterprises	26	26	27	27	27	28	28	28	28	29	29	29	29	29
Administrative and Support and Waste Management	22	22	22	21	21	20	20	19	18	17	16	15	13	12
Educational Services	15	16	16	16	17	17	18	19	19	20	20	21	22	22
Health Care and Social Assistance	259	254	260	265	271	276	282	287	293	299	305	311	318	324
Arts, Entertainment, and Recreation	15	16	16	16	17	17	18	18	19	19	20	21	21	22
Accommodation and Food Services	19	19	19	19	18	18	17	16	16	15	13	12	10	9
Other Services (except Public Administration)	6	6	6	5	5	5	4	3	2	1	0	2	3	5
Government	214	217	220	222	225	227	228	230	232	233	233	234	234	234

Rest of Georgia *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	37	38	38	38	39	39	39	40	40	40	41	41	42
Mining	6	6	6	6	6	6	6	6	6	6	6	6	6
Utilities	4	4	4	4	4	4	4	4	4	4	4	4	3
Construction	9	11	12	13	15	17	18	20	22	25	27	30	32
Manufacturing	169	172	175	179	182	186	190	194	199	203	208	213	219
Wholesale Trade	60	59	59	59	58	58	57	56	56	55	54	53	52
Retail Trade	126	130	135	139	143	149	154	160	165	172	178	185	192
Transporatation and Warehousing	75	74	73	71	70	68	67	65	63	61	58	56	53
Information	32	32	31	31	31	30	30	29	29	28	27	26	26
Finance and Insurance	13	12	11	10	9	8	7	6	4	3	1	0	2
Real Estate and Rental and Leasing	44	44	43	42	41	41	39	38	37	35	34	33	31
Professional, Scientific, and Technical Services	12	11	9	8	6	4	2	0	2	5	7	10	12
Management of Companies and Enterprises	29	29	28	28	28	28	28	27	27	27	26	26	26
Administrative and Support and Waste Management	10	8	6	4	2	0	3	6	8	11	15	18	21
Educational Services	23	24	25	25	26	27	28	29	30	31	32	33	34
Health Care and Social Assistance	330	337	344	351	357	365	372	379	387	395	403	411	420
Arts, Entertainment, and Recreation	22	23	24	25	25	26	27	28	29	30	31	32	33
Accommodation and Food Services	7	5	3	0	2	5	8	11	14	18	22	25	30
Other Services (except Public Administration)	7	9	11	13	16	18	21	24	27	30	34	37	41
Government	234	233	233	232	230	229	227	225	222	220	217	213	210

Appendix G:
Impact of MARTA on Output by Industry

Cherokee County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	213	135	206	208	214	219	224	232	238	245	341	351	369	387
Mining	52	68	63	55	55	52	50	51	50	49	50	49	51	53
Utilities	42	57	57	55	54	54	55	54	55	57	58	57	60	63
Construction	2,449	2,829	2,861	2,792	2,924	2,975	3,013	3,252	3,278	3,425	3,531	3,632	3,811	3,991
Manufacturing	3,702	3,940	4,082	4,316	4,565	4,765	4,991	5,289	5,545	5,823	6,123	6,420	6,812	7,215
Wholesale Trade	1,595	1,774	1,965	2,135	2,356	2,426	2,659	2,927	3,190	3,293	3,585	3,887	3,995	4,296
Retail Trade	2,626	3,145	3,309	3,379	3,584	3,762	3,971	4,239	4,430	4,685	4,954	5,184	5,489	5,755
Transporatation and Warehousing	327	411	409	518	468	532	535	541	612	617	622	697	777	788
Information	235	457	475	481	499	511	663	685	702	720	739	911	921	933
Finance and Insurance	1,540	1,854	2,007	2,129	2,310	2,484	2,541	2,757	2,962	3,182	3,266	3,499	3,754	4,016
Real Estate and Rental and Leasing	1,322	1,325	1,411	1,549	1,645	1,732	1,825	1,934	2,033	2,139	2,249	2,361	2,494	2,629
Professional, Scientific, and Technical Services	998	1,148	1,221	1,323	1,418	1,548	1,640	1,799	1,899	2,007	2,117	2,284	2,387	2,492
Management of Companies and Enterprises	274	325	332	338	577	592	607	627	645	663	681	701	720	741
Administrative and Support and Waste Management	1,061	1,287	1,374	1,428	1,526	1,608	1,661	1,768	1,863	1,961	2,063	2,129	2,237	2,311
Educational Services	167	208	205	196	219	216	238	240	238	261	262	263	290	296
Health Care and Social Assistance	1,695	2,048	2,160	2,220	2,304	2,420	2,553	2,715	2,805	2,956	3,061	3,216	3,335	3,507
Arts, Entertainment, and Recreation	490	569	614	640	684	725	770	822	871	921	974	993	1,048	1,102
Accommodation and Food Services	1,057	1,330	1,413	1,441	1,538	1,600	1,700	1,808	1,868	1,953	2,069	2,160	2,277	2,397
Other Services (except Public Administration)	1,217	1,499	1,599	1,670	1,760	1,838	1,960	2,070	2,167	2,306	2,415	2,527	2,660	2,797
Government	1,570	1,989	2,175	2,317	2,513	2,670	2,835	3,005	3,175	3,349	3,527	3,667	3,914	4,127

Cherokee County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	405	424	443	461	480	499	653	676	700	723	747	770	792	815
Mining	55	57	59	61	63	65	67	69	71	73	75	77	79	79
Utilities	66	65	68	71	74	74	77	80	82	85	84	87	90	89
Construction	4,242	4,431	4,623	4,818	5,020	5,225	5,435	5,642	5,784	5,999	6,216	6,427	6,653	6,640
Manufacturing	7,636	8,060	8,496	8,712	9,166	9,629	10,111	10,339	10,823	11,318	11,563	12,067	12,314	12,759
Wholesale Trade	4,611	4,727	5,055	5,172	5,513	5,642	6,001	6,127	6,496	6,630	7,011	7,148	7,538	7,603
Retail Trade	6,033	6,360	6,643	6,929	7,227	7,529	7,836	8,142	8,453	8,713	9,041	9,302	9,631	9,743
Transporatation and Warehousing	800	812	824	910	924	937	1,029	1,043	1,058	1,072	1,170	1,185	1,202	1,193
Information	947	958	970	1,142	1,156	1,169	1,185	1,198	1,213	1,228	1,413	1,428	1,445	1,425
Finance and Insurance	4,128	4,403	4,686	4,804	5,101	5,224	5,533	5,658	5,977	6,107	6,438	6,569	6,909	4,370
Real Estate and Rental and Leasing	2,774	2,915	2,970	3,117	3,270	3,423	3,486	3,644	3,806	3,869	4,040	4,204	4,272	4,354
Professional, Scientific, and Technical Services	2,607	2,715	2,825	2,935	3,052	3,166	3,288	3,402	3,525	3,642	3,771	3,834	3,961	3,921
Management of Companies and Enterprises	1,055	1,082	1,110	1,136	1,164	1,191	1,220	1,244	1,273	1,299	1,328	1,353	1,380	1,378
Administrative and Support and Waste Management	2,426	2,501	2,616	2,694	2,777	2,899	2,983	3,067	3,155	3,279	3,374	3,462	3,554	3,571
Educational Services	302	308	338	345	351	382	390	396	404	436	445	452	460	459
Health Care and Social Assistance	3,634	3,811	3,941	4,070	4,205	4,393	4,533	4,671	4,813	4,956	5,105	5,249	5,399	5,475
Arts, Entertainment, and Recreation	1,160	1,181	1,240	1,298	1,359	1,384	1,447	1,472	1,536	1,600	1,628	1,694	1,721	1,766
Accommodation and Food Services	2,520	2,646	2,743	2,872	3,006	3,143	3,249	3,388	3,496	3,640	3,753	3,863	4,014	4,070
Other Services (except Public Administration)	2,939	3,082	3,190	3,337	3,489	3,605	3,764	3,921	4,041	4,163	4,331	4,455	4,583	4,661
Government	4,390	4,616	4,848	5,085	5,330	5,579	5,834	6,094	6,308	6,578	6,799	7,023	7,305	7,519

Appendix G:
Impact of MARTA on Output by Industry

Cherokee County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	836	859	880	902	922	943	963	983	1,003	1,022	1,040	1,276	1,297	1,318
Mining	82	85	87	89	91	93	95	98	100	102	104	106	108	110
Utilities	89	96	99	98	100	103	106	853	868	881	895	908	921	934
Construction	6,876	7,234	7,381	7,611	7,749	7,976	8,117	8,362	8,517	8,740	8,877	9,024	9,161	9,389
Manufacturing	12,943	13,598	13,839	14,383	14,621	15,170	15,414	15,663	16,231	16,473	16,708	16,956	17,529	17,771
Wholesale Trade	7,707	8,216	8,357	8,501	8,910	9,055	9,188	9,332	9,772	9,907	10,041	10,178	10,317	10,453
Retail Trade	9,995	10,501	10,771	11,052	11,384	11,662	11,936	12,155	12,447	12,720	12,995	13,207	13,485	13,694
Transporatation and Warehousing	1,212	1,336	1,353	1,370	1,387	1,405	1,421	1,442	1,555	1,572	1,590	1,609	1,628	1,647
Information	1,454	1,497	1,518	1,536	1,554	1,572	1,589	1,609	1,815	1,834	1,854	1,873	1,894	1,915
Finance and Insurance	7,300	7,524	7,658	8,019	8,151	8,288	8,420	8,793	8,936	9,068	9,198	9,581	9,715	9,847
Real Estate and Rental and Leasing	4,387	4,689	4,758	4,940	5,009	5,076	5,257	5,331	5,525	5,594	5,661	5,735	5,804	6,000
Professional, Scientific, and Technical Services	4,118	4,277	4,406	4,477	4,602	4,669	4,796	4,873	5,017	5,080	5,141	5,274	5,340	5,407
Management of Companies and Enterprises	1,405	1,458	1,880	1,911	1,944	1,974	2,003	2,031	2,064	2,091	2,120	2,147	2,178	2,202
Administrative and Support and Waste Management	3,560	3,789	3,881	3,978	4,072	4,124	4,221	4,277	4,386	4,437	4,533	4,589	4,688	4,744
Educational Services	489	511	519	527	536	544	553	590	599	608	617	626	635	644
Health Care and Social Assistance	833	5,795	5,949	6,106	6,202	6,359	6,516	6,620	6,786	6,886	6,986	7,150	7,254	7,358
Arts, Entertainment, and Recreation	1,784	1,845	1,915	1,944	1,972	2,043	2,072	2,103	2,178	2,207	2,236	2,267	2,342	2,372
Accommodation and Food Services	4,150	4,357	4,473	4,592	4,708	4,826	4,944	5,025	5,149	5,268	5,344	5,466	5,544	5,665
Other Services (except Public Administration)	4,798	5,010	5,142	5,276	5,359	5,492	5,623	5,761	5,852	5,985	6,120	6,207	6,344	6,430
Government	7,748	7,943	8,179	8,418	8,597	8,839	9,021	9,267	9,451	9,635	9,819	10,004	10,122	10,308

Cherokee County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,339	1,358	1,377	1,396	1,414	1,432	1,449	1,466	1,482	1,497	1,512	1,527	1,541
Mining	112	114	115	117	119	121	123	125	126	128	130	132	134
Utilities	947	959	971	983	995	1,007	1,018	1,029	1,040	1,051	1,061	1,071	1,081
Construction	9,531	9,667	9,805	9,938	10,072	10,205	10,337	10,470	10,603	10,726	10,859	10,982	11,122
Manufacturing	18,011	18,252	18,487	18,723	18,954	19,185	19,417	19,650	19,880	20,111	20,336	20,566	20,803
Wholesale Trade	10,582	11,030	11,164	11,293	11,423	11,552	11,679	11,806	11,931	12,056	11,831	11,954	12,075
Retail Trade	13,974	14,180	14,390	14,591	14,872	15,077	15,281	15,408	15,612	15,817	16,015	16,139	16,346
Transporatation and Warehousing	1,665	1,684	1,703	1,722	1,741	1,761	1,780	1,799	1,819	1,839	1,858	1,879	1,900
Information	1,936	1,957	1,978	1,999	2,021	2,042	2,064	2,086	2,109	2,132	2,154	2,178	2,203
Finance and Insurance	9,979	10,108	10,240	10,368	10,495	10,621	10,748	10,873	11,000	11,122	11,244	11,368	11,490
Real Estate and Rental and Leasing	6,070	6,142	6,211	6,280	6,352	6,420	6,492	6,561	6,630	6,703	6,770	6,842	6,916
Professional, Scientific, and Technical Services	5,469	5,534	5,668	5,729	5,791	5,853	5,916	5,977	6,041	6,102	6,084	6,146	6,211
Management of Companies and Enterprises	2,230	2,259	2,285	2,311	2,337	2,362	2,388	2,411	2,436	2,460	2,482	2,504	2,529
Administrative and Support and Waste Management	4,800	4,858	4,961	5,016	5,072	5,128	5,185	5,242	5,300	5,309	5,361	5,419	5,481
Educational Services	654	663	672	682	691	701	711	721	731	741	751	762	772
Health Care and Social Assistance	7,524	7,628	7,735	7,841	7,947	8,054	8,162	8,270	8,382	8,492	8,600	8,714	8,760
Arts, Entertainment, and Recreation	2,403	2,434	2,465	2,496	2,527	2,558	2,590	2,621	2,653	2,684	2,716	2,749	2,782
Accommodation and Food Services	5,743	5,819	5,897	6,019	6,095	6,172	6,248	6,324	6,351	6,427	6,501	6,576	6,654
Other Services (except Public Administration)	6,516	6,654	6,741	6,826	6,912	6,998	7,084	7,169	7,256	7,341	7,369	7,454	7,542
Government	10,493	10,609	10,795	10,910	11,024	11,137	11,249	11,360	11,471	11,505	11,613	11,644	11,749

Appendix G:
Impact of MARTA on Output by Industry

Clayton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	16	34	35	34	36	38	39	41	43	45	47	49	51	54
Mining	156	246	226	183	196	186	177	177	173	169	167	164	171	178
Utilities	2,132	2,457	2,494	2,215	2,805	2,863	2,938	3,290	3,438	3,538	4,019	4,095	4,267	4,466
Construction	2,228	2,701	2,623	2,141	2,533	2,518	2,546	2,597	2,688	2,747	2,780	2,851	2,992	3,141
Manufacturing	8,113	8,849	9,179	8,516	9,695	9,983	10,564	10,973	11,753	12,228	12,745	13,506	14,192	14,901
Wholesale Trade	2,845	3,325	3,539	3,147	4,061	4,298	4,570	4,813	5,375	5,693	6,043	6,399	6,759	7,133
Retail Trade	5,466	6,536	6,833	6,059	7,305	7,590	7,997	8,382	8,928	9,366	9,837	10,313	10,858	11,412
Transporatation and Warehousing	29,284	33,598	36,162	17,720	41,232	44,172	47,395	50,761	54,227	57,532	61,181	64,690	68,175	71,510
Information	1,058	1,216	1,422	1,335	1,652	1,699	1,933	1,996	2,265	2,339	2,413	2,702	2,757	3,039
Finance and Insurance	1,583	1,957	2,093	1,996	2,330	2,356	2,526	2,709	2,915	3,118	3,194	3,409	3,651	3,896
Real Estate and Rental and Leasing	1,045	1,047	1,129	844	1,256	1,313	1,373	1,434	1,565	1,638	1,714	1,793	1,878	1,966
Professional, Scientific, and Technical Services	2,748	3,046	3,306	2,937	3,627	3,825	4,058	4,228	4,519	4,784	5,068	5,354	5,554	5,846
Management of Companies and Enterprises	2,047	2,219	2,259	2,136	2,521	2,783	2,852	3,137	3,248	3,569	3,657	4,001	4,110	4,485
Administrative and Support and Waste Management	1,599	1,867	1,977	1,692	2,163	2,301	2,423	2,543	2,702	2,836	2,950	3,091	3,237	3,357
Educational Services	82	116	113	91	125	123	123	122	142	142	142	143	164	168
Health Care and Social Assistance	4,590	5,614	5,944	5,522	6,328	6,593	6,914	7,255	7,602	7,974	8,360	8,693	9,070	9,518
Arts, Entertainment, and Recreation	193	216	216	212	250	253	275	279	305	329	337	361	369	394
Accommodation and Food Services	2,357	2,823	3,022	2,682	3,290	3,459	3,625	1,547	4,074	4,268	4,474	4,715	4,967	5,224
Other Services (except Public Administration)	1,962	2,261	2,399	2,084	2,602	2,715	2,849	2,978	3,153	3,309	3,466	3,633	3,833	4,002
Government	2,889	3,572	3,817	3,958	4,314	4,588	4,885	5,137	5,414	5,688	5,969	6,256	6,659	7,032

Clayton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	56	59	61	64	67	70	72	75	77	80	83	85	89	91
Mining	185	193	200	207	215	223	230	238	246	253	261	269	277	284
Utilities	5,108	5,274	5,493	5,712	6,452	6,633	6,875	7,114	7,938	8,200	8,356	8,604	8,851	9,099
Construction	3,294	3,450	3,550	3,710	3,877	3,979	4,146	4,313	4,419	4,601	4,712	4,882	4,994	5,172
Manufacturing	15,895	16,645	17,407	18,187	18,984	19,793	20,625	21,462	22,309	23,179	24,066	24,609	25,504	26,410
Wholesale Trade	7,520	7,912	8,311	8,506	8,926	9,351	9,784	10,227	10,441	10,902	11,373	11,584	12,064	12,546
Retail Trade	11,929	12,515	13,103	13,643	14,212	14,776	15,346	15,934	16,500	17,120	17,668	18,270	18,818	19,442
Transporatation and Warehousing	75,195	78,741	82,113	85,788	89,349	92,944	96,633	100,113	103,669	107,307	110,963	114,435	117,903	121,419
Information	3,096	3,390	3,455	3,521	3,830	3,899	3,973	4,296	4,366	4,446	4,520	4,862	4,938	5,018
Finance and Insurance	4,002	4,261	4,529	4,643	4,927	5,040	5,334	5,454	5,757	5,886	6,203	6,329	6,658	6,814
Real Estate and Rental and Leasing	2,058	2,151	2,243	2,339	2,439	2,538	2,642	2,746	2,845	2,900	3,011	3,116	3,167	3,283
Professional, Scientific, and Technical Services	6,065	6,372	6,590	6,896	7,139	7,456	7,701	7,945	7,282	8,534	8,790	9,045	9,301	9,565
Management of Companies and Enterprises	4,606	5,004	5,123	5,251	5,669	5,805	6,242	6,382	6,520	6,984	7,135	7,271	7,418	7,903
Administrative and Support and Waste Management	3,510	3,638	3,791	3,919	4,055	4,188	4,326	4,465	4,591	4,748	4,893	5,036	5,152	5,301
Educational Services	171	175	179	182	206	210	214	218	222	228	253	257	262	267
Health Care and Social Assistance	9,916	10,324	10,736	11,146	11,579	11,949	12,391	12,772	13,208	13,616	14,026	14,423	14,890	15,239
Arts, Entertainment, and Recreation	402	429	437	464	473	502	511	520	549	559	590	600	609	641
Accommodation and Food Services	5,455	5,727	6,004	6,250	6,539	6,798	7,059	7,327	7,591	7,873	8,157	8,396	8,682	8,925
Other Services (except Public Administration)	4,213	4,432	4,611	4,794	5,028	5,220	5,418	5,618	5,813	6,028	6,238	6,403	6,618	6,838
Government	7,416	7,814	8,221	8,643	9,027	9,420	9,823	10,235	10,658	11,035	11,473	11,867	12,262	12,668

Appendix G:
Impact of MARTA on Output by Industry

Clayton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	94	96	99	102	104	106	109	111	114	116	118	121	123	125
Mining	292	300	308	316	323	331	339	346	354	361	369	377	384	392
Utilities	10,037	10,285	10,537	10,710	10,952	11,194	11,430	11,651	11,884	12,947	13,182	13,414	13,614	13,839
Construction	5,286	5,468	5,574	5,759	5,866	5,978	6,158	6,267	6,382	6,498	6,679	6,790	6,899	7,006
Manufacturing	27,326	27,890	28,812	29,763	30,321	31,265	31,843	32,801	33,370	33,951	34,924	35,505	36,079	37,087
Wholesale Trade	12,776	13,255	13,496	14,003	14,220	14,455	14,962	15,191	15,712	15,951	16,183	16,410	16,932	17,176
Retail Trade	20,003	20,570	21,124	21,704	22,191	22,767	23,264	23,847	24,354	24,861	25,366	25,878	26,381	26,900
Transporatation and Warehousing	124,737	128,104	131,449	134,886	138,002	141,169	144,364	147,288	150,502	153,474	156,136	159,140	161,813	164,579
Information	5,377	5,458	5,535	5,618	5,698	6,076	6,157	6,239	6,324	6,407	6,491	6,569	6,651	6,735
Finance and Insurance	7,122	7,254	7,385	7,740	7,869	8,004	8,136	8,503	8,643	8,778	8,911	9,295	9,435	9,571
Real Estate and Rental and Leasing	3,398	3,451	3,564	3,620	3,742	3,794	3,913	3,970	4,028	4,156	4,208	4,268	4,395	4,456
Professional, Scientific, and Technical Services	9,837	10,004	10,265	10,540	10,803	10,978	11,251	11,524	11,703	11,987	12,162	12,440	12,616	12,799
Management of Companies and Enterprises	8,057	8,202	8,340	8,852	9,007	9,149	9,283	9,434	9,968	10,111	10,264	10,406	10,555	10,694
Administrative and Support and Waste Management	5,421	5,571	5,691	5,814	5,931	6,053	6,176	6,302	6,426	6,555	6,676	6,771	6,898	6,992
Educational Services	272	277	281	286	291	319	324	330	335	341	346	352	357	363
Health Care and Social Assistance	15,704	16,076	16,501	16,866	17,291	17,655	18,021	18,465	18,840	19,220	19,600	19,985	20,299	20,687
Arts, Entertainment, and Recreation	652	662	673	705	716	727	737	749	783	794	805	817	828	840
Accommodation and Food Services	9,220	9,471	9,724	9,986	10,196	10,454	10,714	10,931	11,152	11,419	11,639	11,861	12,084	12,255
Other Services (except Public Administration)	7,006	7,227	7,401	7,582	7,755	7,986	8,165	8,348	8,478	8,666	8,848	9,036	9,167	9,356
Government	13,018	13,436	13,795	14,164	14,531	14,907	15,221	15,539	15,927	16,253	16,513	16,845	17,108	17,448

Clayton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	127	129	131	134	136	138	140	142	144	145	147	149	151
Mining	400	407	415	423	430	438	446	454	462	470	477	485	494
Utilities	14,056	14,268	14,477	14,680	14,879	15,073	15,262	15,449	15,627	15,803	15,974	16,139	16,300
Construction	7,113	7,219	7,405	7,512	7,618	7,723	7,828	7,934	8,034	8,140	8,156	8,255	8,361
Manufacturing	37,661	38,248	38,827	39,409	39,994	40,569	41,154	41,755	42,339	42,931	43,527	44,123	44,741
Wholesale Trade	17,405	17,632	17,860	18,075	18,308	18,533	18,757	18,981	19,199	19,427	19,650	19,873	20,095
Retail Trade	27,324	27,840	28,277	28,786	29,218	29,652	30,086	30,533	30,966	31,318	31,754	32,199	32,451
Transporatation and Warehousing	166,938	169,681	172,078	174,174	176,623	178,729	180,828	182,930	184,697	186,424	188,244	189,629	191,423
Information	7,148	7,234	7,318	7,401	7,490	7,577	7,663	7,750	7,837	7,929	8,016	8,106	7,831
Finance and Insurance	9,710	9,845	9,988	10,129	10,264	10,403	10,546	10,686	10,834	10,973	11,119	11,265	11,406
Real Estate and Rental and Leasing	4,512	4,573	4,630	4,688	4,751	4,807	4,872	4,933	4,992	5,058	5,121	5,180	5,251
Professional, Scientific, and Technical Services	13,082	13,256	13,436	13,613	13,791	13,970	14,149	14,330	14,514	14,694	14,875	14,942	15,123
Management of Companies and Enterprises	10,834	10,983	11,116	11,260	11,397	11,524	11,671	11,807	11,944	12,072	12,214	12,338	12,476
Administrative and Support and Waste Management	7,119	7,212	7,339	7,431	7,527	7,620	7,716	7,811	7,904	7,965	8,063	8,155	8,216
Educational Services	369	374	380	386	392	398	404	410	417	423	429	436	443
Health Care and Social Assistance	21,007	21,404	21,727	22,050	22,455	22,787	23,124	23,464	23,731	24,078	24,427	24,696	25,050
Arts, Entertainment, and Recreation	852	864	875	912	924	936	949	961	973	960	973	985	998
Accommodation and Food Services	12,480	12,707	12,882	13,054	13,282	13,459	13,635	13,812	13,936	14,115	14,240	14,413	14,544
Other Services (except Public Administration)	9,488	9,681	9,816	9,950	10,090	10,227	10,365	10,503	10,642	10,780	10,861	11,000	11,144
Government	17,714	17,912	18,185	18,459	18,662	18,868	19,071	19,278	19,405	19,610	19,743	19,873	20,000

Appendix G:
Impact of MARTA on Output by Industry

Cobb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	110	132	132	125	129	130	132	138	140	143	147	150	158	166
Mining	99	134	125	111	112	107	104	104	103	101	101	100	104	109
Utilities	907	1,155	1,132	1,043	984	971	979	914	926	943	961	875	911	951
Construction	28,406	41,816	37,923	31,463	32,258	29,582	28,632	28,590	27,956	27,390	27,548	27,179	27,986	28,901
Manufacturing	14,682	16,896	16,507	15,229	15,963	15,863	16,142	16,914	17,322	17,573	18,278	18,846	19,691	20,583
Wholesale Trade	31,546	39,188	38,711	36,466	38,005	38,190	39,179	41,113	42,362	44,046	45,834	47,396	49,120	51,074
Retail Trade	16,543	20,186	20,008	18,764	19,334	19,310	19,736	20,643	21,151	21,830	22,606	23,297	24,289	25,231
Transporatation and Warehousing	4,048	4,750	4,578	6,290	4,163	4,119	4,163	4,326	4,298	4,412	4,529	4,648	4,717	4,906
Information	12,963	16,237	16,195	15,116	16,416	16,522	17,085	18,371	19,024	19,804	20,720	21,525	22,287	23,123
Finance and Insurance	17,748	21,051	20,952	19,925	20,336	20,508	21,055	21,794	22,360	23,117	23,747	24,482	25,401	26,494
Real Estate and Rental and Leasing	8,112	10,270	9,989	9,141	9,223	9,143	9,236	9,619	9,691	9,953	10,166	10,461	10,825	11,274
Professional, Scientific, and Technical Services	20,709	26,814	26,956	25,275	27,014	27,115	28,098	29,708	30,859	32,017	33,582	34,831	36,161	37,501
Management of Companies and Enterprises	16,528	19,548	19,684	19,033	19,692	19,962	20,823	21,806	22,536	23,369	24,518	25,384	26,395	27,463
Administrative and Support and Waste Management	6,920	8,301	8,341	8,087	8,450	8,680	8,978	9,568	9,985	10,451	10,977	11,513	11,998	12,548
Educational Services	513	677	643	591	581	585	570	576	596	595	627	632	674	691
Health Care and Social Assistance	9,597	12,007	11,912	11,209	11,469	11,550	11,821	12,396	12,772	13,249	13,709	14,249	14,917	15,555
Arts, Entertainment, and Recreation	1,266	1,514	1,530	1,454	1,492	1,521	1,558	1,627	1,687	1,746	1,827	1,893	1,990	2,072
Accommodation and Food Services	6,080	6,999	6,943	6,549	6,628	6,665	6,805	7,697	7,252	7,514	7,761	8,007	8,352	8,698
Other Services (except Public Administration)	4,497	5,532	5,370	5,010	5,044	4,991	5,058	5,255	5,312	5,424	5,574	5,713	5,932	6,158
Government	1,246	1,410	1,279	1,077	969	898	843	850	798	765	743	722	712	667

Cobb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	174	183	191	200	208	217	226	235	243	252	261	270	278	287
Mining	113	118	123	128	133	138	143	148	153	158	163	168	173	178
Utilities	985	897	933	969	1,000	896	930	964	990	1,025	889	920	951	976
Construction	29,708	30,549	31,399	32,255	33,099	33,990	34,863	35,740	36,624	37,526	38,429	39,227	40,120	40,994
Manufacturing	21,204	22,107	23,065	23,733	24,677	25,694	26,387	27,412	28,104	29,151	30,266	30,969	32,094	32,797
Wholesale Trade	53,076	55,177	57,005	59,142	61,286	63,255	65,525	67,501	69,559	71,936	74,077	76,191	78,309	80,346
Retail Trade	26,186	27,199	28,123	29,140	30,218	31,233	32,308	33,352	34,449	35,508	36,628	37,722	38,820	39,910
Transporatation and Warehousing	5,099	5,193	5,408	5,622	5,729	5,967	6,080	6,328	6,457	6,723	6,856	7,150	7,288	7,429
Information	24,179	24,954	25,812	26,348	27,126	28,008	28,991	29,857	30,739	31,734	32,301	33,262	34,255	34,837
Finance and Insurance	27,475	28,628	29,602	30,678	31,719	33,002	34,086	35,221	36,340	37,554	38,722	39,956	41,187	43,053
Real Estate and Rental and Leasing	11,671	12,137	12,527	12,913	13,326	13,918	14,329	14,809	15,207	15,684	16,195	16,648	17,160	17,602
Professional, Scientific, and Technical Services	38,891	40,319	41,759	43,206	44,593	46,116	47,579	49,069	50,679	52,097	53,694	55,216	56,690	58,164
Management of Companies and Enterprises	28,461	29,710	30,788	31,949	33,194	34,412	35,719	36,909	38,302	39,638	40,731	41,986	43,399	44,714
Administrative and Support and Waste Management	13,061	13,637	14,175	14,717	15,321	15,896	16,463	17,051	17,640	18,178	18,788	19,398	20,007	20,543
Educational Services	709	759	775	795	846	869	892	944	969	994	1,021	1,077	1,107	1,127
Health Care and Social Assistance	16,197	16,929	17,618	18,284	19,010	19,743	20,476	21,226	21,996	22,756	23,511	24,298	25,108	25,828
Arts, Entertainment, and Recreation	2,143	2,230	2,341	2,425	2,538	2,616	2,715	2,833	2,913	3,018	3,103	3,225	3,327	3,411
Accommodation and Food Services	9,053	9,426	9,816	10,164	10,540	10,926	11,337	11,724	12,097	12,497	12,905	13,322	13,724	14,126
Other Services (except Public Administration)	6,391	6,640	6,889	7,152	7,417	7,705	7,934	8,226	8,515	8,764	9,027	9,353	9,630	9,898
Government	671	633	637	607	583	568	560	548	562	507	523	501	532	520

Appendix G:
Impact of MARTA on Output by Industry

Cobb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	295	304	313	322	330	339	347	356	364	372	381	389	397	405
Mining	183	188	193	198	203	208	213	218	223	228	233	238	243	248
Utilities	995	1,675	1,722	1,572	1,614	1,658	1,702	1,708	1,753	1,785	1,829	1,874	1,883	1,927
Construction	41,897	42,734	43,654	44,577	45,382	46,298	47,132	48,062	48,886	49,724	50,639	51,499	52,358	53,213
Manufacturing	33,512	34,687	35,412	36,614	37,371	38,093	39,357	40,090	40,864	41,666	42,908	43,741	44,573	45,389
Wholesale Trade	82,884	85,217	87,188	89,522	91,794	94,167	96,482	98,598	100,943	103,492	105,518	108,067	110,234	112,451
Retail Trade	40,934	42,191	43,335	44,487	45,650	46,817	47,952	49,144	50,342	51,529	52,737	54,006	55,275	56,460
Transporatation and Warehousing	7,734	7,927	8,240	8,441	8,628	8,829	9,186	9,413	9,618	9,846	10,249	10,500	10,759	11,048
Information	35,905	36,603	37,609	38,707	39,434	40,133	41,240	41,947	43,167	43,894	44,729	45,826	46,671	47,507
Finance and Insurance	43,615	44,994	46,028	47,428	48,736	49,877	51,310	52,442	53,993	55,155	56,651	57,924	59,221	60,830
Real Estate and Rental and Leasing	18,004	18,544	19,107	19,693	20,091	20,680	21,222	21,727	22,323	22,819	23,217	23,913	24,417	24,923
Professional, Scientific, and Technical Services	59,765	61,350	62,931	64,447	66,089	67,643	69,199	70,732	72,341	73,916	75,527	77,102	78,652	80,334
Management of Companies and Enterprises	45,806	47,389	48,361	49,847	51,175	52,655	53,720	55,296	56,568	58,144	59,497	60,602	61,974	63,566
Administrative and Support and Waste Management	21,138	21,772	22,355	22,955	23,571	24,157	24,749	25,354	25,952	26,513	27,113	27,724	28,296	28,900
Educational Services	1,151	1,224	1,253	1,284	1,313	1,349	1,382	1,449	1,484	1,519	1,553	1,593	1,629	1,669
Health Care and Social Assistance	27,083	27,471	28,272	29,079	29,882	30,697	31,518	32,368	33,219	34,098	34,979	35,800	36,710	37,554
Arts, Entertainment, and Recreation	3,539	3,617	3,711	3,835	3,929	4,049	4,143	4,243	4,378	4,471	4,571	4,671	4,805	4,904
Accommodation and Food Services	14,495	14,973	15,426	15,836	16,241	16,727	17,136	17,581	18,042	18,476	18,949	19,364	19,850	20,337
Other Services (except Public Administration)	10,224	10,529	10,832	11,151	11,456	11,768	12,096	12,376	12,716	13,081	13,364	13,740	14,052	14,433
Government	514	522	533	490	524	564	556	555	625	645	688	734	787	786

Cobb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	413	421	429	437	445	453	461	469	477	485	493	500	508
Mining	253	257	263	267	273	278	283	288	293	298	303	308	313
Utilities	1,972	2,017	2,063	2,109	2,156	2,203	2,250	2,299	2,347	2,396	2,446	2,496	2,547
Construction	54,149	55,026	55,833	56,714	57,592	58,478	59,354	60,246	61,132	62,059	62,994	63,888	64,732
Manufacturing	46,229	47,110	47,960	48,857	49,743	50,617	51,531	52,509	53,444	54,405	55,400	56,391	57,468
Wholesale Trade	115,141	117,297	119,690	121,902	124,321	126,741	129,168	131,637	134,140	136,759	139,339	141,559	144,246
Retail Trade	57,746	58,978	60,261	61,613	62,927	64,273	65,620	67,013	68,432	69,791	71,239	72,643	74,174
Transporatation and Warehousing	11,319	11,608	11,905	12,229	12,553	12,894	13,237	13,588	13,964	14,332	14,745	15,152	15,575
Information	48,435	49,258	50,107	51,443	52,397	53,368	54,320	55,299	56,273	56,935	57,941	59,053	60,188
Finance and Insurance	62,162	63,466	64,934	66,401	68,109	69,609	71,135	72,686	74,019	75,598	77,320	79,054	80,779
Real Estate and Rental and Leasing	25,687	26,275	26,846	27,312	27,921	28,528	29,156	29,789	30,415	31,178	31,826	32,349	33,110
Professional, Scientific, and Technical Services	81,924	83,475	85,087	86,813	88,395	90,043	91,666	93,324	94,928	96,612	98,319	99,978	101,729
Management of Companies and Enterprises	64,919	66,318	67,714	69,139	70,357	71,744	73,233	74,696	76,392	77,851	79,382	80,859	82,652
Administrative and Support and Waste Management	29,473	30,085	30,665	31,243	31,827	32,406	33,003	33,599	34,186	34,798	35,357	35,962	36,584
Educational Services	1,710	1,754	1,796	1,836	1,883	1,930	1,977	2,025	2,077	2,127	2,181	2,236	2,293
Health Care and Social Assistance	38,488	39,342	40,249	41,148	42,154	43,081	44,053	45,025	45,950	46,961	47,982	48,960	50,032
Arts, Entertainment, and Recreation	5,012	5,115	5,223	5,335	5,439	5,553	5,667	5,783	5,907	6,025	6,148	6,274	6,397
Accommodation and Food Services	20,779	21,295	21,766	22,224	22,709	23,214	23,717	24,234	24,764	25,324	25,814	26,373	26,915
Other Services (except Public Administration)	14,767	15,106	15,530	15,888	16,271	16,661	17,050	17,450	17,874	18,284	18,657	19,125	19,575
Government	857	888	992	1,037	1,099	1,183	1,268	1,378	1,503	1,622	1,693	1,873	1,949

Appendix G:
Impact of MARTA on Output by Industry

DeKalb County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	408	425	424	453	469	474	483	503	513	527	541	555	583	672
Mining	104	186	166	141	136	126	117	117	112	108	105	103	106	110
Utilities	21,519	26,786	26,392	24,904	26,872	26,915	27,265	29,585	30,161	30,859	31,623	34,043	35,488	37,028
Construction	20,595	28,499	26,155	22,260	22,766	21,273	20,687	20,878	20,604	20,403	20,593	20,532	21,257	22,004
Manufacturing	55,267	69,323	68,942	65,723	69,108	70,301	72,179	75,971	78,615	82,028	85,711	88,685	93,335	98,179
Wholesale Trade	34,228	41,120	41,468	40,746	43,070	44,358	46,479	49,414	51,744	54,257	57,162	59,945	62,715	65,758
Retail Trade	19,479	23,891	24,340	23,800	24,956	25,615	26,591	28,105	29,235	30,485	31,912	33,282	34,827	36,491
Transporatation and Warehousing	11,588	13,568	13,769	17,637	13,992	14,304	14,880	15,625	16,199	16,851	17,519	18,201	19,026	19,871
Information	30,975	37,887	39,851	40,958	44,487	47,234	50,506	54,264	57,972	61,647	65,916	69,832	73,485	76,884
Finance and Insurance	30,198	34,657	35,282	35,267	36,624	38,033	39,746	41,899	43,682	45,510	47,657	49,739	52,238	54,731
Real Estate and Rental and Leasing	10,378	12,505	13,038	12,821	13,553	13,890	14,478	15,222	15,850	16,510	17,284	17,997	18,860	19,799
Professional, Scientific, and Technical Services	19,042	23,502	24,295	23,955	25,898	26,792	28,217	30,175	31,644	33,285	35,130	36,774	38,289	39,823
Management of Companies and Enterprises	13,214	16,137	16,835	16,983	17,777	18,836	19,761	20,991	22,088	23,275	24,452	25,703	27,063	28,480
Administrative and Support and Waste Management	7,995	9,764	10,098	10,183	10,794	11,326	11,827	12,603	13,202	13,880	14,561	15,204	15,875	16,515
Educational Services	7,869	9,769	9,877	9,586	9,905	10,065	10,317	10,753	11,052	11,376	11,722	12,075	12,625	13,200
Health Care and Social Assistance	20,491	25,210	25,913	25,660	26,732	27,563	28,666	30,150	31,344	32,690	34,117	35,482	37,113	38,755
Arts, Entertainment, and Recreation	1,622	1,959	2,031	2,063	2,184	2,275	2,378	2,533	2,655	2,779	2,919	3,050	3,200	3,341
Accommodation and Food Services	6,733	8,241	8,544	8,582	9,034	9,390	9,825	10,778	10,870	11,371	11,908	12,451	13,078	13,763
Other Services (except Public Administration)	7,345	8,967	9,215	9,238	9,676	10,040	10,481	11,066	11,571	12,101	12,665	13,192	13,862	14,552
Government	8,326	10,273	10,903	11,430	12,161	12,817	13,578	14,389	15,140	15,933	16,706	17,491	18,523	19,614

DeKalb County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	703	735	767	800	832	866	897	931	963	996	1,029	1,062	1,093	1,126
Mining	114	118	122	126	130	135	139	143	148	152	157	161	166	170
Utilities	38,502	41,938	43,588	45,239	46,837	50,779	52,540	54,312	55,974	57,741	62,034	63,862	65,680	67,460
Construction	22,744	23,435	24,214	24,923	25,711	26,449	27,180	27,917	28,660	29,421	30,180	30,950	31,713	32,474
Manufacturing	102,641	107,695	112,418	117,235	122,606	127,650	132,767	137,383	142,636	147,938	152,798	158,261	163,162	168,071
Wholesale Trade	68,591	71,529	74,564	77,593	80,674	83,920	86,823	90,154	93,242	96,276	99,476	102,657	105,881	109,106
Retail Trade	38,112	39,734	41,445	43,105	44,754	46,523	48,196	49,939	51,658	53,438	55,195	56,936	58,696	60,382
Transporatation and Warehousing	20,606	21,520	22,314	23,114	23,954	24,812	25,683	26,577	27,499	28,288	29,235	30,081	31,052	31,909
Information	80,565	84,433	88,031	91,753	95,797	99,586	103,083	106,918	110,814	114,414	118,517	122,118	125,779	129,527
Finance and Insurance	57,377	60,018	62,759	65,391	68,034	70,948	73,701	76,534	79,385	82,075	85,031	87,782	90,551	93,675
Real Estate and Rental and Leasing	20,722	21,707	22,650	23,610	24,608	25,451	26,464	27,397	28,430	29,373	30,355	31,299	32,294	33,270
Professional, Scientific, and Technical Services	41,309	42,835	44,377	45,845	47,448	48,984	50,566	52,086	53,776	55,196	56,713	58,284	59,819	61,418
Management of Companies and Enterprises	29,913	31,100	32,591	34,160	35,380	37,020	38,295	39,961	41,303	42,620	44,089	45,854	47,236	48,621
Administrative and Support and Waste Management	17,175	17,844	18,491	19,145	19,806	20,495	21,181	21,845	22,514	23,194	23,886	24,543	25,200	25,863
Educational Services	13,789	14,360	14,963	15,546	16,139	16,709	17,328	17,945	18,534	19,147	19,766	20,369	20,960	21,574
Health Care and Social Assistance	40,413	42,107	43,787	45,524	47,206	48,992	50,706	52,462	54,172	55,963	57,708	59,477	61,201	62,961
Arts, Entertainment, and Recreation	3,503	3,651	3,789	3,939	4,081	4,258	4,393	4,542	4,697	4,840	5,000	5,156	5,300	5,464
Accommodation and Food Services	14,419	15,098	15,748	16,423	17,135	17,803	18,502	19,187	19,922	20,575	21,292	21,964	22,691	23,372
Other Services (except Public Administration)	15,212	15,900	16,595	17,265	17,946	18,656	19,380	20,058	20,791	21,504	22,238	22,914	23,615	24,317
Government	20,676	21,785	22,906	24,024	25,181	26,310	27,405	28,584	29,679	30,857	31,987	33,098	34,201	35,277

Appendix G:
Impact of MARTA on Output by Industry

DeKalb County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	1,249	1,287	1,320	1,353	1,386	1,419	1,450	1,483	1,514	1,546	1,577	1,606	1,637	1,667
Mining	174	179	184	189	193	198	202	207	212	217	222	227	232	237
Utilities	69,112	70,746	72,508	77,372	79,168	80,975	82,747	84,373	86,123	87,709	89,426	91,130	92,539	94,201
Construction	33,149	33,951	34,637	35,324	36,119	36,806	37,520	38,215	38,924	39,645	40,332	40,952	41,685	42,304
Manufacturing	173,031	178,112	183,146	188,269	192,696	197,822	202,323	207,509	212,019	216,584	221,068	225,691	230,332	234,149
Wholesale Trade	111,972	115,331	118,439	121,480	124,514	127,604	130,654	133,501	136,599	139,410	142,643	145,443	148,339	151,287
Retail Trade	62,099	63,878	65,600	67,330	69,085	70,735	72,462	74,130	75,811	77,484	79,179	80,808	82,443	84,105
Transporatation and Warehousing	32,778	33,701	34,592	35,386	36,322	37,289	38,100	38,953	39,937	40,794	41,684	42,583	43,498	44,290
Information	132,785	136,652	140,398	143,731	147,166	150,578	153,938	157,372	160,307	163,781	166,826	170,168	173,222	176,258
Finance and Insurance	96,131	99,051	101,991	104,681	107,604	110,372	113,108	115,892	118,406	121,230	124,044	126,643	129,260	131,826
Real Estate and Rental and Leasing	34,194	35,206	36,084	36,987	37,927	38,833	39,705	40,551	41,469	42,309	43,269	44,065	44,913	45,769
Professional, Scientific, and Technical Services	62,851	64,457	65,910	67,503	68,907	70,440	71,882	73,411	74,792	76,256	77,646	79,123	80,568	81,905
Management of Companies and Enterprises	50,133	51,578	53,081	54,527	55,678	57,120	58,666	60,176	61,285	62,791	63,947	65,538	66,693	68,213
Administrative and Support and Waste Management	26,532	27,191	27,842	28,510	29,149	29,813	30,440	31,077	31,712	32,321	32,920	33,526	34,152	34,757
Educational Services	22,162	22,784	23,387	23,999	24,609	25,204	25,787	26,368	26,957	27,557	28,151	28,725	29,334	29,909
Health Care and Social Assistance	64,886	66,489	68,184	69,983	71,690	73,428	75,180	76,882	78,595	80,257	81,928	83,654	85,372	87,042
Arts, Entertainment, and Recreation	5,595	5,756	5,897	6,059	6,202	6,329	6,473	6,621	6,760	6,905	7,055	7,206	7,309	7,461
Accommodation and Food Services	24,020	24,735	25,389	26,069	26,750	27,369	28,056	28,703	29,296	29,939	30,540	31,162	31,770	32,382
Other Services (except Public Administration)	25,009	25,741	26,422	27,121	27,808	28,506	29,159	29,842	30,507	31,133	31,825	32,461	33,115	33,756
Government	36,367	37,483	38,532	39,615	40,626	41,648	42,628	43,622	44,514	45,447	46,324	47,204	48,088	48,919

DeKalb County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,695	1,723	1,753	1,781	1,810	1,838	1,866	1,893	1,921	1,947	1,974	2,000	2,025
Mining	241	246	252	257	262	268	273	279	285	290	296	302	308
Utilities	95,849	97,461	99,088	100,691	102,271	103,843	105,390	106,941	108,465	109,972	111,468	112,952	114,417
Construction	43,003	43,632	44,335	44,967	45,594	46,226	46,850	47,485	48,114	48,639	49,296	49,927	50,490
Manufacturing	238,796	242,679	247,385	251,309	255,221	259,972	263,917	267,097	271,073	275,080	278,250	282,304	285,571
Wholesale Trade	153,726	156,635	159,237	162,168	164,781	167,385	169,987	172,618	175,265	177,489	180,155	182,492	184,720
Retail Trade	85,752	87,339	88,968	90,543	92,080	93,634	95,186	96,769	98,249	99,794	101,289	102,857	104,284
Transporatation and Warehousing	45,233	46,020	47,007	47,863	48,712	49,591	50,472	51,369	52,305	53,229	54,034	55,022	55,834
Information	178,799	181,802	184,854	187,231	189,752	192,296	194,788	197,316	199,822	201,942	204,465	206,440	208,422
Finance and Insurance	134,481	137,106	139,518	141,925	144,570	146,996	149,444	151,913	154,151	156,637	158,851	161,064	163,259
Real Estate and Rental and Leasing	46,405	47,108	47,790	48,814	49,526	50,230	50,950	51,667	52,375	52,965	53,681	54,300	54,867
Professional, Scientific, and Technical Services	83,296	84,645	86,037	87,303	88,678	89,988	91,282	92,602	93,867	95,091	96,324	97,628	98,774
Management of Companies and Enterprises	69,356	70,516	71,673	72,846	74,524	75,667	76,866	78,046	78,693	79,852	81,054	82,215	82,869
Administrative and Support and Waste Management	35,342	35,907	36,502	37,096	37,647	38,244	38,758	39,323	39,880	40,406	40,947	41,471	41,957
Educational Services	30,496	31,031	31,626	32,209	32,766	33,326	33,887	34,457	34,983	35,567	36,100	36,648	37,202
Health Care and Social Assistance	88,711	90,402	92,074	93,739	95,314	97,021	98,593	100,266	101,920	103,548	105,189	106,815	108,417
Arts, Entertainment, and Recreation	7,582	7,737	7,860	7,984	8,142	8,269	8,396	8,525	8,620	8,751	8,884	8,981	9,115
Accommodation and Food Services	32,949	33,505	34,090	34,669	35,187	35,718	36,245	36,780	37,318	37,800	38,298	38,773	39,221
Other Services (except Public Administration)	34,362	34,975	35,584	36,213	36,793	37,377	37,960	38,552	39,089	39,686	40,257	40,755	41,308
Government	49,728	50,504	51,252	51,935	52,635	53,259	53,876	54,415	54,968	55,496	55,978	56,360	56,824

Appendix G:
Impact of MARTA on Output by Industry

Fayette County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	131	135	138	138	143	146	150	155	255	263	270	278	292	306
Mining	10	3	2	2	2	2	2	2	2	2	2	2	2	2
Utilities	819	587	597	976	1,000	1,017	1,037	1,046	1,069	1,089	1,107	1,118	1,616	1,665
Construction	2,224	2,580	2,572	2,477	2,634	2,689	2,777	2,888	2,978	3,061	3,158	3,253	3,482	3,651
Manufacturing	5,814	6,420	6,714	6,511	7,151	7,342	7,793	8,109	8,623	8,923	9,256	9,584	10,411	10,997
Wholesale Trade	2,049	2,499	2,744	2,875	3,216	3,487	3,783	4,103	4,247	4,578	4,933	5,297	5,681	5,832
Retail Trade	2,450	2,907	3,081	3,023	3,359	3,576	3,781	4,013	4,217	4,455	4,707	4,963	5,221	5,511
Transporatation and Warehousing	651	939	1,009	1,503	1,046	1,125	1,114	1,213	1,308	1,305	1,404	1,401	1,526	1,539
Information	437	389	515	519	546	564	711	738	763	789	963	994	1,020	1,045
Finance and Insurance	1,705	1,984	2,147	2,226	2,465	2,650	2,850	3,069	3,291	3,519	3,600	3,841	4,117	4,393
Real Estate and Rental and Leasing	1,085	1,126	1,243	1,247	1,395	1,457	1,573	1,646	1,770	1,843	1,919	2,051	2,149	2,245
Professional, Scientific, and Technical Services	1,131	1,353	1,464	1,526	1,688	1,814	1,950	2,055	2,203	2,352	2,461	2,620	2,793	2,903
Management of Companies and Enterprises	146	149	153	151	270	277	284	291	299	306	314	321	331	339
Administrative and Support and Waste Management	1,085	1,272	1,364	1,382	1,530	1,582	1,682	1,790	1,856	1,960	2,029	2,138	2,221	2,339
Educational Services	45	53	53	58	60	60	59	69	69	69	69	70	81	83
Health Care and Social Assistance	2,037	2,527	2,696	2,701	2,947	3,123	3,269	3,477	3,644	3,806	3,974	4,143	4,392	4,586
Arts, Entertainment, and Recreation	339	398	426	432	477	507	517	551	587	622	660	696	713	751
Accommodation and Food Services	1,070	1,291	1,362	1,385	1,519	1,626	1,712	1,942	1,902	1,999	2,098	2,200	2,329	2,456
Other Services (except Public Administration)	998	1,270	1,342	1,368	1,494	1,597	1,682	1,802	1,897	1,992	2,119	2,220	2,337	2,454
Government	1,396	1,817	1,975	2,118	2,251	2,419	2,594	2,728	2,910	3,049	3,192	3,336	3,543	3,756

Fayette County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	320	334	349	363	377	392	406	421	435	450	464	478	673	692
Mining	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Utilities	1,710	1,747	1,796	1,843	1,886	1,919	1,967	2,013	2,052	2,098	2,729	2,784	2,837	2,891
Construction	3,825	4,006	4,192	4,311	4,501	4,684	4,882	5,073	5,264	5,402	5,612	5,811	5,946	6,153
Manufacturing	11,606	12,229	12,873	13,521	14,193	14,872	15,580	16,291	17,011	17,747	18,511	19,273	19,685	20,464
Wholesale Trade	6,219	6,616	7,027	7,196	7,623	7,797	8,241	8,693	8,881	9,347	9,549	10,030	10,219	10,715
Retail Trade	5,770	6,078	6,347	6,612	6,896	7,173	7,511	7,755	8,039	8,341	8,654	8,956	9,206	9,520
Transporatation and Warehousing	1,662	1,680	1,812	1,827	1,964	1,983	2,007	2,152	2,175	2,202	2,357	2,389	2,414	2,574
Information	1,232	1,261	1,291	1,320	1,349	1,377	1,590	1,622	1,653	1,686	1,718	1,750	1,984	2,019
Finance and Insurance	4,508	4,801	5,102	5,223	5,539	5,662	5,990	6,326	6,456	6,805	6,945	7,301	7,439	7,828
Real Estate and Rental and Leasing	2,346	2,449	2,554	2,658	2,768	2,874	2,989	3,104	3,216	3,337	3,460	3,579	3,636	3,763
Professional, Scientific, and Technical Services	3,021	3,192	3,317	3,484	3,614	3,734	3,871	4,004	4,142	4,265	4,467	4,549	4,683	4,828
Management of Companies and Enterprises	349	358	517	530	542	554	567	580	592	604	617	630	641	654
Administrative and Support and Waste Management	2,422	2,507	2,633	2,716	2,807	2,893	2,987	3,082	3,171	3,269	3,368	3,466	3,561	3,664
Educational Services	84	86	88	100	102	104	106	107	120	123	125	127	129	131
Health Care and Social Assistance	4,787	4,993	5,152	5,358	5,575	5,790	5,961	6,186	6,354	6,586	6,772	6,951	7,181	7,370
Arts, Entertainment, and Recreation	793	833	852	892	936	954	999	1,019	1,063	1,084	1,131	1,152	1,199	1,220
Accommodation and Food Services	2,588	2,724	2,826	2,965	3,109	3,215	3,365	3,478	3,588	3,745	3,865	3,983	4,100	4,265
Other Services (except Public Administration)	2,573	2,696	2,822	2,948	3,045	3,175	3,312	3,414	3,549	3,656	3,800	3,908	4,015	4,126
Government	3,975	4,202	4,434	4,621	4,866	5,063	5,319	5,525	5,734	5,947	6,164	6,385	6,607	6,834

Appendix G:
Impact of MARTA on Output by Industry

Fayette County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	710	728	746	763	781	798	814	831	847	862	878	893	907	922
Mining	3	4	4	4	4	4	4	4	4	4	4	4	5	5
Utilities	2,936	2,985	3,037	3,068	3,118	3,166	3,214	3,260	3,307	3,344	3,390	3,435	3,476	3,520
Construction	6,359	6,484	6,695	6,818	7,030	7,162	7,362	7,498	7,626	7,835	7,959	8,087	8,207	8,413
Manufacturing	21,249	21,657	22,459	22,868	23,687	24,501	24,932	25,350	26,192	26,621	27,473	27,906	28,339	28,771
Wholesale Trade	10,915	11,400	11,611	11,792	12,313	12,515	12,700	13,228	13,422	13,615	13,811	13,995	14,526	14,716
Retail Trade	9,776	10,028	10,346	10,598	10,862	11,121	11,380	11,646	11,905	12,169	12,367	12,629	12,886	13,085
Transporatation and Warehousing	2,606	2,638	2,806	2,836	2,874	2,910	2,945	3,127	3,164	3,203	3,246	3,286	3,328	3,373
Information	2,053	2,086	2,119	2,151	2,185	2,217	2,249	2,513	2,547	2,581	2,615	2,647	2,680	2,713
Finance and Insurance	7,946	8,085	8,465	8,603	8,745	9,135	9,275	9,418	9,560	9,961	10,102	10,241	10,381	10,517
Real Estate and Rental and Leasing	3,888	3,943	4,071	4,198	4,259	4,390	4,445	4,585	4,642	4,702	4,835	4,896	4,953	5,013
Professional, Scientific, and Technical Services	4,968	5,103	5,249	5,322	5,468	5,614	5,693	5,841	5,921	6,067	6,148	6,289	6,367	6,447
Management of Companies and Enterprises	666	677	689	699	712	723	940	954	967	980	994	1,007	1,021	1,033
Administrative and Support and Waste Management	3,763	3,862	3,922	4,020	4,124	4,182	4,283	4,348	4,450	4,509	4,614	4,672	4,732	4,790
Educational Services	134	136	150	153	155	157	160	162	165	167	170	172	175	177
Health Care and Social Assistance	7,576	7,737	7,926	8,112	8,302	8,492	8,683	8,878	9,011	9,207	9,340	9,536	9,673	9,870
Arts, Entertainment, and Recreation	1,269	1,289	1,311	1,359	1,381	1,402	1,453	1,476	1,497	1,549	1,570	1,592	1,614	1,636
Accommodation and Food Services	4,385	4,505	4,631	4,706	4,832	4,956	5,080	5,209	5,287	5,414	5,492	5,619	5,697	5,826
Other Services (except Public Administration)	4,275	4,383	4,497	4,608	4,722	4,794	4,907	5,025	5,140	5,215	5,330	5,403	5,520	5,594
Government	7,064	7,231	7,466	7,636	7,875	8,049	8,223	8,399	8,574	8,752	8,931	9,110	9,216	9,396

Fayette County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	936	949	963	975	988	1,000	1,012	1,023	1,035	1,045	1,056	1,065	1,075
Mining	5	5	5	5	5	5	5	5	5	6	6	6	6
Utilities	3,565	3,607	3,649	3,690	3,732	3,772	3,812	3,852	3,892	3,931	3,969	4,006	4,044
Construction	8,540	8,666	8,776	8,891	9,007	9,122	9,237	9,351	9,464	9,578	9,689	9,791	9,904
Manufacturing	29,676	30,126	30,567	31,017	31,468	31,922	32,385	32,859	33,330	33,815	34,303	34,278	34,789
Wholesale Trade	14,918	15,099	15,280	15,453	15,633	15,809	15,984	16,157	16,328	16,502	16,671	16,820	16,987
Retail Trade	13,357	13,551	13,748	13,935	14,198	14,392	14,586	14,710	14,902	15,099	15,289	15,397	15,594
Transporatation and Warehousing	3,574	3,619	3,666	3,716	3,766	3,819	3,872	3,924	3,982	4,039	4,101	3,990	4,051
Information	2,747	2,779	2,810	2,841	2,873	2,905	2,936	2,966	2,997	3,028	3,059	3,088	3,119
Finance and Insurance	10,939	11,076	11,216	11,354	11,491	11,626	11,765	11,900	12,038	12,173	12,309	12,131	12,260
Real Estate and Rental and Leasing	5,157	5,217	5,275	5,333	5,395	5,452	5,514	5,573	5,632	5,696	5,757	5,812	5,786
Professional, Scientific, and Technical Services	6,533	6,678	6,754	6,829	6,906	6,982	7,058	7,133	7,211	7,288	7,363	7,355	7,431
Management of Companies and Enterprises	1,047	1,059	1,071	1,083	1,095	1,107	1,119	1,130	1,142	1,153	1,165	1,173	1,185
Administrative and Support and Waste Management	4,903	4,961	5,019	5,077	5,137	5,196	5,255	5,315	5,375	5,437	5,499	5,554	5,562
Educational Services	180	183	185	188	191	193	196	199	202	205	208	210	213
Health Care and Social Assistance	10,013	10,148	10,349	10,486	10,623	10,761	10,901	11,042	11,185	11,259	11,401	11,538	11,681
Arts, Entertainment, and Recreation	1,658	1,680	1,734	1,755	1,778	1,800	1,822	1,844	1,866	1,889	1,878	1,898	1,921
Accommodation and Food Services	5,908	5,985	6,062	6,138	6,268	6,345	6,422	6,499	6,522	6,599	6,676	6,746	6,768
Other Services (except Public Administration)	5,715	5,788	5,862	5,934	6,009	6,082	6,156	6,229	6,303	6,376	6,452	6,522	6,546
Government	9,501	9,683	9,787	9,890	9,993	10,096	10,198	10,300	10,401	10,501	10,517	10,616	10,714

Appendix G:
Impact of MARTA on Output by Industry

Fulton County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	461	450	451	438	451	457	466	481	537	551	565	579	607	637
Mining	280	397	368	325	324	309	298	300	294	290	288	286	298	311
Utilities	1,285	4,786	4,726	4,368	4,356	4,363	4,413	4,404	4,498	4,614	4,724	4,664	4,866	5,094
Construction	17,236	22,189	20,992	19,450	19,518	19,671	18,928	19,959	20,151	20,505	20,891	21,403	22,352	23,280
Manufacturing	79,221	96,557	99,752	98,460	106,418	111,723	116,690	126,100	133,428	141,440	149,896	158,817	166,714	175,495
Wholesale Trade	50,478	62,889	63,922	62,317	67,143	70,069	72,774	77,852	81,792	86,214	90,737	95,412	100,334	105,140
Retail Trade	28,044	34,881	35,163	33,705	35,276	36,014	37,109	39,091	40,553	42,211	44,040	45,839	48,024	50,224
Transporatation and Warehousing	426,106	442,976	430,829	424,639	403,328	402,048	414,186	421,777	426,925	435,229	442,103	449,035	464,887	481,278
Information	85,621	106,755	112,682	114,127	124,730	132,879	140,481	152,056	161,686	172,033	182,652	193,380	202,682	211,911
Finance and Insurance	83,120	100,895	103,840	100,987	107,472	110,977	115,625	121,999	127,502	133,149	139,498	145,545	152,919	160,413
Real Estate and Rental and Leasing	27,758	33,512	33,248	32,079	34,212	35,234	36,401	38,356	40,021	41,698	43,533	45,221	47,524	49,740
Professional, Scientific, and Technical Services	56,883	70,475	71,042	68,714	73,893	76,962	79,102	84,844	88,652	92,896	97,483	102,092	106,558	111,054
Management of Companies and Enterprises	25,985	31,958	32,983	32,477	35,116	36,567	38,317	40,777	42,984	45,038	47,529	49,718	52,426	54,976
Administrative and Support and Waste Management	19,703	24,323	24,850	23,996	26,150	27,070	28,254	29,982	31,369	32,809	34,388	35,935	37,455	38,994
Educational Services	5,058	6,351	6,398	6,007	6,276	6,335	6,459	6,717	6,862	7,071	7,276	7,484	7,820	8,172
Health Care and Social Assistance	29,731	37,396	38,151	36,927	38,751	39,656	41,047	43,154	44,838	46,640	48,650	50,594	52,917	55,273
Arts, Entertainment, and Recreation	7,251	8,791	9,023	8,864	9,376	9,703	10,049	10,587	11,029	11,472	11,977	12,453	13,078	13,684
Accommodation and Food Services	21,857	26,488	27,011	26,103	27,662	28,389	29,411	32,376	32,197	33,537	34,998	36,414	38,211	40,024
Other Services (except Public Administration)	11,811	14,844	15,045	14,577	15,306	15,676	16,227	17,032	17,704	18,390	19,154	19,904	20,860	21,847
Government	14,264	15,183	16,097	16,761	17,896	18,909	19,959	21,190	22,279	23,429	24,586	25,767	27,269	28,835

Fulton County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	665	694	723	812	844	876	907	938	970	1,002	1,034	1,066	1,096	1,127
Mining	323	338	351	364	378	394	407	420	434	448	464	478	492	506
Utilities	5,290	5,279	5,502	5,726	5,924	5,910	6,134	6,364	6,551	6,784	6,705	6,931	7,160	7,381
Construction	24,199	25,279	26,251	27,229	28,226	29,291	30,301	31,333	32,375	33,360	34,462	35,519	36,507	37,571
Manufacturing	183,764	192,509	201,222	210,061	218,501	227,908	236,592	245,960	254,829	263,828	273,145	282,279	290,816	299,904
Wholesale Trade	109,988	115,094	119,921	125,088	130,129	135,329	140,444	145,414	150,785	155,866	161,127	166,322	171,289	176,118
Retail Trade	52,437	54,765	57,071	59,351	61,723	64,095	66,477	68,880	71,250	73,636	76,096	78,509	80,946	83,286
Transporatation and Warehousing	497,962	515,706	533,623	552,126	571,294	591,160	611,262	631,981	653,274	674,940	697,512	720,152	743,515	767,376
Information	221,434	230,684	240,294	249,663	258,850	268,587	278,078	287,562	296,699	306,183	315,657	324,721	334,255	342,897
Finance and Insurance	167,991	175,734	183,487	191,273	199,154	207,293	215,367	223,421	231,466	239,511	247,877	255,999	263,918	273,954
Real Estate and Rental and Leasing	52,054	54,380	56,743	58,987	61,474	63,825	66,191	68,642	71,014	73,373	75,763	78,228	80,678	82,829
Professional, Scientific, and Technical Services	115,555	120,302	124,856	129,384	134,082	138,848	143,513	148,244	153,173	157,568	162,377	166,998	171,729	176,157
Management of Companies and Enterprises	57,548	60,291	62,947	65,509	68,310	70,991	73,886	76,556	79,346	82,042	84,975	87,782	90,337	93,095
Administrative and Support and Waste Management	40,544	42,164	43,718	45,266	46,866	48,501	50,117	51,705	53,302	54,922	56,540	58,142	59,742	61,293
Educational Services	8,532	8,913	9,252	9,630	9,988	10,389	10,762	11,134	11,509	11,879	12,274	12,661	13,036	13,423
Health Care and Social Assistance	57,639	60,096	62,516	64,925	67,430	69,952	72,438	74,974	77,473	80,003	82,568	85,134	87,615	90,135
Arts, Entertainment, and Recreation	14,285	14,926	15,546	16,180	16,820	17,478	18,098	18,765	19,422	20,016	20,701	21,326	21,979	22,599
Accommodation and Food Services	41,860	43,738	45,620	47,494	49,387	51,375	53,295	55,226	57,152	59,117	61,096	63,062	64,990	66,895
Other Services (except Public Administration)	22,840	23,844	24,849	25,831	26,872	27,922	28,919	29,970	30,991	32,036	33,105	34,129	35,170	36,197
Government	30,402	32,026	33,605	35,226	36,860	38,494	40,145	41,758	43,403	45,024	46,679	48,273	49,876	51,450

Appendix G:
Impact of MARTA on Output by Industry

Fulton County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	1,159	1,272	1,305	1,337	1,368	1,400	1,431	1,463	1,494	1,524	1,555	1,583	1,613	1,642
Mining	519	534	547	565	578	592	605	619	632	646	659	673	686	699
Utilities	7,554	7,758	7,986	7,879	8,099	8,330	8,556	8,753	8,982	9,154	9,386	9,621	10,601	10,845
Construction	38,537	39,572	40,665	41,709	42,712	43,716	44,726	45,738	46,750	47,667	48,673	49,697	50,622	51,639
Manufacturing	308,341	317,949	326,495	335,499	344,057	352,714	360,717	369,406	377,261	386,092	393,952	402,033	410,017	417,887
Wholesale Trade	181,408	186,522	191,383	196,555	201,261	206,150	210,882	215,789	220,214	224,769	229,344	233,871	238,330	242,587
Retail Trade	85,653	88,120	90,518	92,983	95,264	97,703	100,038	102,418	104,733	107,104	109,433	111,713	114,066	116,353
Transporatation and Warehousing	791,685	816,697	841,912	868,175	894,604	921,696	949,147	977,511	1,006,237	1,035,633	1,065,541	1,096,107	1,127,616	1,159,398
Information	352,104	361,433	370,304	379,068	387,702	396,423	405,069	413,410	421,804	429,769	437,823	445,744	453,766	461,441
Finance and Insurance	279,876	288,287	296,103	304,117	311,978	319,705	327,693	335,391	342,955	350,361	357,898	365,414	372,650	380,193
Real Estate and Rental and Leasing	85,267	87,613	90,045	92,395	94,514	96,866	99,106	101,341	103,515	105,723	107,859	109,915	112,111	114,151
Professional, Scientific, and Technical Services	180,742	185,608	190,067	194,797	199,226	203,718	208,101	212,527	216,911	221,160	225,463	229,739	233,914	238,062
Management of Companies and Enterprises	95,764	98,424	101,344	103,891	106,378	108,960	111,598	113,950	116,630	118,909	121,409	123,697	126,128	128,399
Administrative and Support and Waste Management	62,858	64,489	66,058	67,668	69,193	70,724	72,240	73,767	75,274	76,768	78,227	79,718	81,183	82,608
Educational Services	13,796	14,196	14,575	14,963	15,344	15,709	16,104	16,469	16,865	17,235	17,600	17,985	18,355	18,739
Health Care and Social Assistance	93,137	95,269	97,779	100,352	102,807	105,360	107,865	110,333	112,809	115,301	117,807	120,291	122,777	125,206
Arts, Entertainment, and Recreation	23,224	23,865	24,505	25,144	25,787	26,345	26,990	27,587	28,163	28,806	29,399	29,997	30,487	31,077
Accommodation and Food Services	68,781	70,794	72,687	74,638	76,512	78,401	80,233	82,104	83,985	85,780	87,583	89,439	91,187	92,945
Other Services (except Public Administration)	37,179	38,273	39,296	40,310	41,338	42,337	43,337	44,312	45,332	46,318	47,250	48,252	49,198	50,151
Government	52,998	54,594	56,122	57,584	59,097	60,528	61,966	63,367	64,705	66,013	67,285	68,557	69,783	70,947

Fulton County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,672	1,700	1,730	1,758	1,786	1,816	1,844	1,871	1,900	1,928	1,955	1,983	2,010
Mining	713	726	740	753	766	780	794	807	821	835	848	862	876
Utilities	11,089	11,329	11,578	11,828	12,078	12,330	12,583	12,839	13,093	13,352	13,613	13,874	14,137
Construction	52,551	53,468	54,467	55,395	56,323	57,251	58,176	59,107	60,027	60,966	61,816	62,740	63,577
Manufacturing	425,011	432,078	440,154	447,311	455,373	462,536	469,681	476,895	484,046	490,264	497,492	503,757	510,149
Wholesale Trade	246,781	250,901	255,179	259,300	263,150	267,025	270,845	274,643	278,486	281,960	285,363	288,839	292,204
Retail Trade	118,558	120,861	123,147	125,375	127,574	129,799	132,016	134,279	136,440	138,672	140,857	143,022	145,262
Transporatation and Warehousing	1,192,162	1,225,393	1,259,448	1,294,353	1,329,752	1,366,030	1,403,141	1,441,133	1,479,783	1,519,619	1,559,884	1,601,414	1,643,624
Information	469,108	476,220	483,855	491,036	497,891	504,712	511,529	518,393	524,707	531,228	537,661	543,620	549,656
Finance and Insurance	387,141	394,293	401,341	408,372	415,011	422,012	428,391	435,119	441,531	447,899	454,359	460,485	466,886
Real Estate and Rental and Leasing	116,173	118,219	120,224	122,062	123,942	125,988	127,664	129,536	131,367	133,116	134,771	136,656	138,155
Professional, Scientific, and Technical Services	242,115	246,164	250,210	254,180	258,122	261,982	265,829	269,692	273,359	277,106	280,783	284,441	288,003
Management of Companies and Enterprises	130,839	132,884	135,285	137,357	139,299	141,679	143,351	145,349	147,425	149,404	151,017	152,960	154,615
Administrative and Support and Waste Management	84,016	85,391	86,795	88,186	89,560	90,897	92,237	93,589	94,881	96,159	97,451	98,697	99,951
Educational Services	19,095	19,486	19,844	20,229	20,599	20,969	21,339	21,714	22,097	22,441	22,829	23,188	23,549
Health Care and Social Assistance	127,656	130,092	132,540	134,976	137,415	139,831	142,265	144,729	147,168	149,597	151,976	154,399	156,822
Arts, Entertainment, and Recreation	31,670	32,189	32,780	33,306	33,826	34,352	34,875	35,403	35,930	36,457	36,917	37,443	37,894
Accommodation and Food Services	94,710	96,412	98,165	99,844	101,521	103,178	104,827	106,494	108,121	109,703	111,292	112,851	114,431
Other Services (except Public Administration)	51,110	52,019	52,951	53,888	54,784	55,684	56,581	57,487	58,344	59,198	60,088	60,976	61,799
Government	72,111	73,236	74,243	75,298	76,256	77,153	78,040	78,869	79,706	80,401	81,106	81,752	82,304

Appendix G:
Impact of MARTA on Output by Industry

Gwinnett County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	158	190	190	182	189	191	195	204	208	215	221	316	332	347
Mining	8	3	3	3	2	2	2	2	2	2	2	2	2	2
Utilities	197	290	276	248	235	232	225	220	221	223	226	214	221	231
Construction	17,985	28,378	24,839	21,487	20,385	19,949	17,348	18,430	17,785	17,532	17,402	17,331	17,784	18,300
Manufacturing	42,128	57,211	67,870	72,869	86,488	95,724	103,664	118,732	129,358	140,530	152,918	164,800	170,881	176,446
Wholesale Trade	16,570	21,654	21,829	21,217	22,244	23,175	23,306	25,278	26,185	27,498	28,757	30,266	31,537	32,815
Retail Trade	14,095	18,357	18,103	17,055	17,461	17,698	17,728	18,779	19,275	19,916	20,598	21,356	22,201	23,080
Transporatation and Warehousing	2,184	2,717	2,489	3,311	2,296	2,280	2,154	2,253	2,167	2,220	2,274	2,209	2,324	2,310
Information	8,300	11,284	11,097	10,323	11,113	11,284	11,311	12,136	12,483	12,957	13,506	14,024	14,501	15,033
Finance and Insurance	13,263	15,387	14,905	14,214	14,535	14,714	15,100	15,627	16,069	16,652	17,094	17,682	18,358	19,212
Real Estate and Rental and Leasing	3,203	4,145	4,309	3,977	4,033	4,052	3,995	4,204	4,274	4,382	4,522	4,660	4,869	5,069
Professional, Scientific, and Technical Services	8,303	11,034	10,969	10,305	10,747	11,017	10,938	11,847	12,276	12,729	13,285	13,826	14,330	14,949
Management of Companies and Enterprises	3,117	4,019	3,940	3,926	4,191	4,173	4,396	4,783	4,843	5,185	5,265	5,629	5,999	6,105
Administrative and Support and Waste Management	5,319	6,673	6,725	6,423	6,668	6,850	7,004	7,440	7,713	8,035	8,408	8,729	9,136	9,556
Educational Services	430	515	515	451	477	458	472	476	499	497	528	530	540	582
Health Care and Social Assistance	4,719	6,021	6,034	5,767	5,933	5,998	6,116	6,426	6,618	6,799	7,068	7,342	7,683	7,979
Arts, Entertainment, and Recreation	1,780	2,268	2,294	2,142	2,264	2,260	2,369	2,536	2,578	2,729	2,797	2,959	3,043	3,220
Accommodation and Food Services	3,305	3,977	3,938	3,729	3,813	3,864	3,911	4,350	4,184	4,311	4,457	4,605	4,819	4,996
Other Services (except Public Administration)	3,025	3,689	3,668	3,477	3,533	3,580	3,601	3,791	3,859	3,966	4,117	4,243	4,422	4,606
Government	1,360	1,701	1,667	1,646	1,657	1,677	1,663	1,738	1,795	1,815	1,893	1,923	2,046	2,125

Gwinnett County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	363	380	396	412	429	446	462	479	496	512	529	546	562	578
Mining	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Utilities	238	671	696	721	745	750	775	800	823	848	846	870	894	917
Construction	18,784	19,328	19,849	20,378	20,905	21,466	22,004	22,549	23,094	23,578	24,141	24,700	25,272	25,721
Manufacturing	182,785	189,345	195,149	200,975	207,718	213,792	219,874	226,952	233,109	239,216	245,680	251,972	258,397	264,750
Wholesale Trade	34,126	35,508	36,908	38,304	39,749	41,253	42,742	44,312	45,539	47,119	48,410	50,059	51,370	53,038
Retail Trade	24,043	24,988	25,914	26,859	27,767	28,786	29,772	30,724	31,735	32,706	33,717	34,706	35,702	36,700
Transporatation and Warehousing	2,435	2,438	2,571	2,571	2,714	2,723	2,874	2,891	2,908	3,077	3,097	3,138	3,313	3,342
Information	15,467	15,983	16,530	17,118	17,651	18,227	18,493	19,073	19,674	19,957	20,612	21,277	21,538	22,254
Finance and Insurance	19,941	20,860	21,592	22,390	23,404	24,198	25,012	25,869	26,718	27,632	28,518	29,446	30,389	31,769
Real Estate and Rental and Leasing	5,109	5,316	5,550	5,795	5,836	6,089	6,345	6,411	6,664	6,960	7,042	7,318	7,400	7,706
Professional, Scientific, and Technical Services	15,488	15,958	16,520	17,082	17,679	18,275	18,786	19,419	19,988	20,554	21,116	21,777	22,334	22,876
Management of Companies and Enterprises	6,497	6,634	7,039	7,172	7,617	7,755	7,882	8,351	8,504	8,993	9,172	9,302	9,835	9,971
Administrative and Support and Waste Management	9,933	10,377	10,776	11,237	11,652	12,084	12,510	12,958	13,398	13,853	14,317	14,732	15,195	15,664
Educational Services	594	609	653	666	681	730	746	761	812	831	850	866	923	939
Health Care and Social Assistance	8,341	8,716	9,036	9,414	9,748	10,090	10,497	10,844	11,197	11,551	12,004	12,368	12,743	13,116
Arts, Entertainment, and Recreation	3,318	3,504	3,605	3,789	3,891	3,998	4,203	4,310	4,416	4,636	4,749	4,863	5,077	5,194
Accommodation and Food Services	5,220	5,458	5,656	5,861	6,106	6,329	6,542	6,773	6,999	7,235	7,480	7,728	7,921	8,167
Other Services (except Public Administration)	4,794	4,997	5,199	5,409	5,623	5,793	6,023	6,254	6,427	6,672	6,862	7,118	7,320	7,517
Government	2,207	2,298	2,388	2,490	2,538	2,656	2,780	2,843	2,917	3,061	3,141	3,239	3,331	3,438

Appendix G:
Impact of MARTA on Output by Industry

Gwinnett County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	593	610	626	642	657	674	688	704	720	734	750	764	778	793
Mining	3	3	3	3	4	4	4	4	4	4	4	4	4	4
Utilities	938	959	983	976	999	1,021	1,043	1,062	1,084	1,102	1,124	1,145	1,160	1,181
Construction	26,290	26,891	27,353	27,946	28,421	29,013	29,500	29,983	30,589	31,092	31,571	32,191	32,712	33,209
Manufacturing	271,126	277,727	284,224	289,709	296,379	302,980	308,624	315,307	322,239	327,885	334,772	340,654	346,541	353,840
Wholesale Trade	54,341	55,713	57,162	58,536	59,937	61,393	62,791	64,304	65,776	66,851	68,389	69,922	71,004	72,183
Retail Trade	37,711	38,825	39,847	40,853	41,914	42,930	44,031	45,067	46,113	47,132	48,193	49,290	50,255	51,368
Transporatation and Warehousing	3,383	3,592	3,642	3,698	3,917	3,983	4,054	4,129	4,203	4,450	4,551	4,650	4,743	4,867
Information	22,564	23,350	23,638	24,418	24,816	25,634	25,985	26,828	27,261	27,687	28,186	29,018	29,517	30,031
Finance and Insurance	32,249	33,288	34,309	35,071	36,089	37,193	37,968	39,078	39,938	41,080	41,917	42,800	44,040	44,923
Real Estate and Rental and Leasing	7,808	8,147	8,232	8,337	8,715	8,826	9,166	9,329	9,451	9,606	10,000	10,167	10,327	10,504
Professional, Scientific, and Technical Services	23,440	24,053	24,731	25,317	25,795	26,415	27,015	27,625	28,261	28,759	29,404	29,910	30,570	31,119
Management of Companies and Enterprises	10,160	10,727	10,881	11,032	11,275	11,847	12,019	12,213	12,418	12,592	12,832	13,473	13,706	13,889
Administrative and Support and Waste Management	16,075	16,590	17,025	17,471	17,900	18,412	18,860	19,326	19,727	20,195	20,667	21,143	21,567	22,041
Educational Services	958	982	1,003	1,061	1,082	1,107	1,130	1,154	1,177	1,202	1,266	1,294	1,319	1,347
Health Care and Social Assistance	13,634	13,902	14,228	14,635	15,040	15,452	15,786	16,212	16,638	16,991	17,428	17,798	18,167	18,625
Arts, Entertainment, and Recreation	5,308	5,552	5,677	5,789	5,915	6,162	6,286	6,425	6,550	6,671	6,808	6,945	7,214	7,351
Accommodation and Food Services	8,427	8,651	8,865	9,151	9,379	9,610	9,842	10,088	10,340	10,584	10,850	11,052	11,325	11,533
Other Services (except Public Administration)	7,712	7,928	8,142	8,368	8,584	8,812	9,040	9,287	9,524	9,700	9,955	10,139	10,403	10,592
Government	3,550	3,596	3,719	3,858	3,919	3,987	4,149	4,236	4,406	4,508	4,624	4,655	4,779	4,828

Gwinnett County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	807	821	835	849	863	877	890	903	917	930	943	957	969
Mining	4	4	5	5	5	5	5	5	5	5	5	5	5
Utilities	1,202	1,222	1,243	1,264	1,284	1,305	1,325	1,345	1,365	1,385	1,405	1,425	1,445
Construction	33,711	34,239	34,847	35,391	35,926	36,468	37,007	37,558	38,098	38,665	39,123	39,678	40,299
Manufacturing	359,842	366,052	372,133	378,513	384,768	391,102	397,602	404,455	411,118	418,018	425,040	432,192	438,039
Wholesale Trade	73,806	74,937	76,142	77,787	79,035	80,287	81,543	82,817	83,582	84,941	86,277	87,688	89,046
Retail Trade	52,487	53,504	54,570	55,734	56,821	57,934	59,047	60,195	61,355	62,436	63,618	64,740	65,980
Transporatation and Warehousing	4,977	5,099	5,226	5,368	5,515	5,671	5,829	5,991	6,171	6,343	6,550	6,749	6,961
Information	30,597	31,122	31,642	32,666	33,292	33,929	34,558	35,203	35,866	36,658	36,835	37,607	38,401
Finance and Insurance	45,871	47,131	48,148	49,173	50,150	51,187	52,274	53,359	54,538	55,662	56,481	57,701	58,901
Real Estate and Rental and Leasing	10,681	10,879	11,351	11,544	11,770	11,977	12,228	12,463	12,695	12,688	12,945	13,226	13,539
Professional, Scientific, and Technical Services	31,764	32,306	32,876	33,454	34,022	34,613	35,201	35,800	36,434	37,048	37,669	38,202	38,847
Management of Companies and Enterprises	14,126	14,382	14,613	14,880	15,108	15,338	15,629	15,894	16,187	16,451	16,749	17,014	17,343
Administrative and Support and Waste Management	22,479	22,961	23,402	23,857	24,306	24,758	25,223	25,688	26,148	26,633	27,059	27,544	28,049
Educational Services	1,377	1,407	1,437	1,465	1,498	1,531	1,564	1,597	1,634	1,670	1,707	1,746	1,786
Health Care and Social Assistance	19,005	19,385	19,786	20,271	20,672	21,084	21,509	21,936	22,294	22,737	23,185	23,653	24,118
Arts, Entertainment, and Recreation	7,494	7,639	7,780	7,933	8,081	8,236	8,390	8,548	8,710	8,870	9,043	9,209	9,380
Accommodation and Food Services	11,820	12,040	12,274	12,579	12,820	13,076	13,331	13,591	13,862	14,074	14,365	14,649	14,892
Other Services (except Public Administration)	10,866	11,071	11,280	11,496	11,725	11,956	12,187	12,423	12,671	12,917	13,182	13,367	13,634
Government	4,962	5,029	5,095	5,262	5,351	5,451	5,552	5,666	5,690	5,814	5,957	6,011	6,162

Appendix G:
Impact of MARTA on Output by Industry

Henry County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	313	325	346	362	385	405	426	446	467	487	506	525	554	582
Mining	126	146	147	145	149	151	153	156	158	161	162	164	172	181
Utilities	851	886	941	974	1,038	1,095	1,155	1,204	1,264	1,324	1,381	1,426	1,503	1,581
Construction	3,411	4,484	4,351	4,002	4,213	4,157	4,210	4,322	4,400	4,480	4,598	4,679	4,889	5,097
Manufacturing	8,844	10,379	11,406	11,930	13,447	14,487	15,814	17,279	18,655	20,072	21,627	23,067	24,116	25,174
Wholesale Trade	853	1,183	1,274	1,332	1,460	1,566	1,680	1,804	1,928	2,053	2,183	2,308	2,429	2,548
Retail Trade	3,182	3,948	4,153	4,183	4,514	4,740	4,995	5,292	5,572	5,861	6,160	6,445	6,765	7,082
Transporatation and Warehousing	1,338	1,678	1,764	2,290	1,942	2,048	2,161	2,288	2,409	2,534	2,657	2,777	2,921	3,065
Information	1,068	1,381	1,497	1,577	1,721	1,851	1,986	2,136	2,280	2,435	2,587	2,738	2,882	3,027
Finance and Insurance	1,591	2,095	2,217	2,276	2,438	2,573	2,721	2,888	3,042	3,206	3,371	3,526	3,706	3,880
Real Estate and Rental and Leasing	935	1,128	1,198	1,235	1,334	1,411	1,491	1,580	1,666	1,754	1,843	1,927	2,029	2,126
Professional, Scientific, and Technical Services	782	884	929	945	1,013	1,068	1,129	1,202	1,269	1,340	1,413	1,484	1,563	1,641
Management of Companies and Enterprises	77	111	119	124	135	144	153	164	174	184	194	204	215	226
Administrative and Support and Waste Management	773	969	1,042	1,089	1,195	1,283	1,374	1,479	1,581	1,686	1,794	1,901	2,005	2,108
Educational Services	59	70	74	73	79	82	86	90	94	98	102	106	112	117
Health Care and Social Assistance	1,659	2,025	2,142	2,171	2,342	2,470	2,610	2,771	2,925	3,086	3,249	3,410	3,593	3,777
Arts, Entertainment, and Recreation	236	215	226	230	248	263	279	296	314	332	351	368	388	407
Accommodation and Food Services	973	1,209	1,268	1,277	1,370	1,435	1,505	1,687	1,662	1,741	1,819	1,895	1,991	2,086
Other Services (except Public Administration)	1,036	1,247	1,310	1,315	1,410	1,480	1,556	1,643	1,726	1,815	1,899	1,986	2,087	2,186
Government	180	274	347	438	496	560	614	667	720	772	822	873	940	1,008

Henry County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	611	640	669	698	727	756	785	813	842	870	898	926	954	981
Mining	190	199	207	216	225	234	243	252	261	269	278	286	295	303
Utilities	1,657	1,724	1,801	1,882	1,955	2,018	2,097	2,174	2,248	2,324	2,380	2,455	2,530	2,603
Construction	5,308	5,524	5,732	5,948	6,154	6,366	6,578	6,786	6,997	7,205	7,407	7,610	7,816	8,013
Manufacturing	26,241	27,322	28,380	29,487	30,529	31,611	32,707	33,781	34,871	35,935	36,997	38,058	39,133	40,186
Wholesale Trade	2,669	2,794	2,912	3,037	3,154	3,274	3,396	3,515	3,638	3,755	3,871	3,988	4,106	4,220
Retail Trade	7,407	7,742	8,058	8,392	8,714	9,042	9,371	9,698	10,023	10,348	10,669	10,988	11,312	11,627
Transporatation and Warehousing	3,211	3,362	3,505	3,656	3,801	3,947	4,096	4,243	4,393	4,539	4,680	4,825	4,970	5,112
Information	3,168	3,316	3,459	3,612	3,750	3,895	4,047	4,188	4,333	4,479	4,618	4,758	4,901	5,041
Finance and Insurance	4,063	4,244	4,419	4,609	4,785	4,963	5,146	5,327	5,509	5,691	5,865	6,043	6,223	6,416
Real Estate and Rental and Leasing	2,229	2,331	2,429	2,533	2,632	2,731	2,832	2,934	3,032	3,132	3,229	3,324	3,422	3,516
Professional, Scientific, and Technical Services	1,722	1,805	1,884	1,967	2,047	2,129	2,213	2,296	2,384	2,460	2,542	2,624	2,707	2,788
Management of Companies and Enterprises	236	248	258	269	280	291	302	312	323	334	345	355	366	376
Administrative and Support and Waste Management	2,214	2,322	2,426	2,535	2,639	2,745	2,852	2,958	3,065	3,170	3,273	3,376	3,480	3,581
Educational Services	123	129	135	141	147	153	159	165	171	177	183	188	195	200
Health Care and Social Assistance	3,965	4,157	4,342	4,534	4,722	4,913	5,105	5,296	5,488	5,677	5,866	6,053	6,242	6,429
Arts, Entertainment, and Recreation	427	447	467	486	506	527	546	566	587	606	626	646	664	684
Accommodation and Food Services	2,184	2,284	2,379	2,481	2,574	2,674	2,772	2,870	2,968	3,066	3,161	3,257	3,354	3,447
Other Services (except Public Administration)	2,288	2,393	2,493	2,599	2,699	2,802	2,908	3,011	3,114	3,218	3,319	3,422	3,526	3,627
Government	1,076	1,145	1,218	1,288	1,359	1,429	1,498	1,570	1,638	1,709	1,778	1,844	1,912	1,975

Appendix G:
Impact of MARTA on Output by Industry

Henry County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	1,007	1,033	1,060	1,084	1,110	1,135	1,158	1,182	1,205	1,226	1,249	1,269	1,289	1,310
Mining	311	320	328	336	344	351	359	366	373	380	387	393	400	406
Utilities	2,668	2,737	2,809	2,855	2,924	2,990	3,052	3,114	3,174	3,224	3,285	3,338	3,388	3,442
Construction	8,207	8,403	8,600	8,780	8,972	9,156	9,334	9,512	9,685	9,851	10,020	10,179	10,339	10,499
Manufacturing	41,206	42,246	43,285	44,273	45,303	46,290	47,271	48,236	49,180	50,110	51,053	51,957	52,870	53,777
Wholesale Trade	4,330	4,440	4,556	4,658	4,768	4,873	4,972	5,075	5,170	5,263	5,361	5,447	5,534	5,624
Retail Trade	11,936	12,250	12,561	12,858	13,163	13,465	13,753	14,046	14,328	14,598	14,883	15,146	15,410	15,678
Transporatation and Warehousing	5,250	5,391	5,530	5,662	5,799	5,932	6,059	6,190	6,310	6,428	6,554	6,667	6,783	6,901
Information	5,176	5,313	5,448	5,573	5,710	5,839	5,959	6,082	6,202	6,313	6,437	6,536	6,645	6,755
Finance and Insurance	6,564	6,738	6,913	7,076	7,243	7,411	7,570	7,731	7,890	8,037	8,193	8,339	8,486	8,631
Real Estate and Rental and Leasing	3,611	3,702	3,796	3,882	3,974	4,061	4,140	4,229	4,307	4,385	4,465	4,537	4,610	4,685
Professional, Scientific, and Technical Services	2,866	2,947	3,026	3,101	3,179	3,256	3,329	3,402	3,475	3,543	3,615	3,681	3,748	3,816
Management of Companies and Enterprises	386	396	407	416	426	436	445	454	463	471	481	488	497	504
Administrative and Support and Waste Management	3,679	3,779	3,879	3,973	4,068	4,161	4,251	4,341	4,427	4,510	4,597	4,675	4,754	4,832
Educational Services	206	212	218	223	229	234	239	245	250	255	260	265	269	274
Health Care and Social Assistance	6,619	6,793	6,979	7,153	7,333	7,508	7,678	7,848	8,013	8,172	8,339	8,494	8,648	8,804
Arts, Entertainment, and Recreation	703	722	742	759	779	796	814	832	849	866	883	900	915	931
Accommodation and Food Services	3,540	3,633	3,727	3,815	3,908	3,997	4,082	4,170	4,255	4,333	4,420	4,499	4,577	4,657
Other Services (except Public Administration)	3,724	3,824	3,926	4,021	4,120	4,215	4,308	4,404	4,495	4,584	4,677	4,761	4,849	4,935
Government	2,039	2,101	2,162	2,220	2,277	2,333	2,384	2,434	2,484	2,530	2,571	2,611	2,649	2,683

Henry County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	1,329	1,346	1,364	1,382	1,398	1,413	1,428	1,442	1,455	1,467	1,479	1,489	1,500
Mining	412	418	424	429	435	440	444	449	453	457	461	465	469
Utilities	3,492	3,538	3,584	3,631	3,673	3,712	3,750	3,784	3,818	3,848	3,878	3,903	3,928
Construction	10,647	10,791	10,928	11,073	11,209	11,336	11,462	11,580	11,697	11,807	11,921	12,018	12,122
Manufacturing	54,652	55,507	56,359	57,229	58,059	58,840	59,639	60,423	61,191	61,923	62,675	63,376	64,115
Wholesale Trade	5,707	5,784	5,863	5,940	6,014	6,081	6,147	6,208	6,269	6,324	6,378	6,428	6,476
Retail Trade	15,932	16,176	16,426	16,669	16,908	17,134	17,360	17,574	17,791	18,000	18,202	18,396	18,592
Transporatation and Warehousing	7,010	7,112	7,216	7,324	7,422	7,514	7,607	7,692	7,779	7,857	7,940	8,013	8,087
Information	6,861	6,955	7,049	7,143	7,234	7,318	7,400	7,475	7,549	7,624	7,691	7,753	7,816
Finance and Insurance	8,772	8,902	9,042	9,182	9,304	9,427	9,551	9,666	9,791	9,897	10,011	10,116	10,218
Real Estate and Rental and Leasing	4,754	4,820	4,885	4,948	5,010	5,065	5,122	5,172	5,222	5,271	5,316	5,359	5,402
Professional, Scientific, and Technical Services	3,878	3,939	4,001	4,062	4,120	4,176	4,230	4,282	4,336	4,384	4,432	4,478	4,523
Management of Companies and Enterprises	512	520	527	535	541	547	554	559	565	570	576	580	585
Administrative and Support and Waste Management	4,906	4,975	5,045	5,114	5,180	5,239	5,300	5,355	5,409	5,459	5,509	5,553	5,597
Educational Services	279	283	288	292	296	300	304	308	312	315	318	322	325
Health Care and Social Assistance	8,953	9,094	9,238	9,382	9,517	9,646	9,777	9,900	10,026	10,142	10,257	10,368	10,476
Arts, Entertainment, and Recreation	947	962	977	992	1,006	1,019	1,033	1,046	1,059	1,071	1,084	1,095	1,106
Accommodation and Food Services	4,733	4,805	4,879	4,953	5,024	5,091	5,158	5,220	5,284	5,345	5,407	5,462	5,522
Other Services (except Public Administration)	5,020	5,100	5,181	5,264	5,344	5,420	5,496	5,567	5,641	5,708	5,780	5,847	5,912
Government	2,717	2,743	2,770	2,793	2,811	2,825	2,837	2,845	2,849	2,853	2,849	2,840	2,833

Appendix G:
Impact of MARTA on Output by Industry

Rockdale County

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	67	75	80	85	90	95	100	105	110	115	119	124	131	137
Mining	85	125	126	124	127	128	129	133	134	135	137	138	145	152
Utilities	143	178	189	197	206	217	228	237	248	258	268	275	290	305
Construction	2,754	3,551	3,677	3,611	3,750	3,849	3,898	4,088	4,209	4,327	4,469	4,593	4,819	5,039
Manufacturing	10,319	11,825	12,287	12,537	13,322	13,936	14,547	15,375	16,085	16,775	17,543	18,237	19,194	20,115
Wholesale Trade	2,115	2,803	3,006	3,196	3,476	3,742	4,002	4,313	4,611	4,897	5,211	5,505	5,802	6,083
Retail Trade	2,422	2,981	3,120	3,197	3,419	3,603	3,789	4,031	4,249	4,462	4,696	4,915	5,170	5,414
Transporatation and Warehousing	340	429	453	545	513	546	580	619	657	693	732	768	810	849
Information	4,413	4,532	5,001	5,430	5,980	6,513	7,053	7,657	8,255	8,844	9,473	10,078	10,634	11,166
Finance and Insurance	702	948	992	1,034	1,111	1,178	1,247	1,328	1,403	1,477	1,556	1,629	1,715	1,796
Real Estate and Rental and Leasing	540	660	725	765	823	878	930	992	1,050	1,106	1,166	1,222	1,288	1,351
Professional, Scientific, and Technical Services	889	1,135	1,192	1,238	1,322	1,402	1,482	1,582	1,674	1,765	1,863	1,956	2,064	2,167
Management of Companies and Enterprises	143	209	225	239	258	276	293	314	333	352	372	391	412	432
Administrative and Support and Waste Management	649	769	837	887	966	1,037	1,110	1,196	1,279	1,360	1,448	1,533	1,619	1,702
Educational Services	38	53	55	56	60	62	65	69	72	75	78	81	85	90
Health Care and Social Assistance	1,698	2,151	2,287	2,352	2,526	2,670	2,822	3,009	3,182	3,354	3,540	3,716	3,919	4,116
Arts, Entertainment, and Recreation	164	178	191	198	213	227	241	257	274	289	307	323	341	357
Accommodation and Food Services	918	1,071	1,125	1,149	1,223	1,281	1,341	1,442	1,484	1,549	1,620	1,685	1,774	1,858
Other Services (except Public Administration)	788	914	960	983	1,047	1,100	1,156	1,226	1,289	1,352	1,419	1,483	1,561	1,636
Government	30	51	75	105	125	145	164	179	197	213	229	245	265	286

Rockdale County *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	144	151	158	165	172	178	185	192	198	205	212	218	225	231
Mining	159	167	174	181	189	196	203	210	218	225	232	239	246	253
Utilities	320	330	346	361	376	386	401	416	430	445	453	467	482	495
Construction	5,261	5,491	5,716	5,946	6,171	6,394	6,618	6,837	7,059	7,280	7,501	7,714	7,932	8,139
Manufacturing	21,054	22,018	22,969	23,937	24,888	25,830	26,786	27,712	28,660	29,582	30,529	31,441	32,368	33,257
Wholesale Trade	6,371	6,666	6,957	7,250	7,539	7,822	8,110	8,390	8,677	8,953	9,237	9,509	9,786	10,051
Retail Trade	5,663	5,920	6,172	6,428	6,683	6,935	7,186	7,435	7,685	7,932	8,186	8,429	8,675	8,914
Transporatation and Warehousing	889	931	972	1,013	1,054	1,094	1,134	1,174	1,215	1,254	1,294	1,333	1,372	1,410
Information	11,702	12,256	12,801	13,360	13,903	14,436	14,984	15,511	16,048	16,575	17,106	17,621	18,140	18,643
Finance and Insurance	1,881	1,967	2,051	2,139	2,224	2,306	2,391	2,474	2,558	2,642	2,725	2,806	2,889	2,979
Real Estate and Rental and Leasing	1,416	1,482	1,546	1,613	1,678	1,741	1,806	1,869	1,933	1,995	2,059	2,120	2,182	2,242
Professional, Scientific, and Technical Services	2,273	2,383	2,491	2,600	2,709	2,816	2,925	3,032	3,143	3,246	3,355	3,461	3,567	3,670
Management of Companies and Enterprises	453	475	495	516	537	558	579	598	619	639	660	679	700	719
Administrative and Support and Waste Management	1,787	1,874	1,960	2,047	2,134	2,219	2,304	2,389	2,474	2,558	2,643	2,726	2,808	2,889
Educational Services	94	99	103	108	112	117	121	126	130	135	139	144	148	153
Health Care and Social Assistance	4,317	4,523	4,728	4,934	5,140	5,344	5,549	5,751	5,956	6,157	6,364	6,562	6,764	6,959
Arts, Entertainment, and Recreation	374	391	409	426	443	461	478	495	512	529	546	563	579	596
Accommodation and Food Services	1,945	2,034	2,121	2,210	2,297	2,384	2,471	2,557	2,644	2,729	2,816	2,900	2,985	3,066
Other Services (except Public Administration)	1,711	1,790	1,867	1,946	2,023	2,100	2,178	2,253	2,330	2,406	2,483	2,558	2,634	2,708
Government	306	327	349	370	391	412	434	455	476	497	518	537	558	577

Appendix G:
Impact of MARTA on Output by Industry

Rockdale County *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	237	243	249	255	261	267	272	278	283	288	293	298	302	307
Mining	260	266	273	279	286	292	298	304	310	316	321	327	332	337
Utilities	509	522	535	541	554	567	579	590	601	612	623	634	642	652
Construction	8,352	8,558	8,755	8,956	9,158	9,351	9,537	9,724	9,901	10,084	10,253	10,425	10,591	10,756
Manufacturing	34,159	35,039	35,882	36,745	37,604	38,426	39,230	40,022	40,787	41,557	42,282	43,028	43,732	44,431
Wholesale Trade	10,319	10,578	10,832	11,084	11,339	11,583	11,811	12,047	12,267	12,494	12,703	12,915	13,114	13,317
Retail Trade	9,156	9,395	9,619	9,853	10,083	10,309	10,524	10,742	10,952	11,162	11,363	11,569	11,763	11,959
Transporatation and Warehousing	1,449	1,486	1,522	1,559	1,595	1,631	1,664	1,698	1,730	1,762	1,794	1,825	1,854	1,885
Information	19,151	19,645	20,110	20,584	21,065	21,521	21,951	22,388	22,802	23,219	23,615	24,002	24,372	24,744
Finance and Insurance	3,048	3,127	3,203	3,280	3,356	3,431	3,502	3,573	3,643	3,712	3,778	3,845	3,908	3,971
Real Estate and Rental and Leasing	2,303	2,362	2,417	2,474	2,532	2,587	2,637	2,691	2,741	2,792	2,838	2,887	2,932	2,978
Professional, Scientific, and Technical Services	3,774	3,877	3,974	4,073	4,173	4,270	4,362	4,454	4,544	4,633	4,719	4,804	4,886	4,969
Management of Companies and Enterprises	739	757	775	793	813	830	846	863	880	896	912	926	941	955
Administrative and Support and Waste Management	2,970	3,049	3,125	3,202	3,278	3,352	3,423	3,494	3,562	3,630	3,694	3,759	3,820	3,881
Educational Services	157	161	165	170	174	178	182	186	190	193	197	201	204	208
Health Care and Social Assistance	7,171	7,351	7,539	7,728	7,918	8,101	8,278	8,457	8,628	8,800	8,965	9,132	9,291	9,451
Arts, Entertainment, and Recreation	612	628	644	660	676	691	705	721	735	749	763	777	790	803
Accommodation and Food Services	3,150	3,232	3,310	3,389	3,470	3,547	3,620	3,695	3,767	3,839	3,908	3,978	4,045	4,112
Other Services (except Public Administration)	2,782	2,854	2,924	2,996	3,067	3,136	3,201	3,269	3,333	3,398	3,460	3,523	3,583	3,643
Government	596	615	633	650	667	683	699	714	728	742	753	765	775	785

Rockdale County *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	311	315	319	323	327	330	333	336	339	342	344	347	349
Mining	342	347	351	356	360	364	368	372	375	378	382	385	387
Utilities	662	670	679	688	696	703	711	717	724	729	735	740	744
Construction	10,910	11,058	11,200	11,349	11,488	11,617	11,745	11,863	11,981	12,089	12,203	12,298	12,400
Manufacturing	45,103	45,736	46,363	47,002	47,587	48,134	48,684	49,195	49,700	50,166	50,630	51,051	51,483
Wholesale Trade	13,507	13,679	13,856	14,028	14,192	14,340	14,488	14,619	14,751	14,871	14,988	15,091	15,192
Retail Trade	12,145	12,321	12,501	12,679	12,850	13,010	13,170	13,320	13,472	13,615	13,755	13,888	14,018
Transporatation and Warehousing	1,912	1,938	1,964	1,991	2,016	2,039	2,061	2,082	2,103	2,121	2,140	2,157	2,174
Information	25,093	25,410	25,726	26,043	26,339	26,604	26,867	27,099	27,333	27,543	27,745	27,919	28,093
Finance and Insurance	4,032	4,087	4,145	4,204	4,256	4,306	4,357	4,403	4,452	4,493	4,537	4,577	4,615
Real Estate and Rental and Leasing	3,020	3,060	3,099	3,138	3,175	3,208	3,242	3,272	3,302	3,330	3,357	3,380	3,404
Professional, Scientific, and Technical Services	5,046	5,118	5,192	5,266	5,335	5,399	5,463	5,522	5,582	5,636	5,690	5,740	5,789
Management of Companies and Enterprises	969	982	995	1,008	1,019	1,029	1,040	1,050	1,060	1,068	1,077	1,083	1,091
Administrative and Support and Waste Management	3,939	3,992	4,045	4,100	4,149	4,195	4,240	4,281	4,322	4,359	4,396	4,428	4,460
Educational Services	211	214	217	220	223	226	229	232	234	237	239	241	244
Health Care and Social Assistance	9,603	9,746	9,892	10,037	10,174	10,303	10,433	10,553	10,677	10,789	10,902	11,007	11,110
Arts, Entertainment, and Recreation	815	828	839	852	863	874	885	895	905	914	924	933	941
Accommodation and Food Services	4,175	4,235	4,296	4,357	4,414	4,468	4,522	4,572	4,623	4,671	4,719	4,761	4,807
Other Services (except Public Administration)	3,700	3,755	3,810	3,866	3,919	3,969	4,018	4,064	4,111	4,154	4,199	4,239	4,280
Government	794	801	808	814	818	821	823	824	824	823	821	816	812

Appendix G:
Impact of MARTA on Output by Industry

Atlanta East

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	839	915	980	1,034	1,104	1,167	1,232	1,300	1,364	1,427	1,488	1,548	1,640	1,727
Mining	144	170	170	168	173	176	177	183	186	189	192	194	205	215
Utilities	753	687	732	764	809	857	903	948	998	1,048	1,095	1,134	1,200	1,264
Construction	2,964	4,029	3,903	3,771	3,809	3,933	3,836	4,087	4,174	4,284	4,402	4,532	4,754	4,973
Manufacturing	13,186	15,600	16,150	16,376	17,383	18,202	18,958	20,136	21,080	22,054	23,074	24,074	25,348	26,585
Wholesale Trade	1,164	1,281	1,387	1,472	1,602	1,728	1,850	2,003	2,146	2,290	2,438	2,589	2,735	2,874
Retail Trade	2,761	3,457	3,617	3,675	3,925	4,140	4,335	4,634	4,884	5,145	5,413	5,685	5,990	6,285
Transporatation and Warehousing	766	1,020	1,070	1,339	1,181	1,249	1,317	1,406	1,486	1,568	1,649	1,732	1,829	1,920
Information	290	392	431	462	506	549	593	643	691	741	791	843	892	938
Finance and Insurance	1,084	1,312	1,393	1,439	1,546	1,637	1,734	1,852	1,957	2,067	2,178	2,289	2,415	2,533
Real Estate and Rental and Leasing	515	611	647	674	722	768	810	865	914	964	1,014	1,066	1,126	1,184
Professional, Scientific, and Technical Services	486	623	666	687	736	784	826	890	945	1,002	1,061	1,122	1,186	1,248
Management of Companies and Enterprises	235	280	300	317	341	364	388	415	441	467	493	519	548	576
Administrative and Support and Waste Management	814	1,112	1,178	1,218	1,311	1,392	1,478	1,588	1,687	1,789	1,896	2,004	2,121	2,234
Educational Services	222	300	313	315	335	350	364	384	401	419	436	454	480	504
Health Care and Social Assistance	1,615	2,016	2,129	2,164	2,319	2,442	2,574	2,743	2,895	3,053	3,214	3,378	3,567	3,752
Arts, Entertainment, and Recreation	101	115	121	124	134	142	150	161	171	181	192	202	213	224
Accommodation and Food Services	743	866	907	914	974	1,018	1,065	1,156	1,181	1,236	1,291	1,348	1,421	1,493
Other Services (except Public Administration)	956	1,130	1,189	1,204	1,285	1,347	1,414	1,500	1,577	1,658	1,736	1,819	1,919	2,015
Government	12	38	88	153	191	232	270	299	333	365	397	428	466	504

Atlanta East *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,820	1,912	2,003	2,092	2,187	2,277	2,368	2,460	2,551	2,640	2,729	2,820	2,904	2,992
Mining	227	238	249	259	271	281	292	304	315	325	336	347	357	368
Utilities	1,330	1,384	1,449	1,514	1,581	1,633	1,698	1,765	1,828	1,892	1,940	2,005	2,066	2,129
Construction	5,201	5,431	5,656	5,878	6,111	6,335	6,560	6,789	7,012	7,236	7,458	7,682	7,892	8,112
Manufacturing	27,883	29,179	30,462	31,731	33,056	34,332	35,632	36,936	38,224	39,484	40,775	42,068	43,294	44,558
Wholesale Trade	3,022	3,169	3,314	3,454	3,604	3,746	3,890	4,037	4,181	4,320	4,462	4,605	4,739	4,879
Retail Trade	6,594	6,905	7,209	7,510	7,831	8,137	8,443	8,760	9,064	9,368	9,678	9,988	10,279	10,584
Transporatation and Warehousing	2,019	2,119	2,216	2,310	2,411	2,507	2,604	2,703	2,801	2,896	2,991	3,092	3,182	3,277
Information	987	1,036	1,084	1,132	1,182	1,230	1,279	1,328	1,376	1,423	1,471	1,519	1,564	1,611
Finance and Insurance	2,662	2,788	2,912	3,036	3,166	3,289	3,414	3,543	3,667	3,792	3,915	4,042	4,161	4,300
Real Estate and Rental and Leasing	1,247	1,307	1,367	1,427	1,490	1,549	1,609	1,672	1,730	1,789	1,850	1,908	1,965	2,024
Professional, Scientific, and Technical Services	1,314	1,381	1,446	1,510	1,579	1,644	1,710	1,778	1,846	1,909	1,975	2,042	2,105	2,171
Management of Companies and Enterprises	605	635	663	691	721	749	778	806	835	863	892	920	946	973
Administrative and Support and Waste Management	2,353	2,473	2,591	2,708	2,831	2,950	3,069	3,192	3,312	3,429	3,549	3,670	3,783	3,901
Educational Services	530	556	581	607	633	659	685	711	736	762	788	813	838	863
Health Care and Social Assistance	3,945	4,138	4,330	4,518	4,718	4,910	5,103	5,301	5,494	5,684	5,879	6,073	6,257	6,449
Arts, Entertainment, and Recreation	235	246	258	268	280	291	302	313	324	335	346	358	367	379
Accommodation and Food Services	1,567	1,642	1,716	1,789	1,866	1,939	2,014	2,090	2,164	2,237	2,312	2,387	2,457	2,530
Other Services (except Public Administration)	2,116	2,218	2,318	2,417	2,521	2,622	2,724	2,827	2,928	3,027	3,129	3,231	3,327	3,428
Government	542	581	621	661	700	739	779	818	856	895	934	970	1,007	1,043

Appendix G:
Impact of MARTA on Output by Industry

Atlanta East *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	3,074	3,161	3,240	3,320	3,401	3,478	3,552	3,626	3,700	3,770	3,837	3,903	3,965	4,024
Mining	378	389	399	408	418	428	437	446	455	464	472	481	489	496
Utilities	2,186	2,247	2,304	2,343	2,401	2,456	2,509	2,560	2,613	2,661	2,708	2,757	2,797	2,839
Construction	8,317	8,535	8,735	8,937	9,141	9,336	9,525	9,716	9,905	10,090	10,263	10,436	10,605	10,760
Manufacturing	45,749	47,012	48,174	49,362	50,549	51,686	52,804	53,904	55,024	56,101	57,118	58,167	59,161	60,096
Wholesale Trade	5,007	5,145	5,273	5,400	5,528	5,651	5,767	5,886	6,004	6,119	6,224	6,331	6,431	6,527
Retail Trade	10,869	11,175	11,451	11,739	12,022	12,301	12,565	12,835	13,107	13,365	13,614	13,866	14,107	14,334
Transporatation and Warehousing	3,367	3,463	3,550	3,639	3,729	3,815	3,898	3,981	4,065	4,144	4,223	4,300	4,371	4,443
Information	1,655	1,702	1,744	1,787	1,831	1,872	1,911	1,951	1,991	2,029	2,066	2,101	2,135	2,167
Finance and Insurance	4,398	4,522	4,635	4,751	4,865	4,978	5,084	5,192	5,303	5,407	5,506	5,608	5,704	5,793
Real Estate and Rental and Leasing	2,079	2,137	2,189	2,244	2,299	2,351	2,397	2,449	2,500	2,548	2,591	2,638	2,680	2,721
Professional, Scientific, and Technical Services	2,232	2,297	2,357	2,417	2,478	2,537	2,593	2,650	2,707	2,762	2,814	2,866	2,915	2,963
Management of Companies and Enterprises	1,000	1,027	1,051	1,076	1,104	1,127	1,150	1,173	1,197	1,219	1,241	1,261	1,282	1,300
Administrative and Support and Waste Management	4,012	4,131	4,239	4,349	4,459	4,566	4,668	4,772	4,876	4,975	5,070	5,166	5,256	5,342
Educational Services	887	913	936	959	983	1,006	1,028	1,050	1,073	1,094	1,114	1,135	1,154	1,173
Health Care and Social Assistance	6,650	6,820	6,998	7,178	7,357	7,531	7,699	7,868	8,038	8,202	8,358	8,517	8,669	8,812
Arts, Entertainment, and Recreation	389	400	410	420	430	440	449	459	469	478	487	496	504	512
Accommodation and Food Services	2,599	2,673	2,741	2,809	2,879	2,946	3,009	3,075	3,141	3,203	3,263	3,324	3,382	3,437
Other Services (except Public Administration)	3,522	3,622	3,714	3,809	3,902	3,993	4,080	4,170	4,258	4,345	4,427	4,510	4,589	4,664
Government	1,078	1,111	1,145	1,175	1,206	1,236	1,264	1,290	1,316	1,339	1,359	1,379	1,397	1,413

Atlanta East *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	4,086	4,140	4,194	4,247	4,297	4,341	4,385	4,425	4,464	4,498	4,532	4,561	4,589
Mining	504	511	518	525	531	537	543	548	553	558	563	567	571
Utilities	2,885	2,923	2,962	3,001	3,037	3,069	3,101	3,130	3,158	3,183	3,208	3,229	3,250
Construction	10,928	11,078	11,220	11,372	11,512	11,643	11,773	11,892	12,011	12,121	12,237	12,333	12,436
Manufacturing	61,106	62,015	62,913	63,835	64,685	65,485	66,293	67,057	67,809	68,516	69,221	69,874	70,549
Wholesale Trade	6,629	6,716	6,805	6,892	6,974	7,049	7,123	7,189	7,255	7,315	7,374	7,425	7,475
Retail Trade	14,576	14,794	15,016	15,234	15,444	15,642	15,839	16,024	16,209	16,385	16,556	16,720	16,880
Transporatation and Warehousing	4,517	4,582	4,647	4,716	4,779	4,837	4,895	4,947	5,002	5,049	5,102	5,146	5,192
Information	2,201	2,231	2,260	2,289	2,317	2,342	2,367	2,389	2,411	2,431	2,451	2,468	2,485
Finance and Insurance	5,892	5,975	6,064	6,153	6,234	6,309	6,388	6,458	6,533	6,598	6,666	6,728	6,787
Real Estate and Rental and Leasing	2,765	2,802	2,838	2,876	2,912	2,942	2,976	3,004	3,031	3,060	3,085	3,106	3,131
Professional, Scientific, and Technical Services	3,012	3,056	3,100	3,145	3,186	3,225	3,263	3,298	3,334	3,365	3,397	3,426	3,455
Management of Companies and Enterprises	1,320	1,339	1,356	1,375	1,390	1,404	1,420	1,433	1,447	1,458	1,471	1,480	1,491
Administrative and Support and Waste Management	5,434	5,514	5,596	5,679	5,756	5,828	5,900	5,966	6,031	6,092	6,154	6,209	6,264
Educational Services	1,193	1,211	1,229	1,247	1,264	1,280	1,296	1,311	1,326	1,340	1,354	1,366	1,379
Health Care and Social Assistance	8,965	9,101	9,240	9,379	9,509	9,632	9,756	9,872	9,990	10,099	10,207	10,308	10,408
Arts, Entertainment, and Recreation	521	529	537	545	552	559	566	573	580	586	592	598	604
Accommodation and Food Services	3,496	3,549	3,603	3,656	3,706	3,754	3,802	3,846	3,891	3,934	3,977	4,015	4,056
Other Services (except Public Administration)	4,744	4,816	4,888	4,962	5,032	5,097	5,162	5,223	5,284	5,340	5,398	5,452	5,505
Government	1,429	1,440	1,450	1,459	1,464	1,467	1,469	1,468	1,465	1,460	1,451	1,440	1,428

Appendix G:
Impact of MARTA on Output by Industry

Atlanta North

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	506	588	624	650	689	724	759	799	833	869	904	939	992	1,045
Mining	114	152	148	139	141	139	138	141	141	141	142	142	149	157
Utilities	886	781	820	840	861	903	945	972	1,016	1,063	1,107	1,124	1,184	1,248
Construction	3,955	5,345	5,201	4,980	5,057	5,158	5,103	5,379	5,494	5,633	5,797	5,960	6,232	6,517
Manufacturing	18,003	21,837	25,798	28,790	33,601	38,104	41,955	48,040	53,035	58,391	64,145	69,926	73,108	76,419
Wholesale Trade	2,901	3,563	3,817	4,001	4,355	4,701	5,006	5,479	5,865	6,279	6,719	7,156	7,515	7,874
Retail Trade	3,073	3,859	4,027	4,021	4,219	4,381	4,564	4,845	5,067	5,310	5,568	5,828	6,111	6,408
Transporatation and Warehousing	821	1,031	1,064	1,337	1,125	1,170	1,221	1,296	1,355	1,422	1,487	1,554	1,629	1,706
Information	841	798	888	957	1,068	1,181	1,281	1,432	1,561	1,702	1,849	2,000	2,103	2,211
Finance and Insurance	1,418	1,860	1,943	1,987	2,112	2,224	2,342	2,502	2,631	2,774	2,924	3,069	3,224	3,381
Real Estate and Rental and Leasing	826	1,037	1,119	1,148	1,218	1,284	1,347	1,433	1,504	1,581	1,659	1,738	1,829	1,921
Professional, Scientific, and Technical Services	1,345	1,865	1,982	2,045	2,212	2,369	2,518	2,749	2,941	3,152	3,378	3,604	3,796	3,994
Management of Companies and Enterprises	441	401	433	456	489	526	558	606	647	690	733	778	817	859
Administrative and Support and Waste Management	943	1,220	1,264	1,278	1,371	1,446	1,528	1,652	1,752	1,862	1,981	2,103	2,220	2,343
Educational Services	36	51	53	52	54	56	57	61	63	65	68	71	74	78
Health Care and Social Assistance	1,428	1,795	1,877	1,888	1,992	2,080	2,183	2,325	2,444	2,575	2,713	2,851	3,001	3,156
Arts, Entertainment, and Recreation	354	427	450	447	470	490	512	546	575	605	639	674	710	744
Accommodation and Food Services	960	1,130	1,162	1,150	1,195	1,231	1,272	1,376	1,391	1,448	1,506	1,565	1,642	1,722
Other Services (except Public Administration)	1,078	1,287	1,322	1,306	1,362	1,407	1,457	1,540	1,603	1,673	1,746	1,822	1,913	2,007
Government	70	124	182	254	304	354	398	435	478	517	555	593	642	690

Atlanta North *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,099	1,152	1,206	1,260	1,315	1,369	1,423	1,476	1,530	1,585	1,636	1,689	1,741	1,791
Mining	164	171	178	186	193	200	208	215	222	229	236	244	251	257
Utilities	1,308	1,332	1,394	1,457	1,516	1,538	1,599	1,658	1,715	1,777	1,786	1,843	1,902	1,952
Construction	6,792	7,071	7,355	7,644	7,929	8,212	8,497	8,775	9,064	9,358	9,629	9,902	10,184	10,431
Manufacturing	79,673	82,927	86,242	89,617	92,936	96,236	99,602	102,869	106,199	109,561	112,814	116,039	119,349	122,192
Wholesale Trade	8,226	8,581	8,944	9,312	9,667	10,030	10,385	10,744	11,105	11,471	11,815	12,165	12,519	12,826
Retail Trade	6,702	6,992	7,290	7,592	7,896	8,198	8,498	8,799	9,098	9,412	9,710	10,010	10,310	10,574
Transporatation and Warehousing	1,783	1,859	1,938	2,016	2,095	2,171	2,249	2,326	2,405	2,487	2,558	2,638	2,714	2,779
Information	2,315	2,420	2,527	2,637	2,746	2,852	2,963	3,069	3,178	3,291	3,394	3,499	3,606	3,694
Finance and Insurance	3,542	3,695	3,853	4,020	4,180	4,339	4,498	4,659	4,818	4,986	5,138	5,296	5,456	5,764
Real Estate and Rental and Leasing	2,016	2,104	2,201	2,296	2,390	2,479	2,576	2,667	2,756	2,856	2,944	3,027	3,123	3,197
Professional, Scientific, and Technical Services	4,195	4,392	4,594	4,799	5,005	5,205	5,414	5,616	5,828	6,030	6,230	6,434	6,639	6,795
Management of Companies and Enterprises	895	936	976	1,019	1,059	1,101	1,143	1,182	1,224	1,264	1,307	1,346	1,386	1,420
Administrative and Support and Waste Management	2,463	2,584	2,706	2,833	2,959	3,082	3,208	3,334	3,460	3,587	3,710	3,833	3,958	4,051
Educational Services	82	86	90	94	98	102	107	111	115	119	123	127	131	135
Health Care and Social Assistance	3,312	3,465	3,624	3,784	3,946	4,104	4,266	4,425	4,588	4,751	4,912	5,069	5,231	5,372
Arts, Entertainment, and Recreation	783	819	857	892	931	972	1,008	1,049	1,087	1,126	1,166	1,204	1,242	1,275
Accommodation and Food Services	1,800	1,878	1,959	2,041	2,120	2,201	2,283	2,363	2,446	2,528	2,608	2,689	2,769	2,836
Other Services (except Public Administration)	2,099	2,192	2,289	2,385	2,480	2,578	2,676	2,769	2,867	2,969	3,062	3,159	3,259	3,343
Government	740	790	841	892	942	992	1,044	1,095	1,143	1,193	1,243	1,289	1,339	1,388

Appendix G:
Impact of MARTA on Output by Industry

Atlanta North *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	1,841	1,892	1,940	1,988	2,037	2,083	2,128	2,173	2,216	2,258	2,299	2,339	2,378	2,417
Mining	264	271	278	285	291	298	304	310	316	322	328	334	340	345
Utilities	2,002	2,054	2,106	2,106	2,159	2,210	2,258	2,278	2,325	2,366	2,410	2,455	2,482	2,525
Construction	10,703	11,002	11,263	11,523	11,794	12,047	12,301	12,550	12,799	13,044	13,278	13,519	13,755	13,979
Manufacturing	125,515	128,906	131,950	135,068	138,172	141,157	144,136	147,078	149,949	152,833	155,567	158,425	161,132	163,846
Wholesale Trade	13,167	13,537	13,878	14,211	14,537	14,863	15,172	15,494	15,787	16,097	16,390	16,686	16,971	17,267
Retail Trade	10,857	11,205	11,488	11,785	12,070	12,359	12,636	12,926	13,204	13,476	13,742	14,021	14,281	14,552
Transporatation and Warehousing	2,859	2,941	3,013	3,087	3,162	3,235	3,306	3,378	3,444	3,513	3,582	3,652	3,715	3,786
Information	3,807	3,922	4,020	4,121	4,225	4,322	4,415	4,510	4,600	4,693	4,782	4,868	4,952	5,038
Finance and Insurance	5,742	5,918	6,068	6,219	6,369	6,519	6,661	6,803	6,947	7,087	7,221	7,356	7,489	7,619
Real Estate and Rental and Leasing	3,289	3,386	3,469	3,551	3,641	3,724	3,794	3,879	3,951	4,031	4,102	4,179	4,249	4,317
Professional, Scientific, and Technical Services	7,008	7,238	7,424	7,619	7,811	8,003	8,181	8,367	8,545	8,724	8,895	9,064	9,231	9,401
Management of Companies and Enterprises	1,464	1,504	1,536	1,572	1,615	1,648	1,684	1,719	1,755	1,788	1,822	1,855	1,888	1,917
Administrative and Support and Waste Management	4,167	4,324	4,440	4,558	4,674	4,791	4,901	5,015	5,126	5,236	5,338	5,446	5,546	5,648
Educational Services	139	143	148	151	156	160	164	167	171	175	179	182	186	190
Health Care and Social Assistance	5,769	5,705	5,858	6,014	6,170	6,320	6,467	6,618	6,763	6,909	7,051	7,193	7,332	7,472
Arts, Entertainment, and Recreation	1,314	1,360	1,397	1,436	1,476	1,511	1,548	1,589	1,624	1,660	1,697	1,735	1,767	1,803
Accommodation and Food Services	2,913	3,009	3,086	3,165	3,244	3,321	3,395	3,474	3,549	3,622	3,696	3,770	3,843	3,914
Other Services (except Public Administration)	3,430	3,543	3,636	3,732	3,829	3,922	4,010	4,104	4,195	4,284	4,371	4,462	4,546	4,635
Government	1,434	1,472	1,516	1,556	1,596	1,635	1,671	1,706	1,740	1,771	1,799	1,826	1,849	1,871

Atlanta North *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	2,453	2,486	2,520	2,553	2,585	2,613	2,642	2,667	2,693	2,716	2,739	2,759	2,779
Mining	351	356	361	366	371	375	380	384	389	393	397	400	404
Utilities	2,565	2,603	2,641	2,679	2,714	2,747	2,780	2,810	2,840	2,868	2,896	2,920	2,946
Construction	14,202	14,419	14,626	14,846	15,055	15,252	15,451	15,639	15,826	16,003	16,192	16,356	16,538
Manufacturing	166,490	169,049	171,578	174,183	176,623	178,952	181,323	183,624	185,887	188,068	190,254	192,340	194,526
Wholesale Trade	17,537	17,787	18,053	18,314	18,569	18,806	19,045	19,268	19,494	19,707	19,930	20,134	20,334
Retail Trade	14,807	15,058	15,316	15,570	15,814	16,054	16,296	16,535	16,770	17,000	17,225	17,455	17,675
Transporatation and Warehousing	3,849	3,910	3,972	4,037	4,100	4,159	4,218	4,272	4,332	4,383	4,443	4,495	4,551
Information	5,119	5,195	5,270	5,345	5,419	5,486	5,553	5,615	5,678	5,738	5,796	5,850	5,905
Finance and Insurance	7,749	7,867	7,993	8,119	8,235	8,345	8,461	8,567	8,680	8,781	8,885	8,984	9,080
Real Estate and Rental and Leasing	4,384	4,448	4,509	4,575	4,637	4,690	4,749	4,800	4,850	4,902	4,949	4,992	5,039
Professional, Scientific, and Technical Services	9,558	9,709	9,858	10,013	10,158	10,296	10,435	10,563	10,698	10,818	10,944	11,063	11,179
Management of Companies and Enterprises	1,948	1,978	2,007	2,038	2,065	2,089	2,116	2,140	2,164	2,185	2,207	2,225	2,247
Administrative and Support and Waste Management	5,748	5,841	5,934	6,029	6,121	6,206	6,293	6,373	6,455	6,535	6,614	6,685	6,760
Educational Services	193	197	201	204	207	211	214	217	220	224	227	230	233
Health Care and Social Assistance	7,605	7,735	7,868	8,000	8,126	8,249	8,373	8,491	8,612	8,726	8,841	8,952	9,066
Arts, Entertainment, and Recreation	1,838	1,874	1,907	1,943	1,977	2,010	2,044	2,075	2,107	2,138	2,171	2,200	2,231
Accommodation and Food Services	3,986	4,054	4,124	4,193	4,261	4,327	4,394	4,457	4,525	4,588	4,652	4,711	4,776
Other Services (except Public Administration)	4,721	4,800	4,884	4,970	5,054	5,133	5,214	5,290	5,369	5,442	5,524	5,597	5,671
Government	1,894	1,910	1,926	1,939	1,948	1,954	1,959	1,961	1,960	1,955	1,949	1,937	1,926

Appendix G:
Impact of MARTA on Output by Industry

Atlanta South

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	744	815	877	933	1,000	1,060	1,122	1,185	1,248	1,307	1,366	1,423	1,507	1,590
Mining	52	46	47	47	50	52	53	55	56	58	59	60	64	67
Utilities	684	716	775	815	879	936	994	1,045	1,103	1,158	1,210	1,258	1,333	1,411
Construction	1,293	1,625	1,690	1,677	1,832	1,913	1,995	2,100	2,197	2,287	2,386	2,477	2,616	2,755
Manufacturing	8,939	10,825	11,368	11,517	12,492	13,087	13,733	14,450	15,116	15,751	16,411	17,025	17,991	18,952
Wholesale Trade	1,640	1,214	1,369	1,443	1,640	1,785	1,939	2,102	2,269	2,433	2,606	2,776	2,943	3,108
Retail Trade	1,948	2,286	2,487	2,522	2,832	3,023	3,226	3,450	3,675	3,895	4,123	4,347	4,594	4,837
Transporatation and Warehousing	332	424	455	650	517	551	586	626	665	703	742	780	826	871
Information	329	462	525	576	655	726	800	881	964	1,047	1,135	1,224	1,303	1,382
Finance and Insurance	1,147	1,355	1,473	1,536	1,712	1,840	1,976	2,123	2,268	2,412	2,562	2,708	2,869	3,027
Real Estate and Rental and Leasing	454	518	578	602	676	728	781	837	892	947	1,004	1,060	1,125	1,189
Professional, Scientific, and Technical Services	244	319	345	354	396	423	452	485	517	548	581	613	651	688
Management of Companies and Enterprises	230	193	213	223	252	272	294	316	340	362	386	408	433	458
Administrative and Support and Waste Management	603	693	767	794	914	993	1,077	1,167	1,260	1,351	1,447	1,543	1,639	1,735
Educational Services	61	69	68	66	73	76	79	83	86	90	93	97	102	107
Health Care and Social Assistance	1,349	1,622	1,753	1,775	1,993	2,126	2,272	2,431	2,595	2,753	2,917	3,083	3,268	3,450
Arts, Entertainment, and Recreation	73	86	94	96	109	117	127	136	146	156	167	177	188	198
Accommodation and Food Services	524	619	664	662	746	790	840	1,048	943	993	1,045	1,094	1,157	1,218
Other Services (except Public Administration)	862	1,048	1,124	1,105	1,257	1,331	1,413	1,496	1,589	1,675	1,762	1,848	1,955	2,062
Government	5	40	72	130	139	167	190	213	234	255	276	298	324	349

Atlanta South *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,675	1,760	1,843	1,927	2,014	2,096	2,182	2,263	2,349	2,429	2,511	2,593	2,673	2,750
Mining	71	75	78	82	86	89	93	97	101	104	108	112	115	119
Utilities	1,485	1,557	1,634	1,713	1,788	1,858	1,939	2,015	2,088	2,165	2,230	2,307	2,383	2,456
Construction	2,898	3,039	3,181	3,323	3,468	3,607	3,751	3,887	4,032	4,169	4,308	4,445	4,582	4,711
Manufacturing	19,937	20,911	21,876	22,861	23,862	24,817	25,825	26,775	27,775	28,721	29,683	30,651	31,596	32,510
Wholesale Trade	3,276	3,443	3,607	3,777	3,947	4,109	4,279	4,439	4,611	4,769	4,931	5,095	5,253	5,404
Retail Trade	5,090	5,336	5,578	5,827	6,083	6,324	6,577	6,817	7,065	7,304	7,548	7,788	8,025	8,252
Transporatation and Warehousing	917	963	1,008	1,053	1,101	1,145	1,191	1,235	1,282	1,326	1,370	1,415	1,458	1,500
Information	1,463	1,544	1,624	1,707	1,791	1,872	1,958	2,038	2,123	2,205	2,287	2,370	2,451	2,530
Finance and Insurance	3,192	3,354	3,513	3,678	3,845	4,004	4,171	4,330	4,496	4,656	4,815	4,977	5,134	5,297
Real Estate and Rental and Leasing	1,256	1,321	1,385	1,451	1,518	1,581	1,649	1,712	1,778	1,842	1,907	1,970	2,033	2,094
Professional, Scientific, and Technical Services	727	765	803	841	881	919	959	997	1,041	1,074	1,112	1,151	1,188	1,225
Management of Companies and Enterprises	484	509	534	560	585	611	636	661	688	711	737	763	788	810
Administrative and Support and Waste Management	1,833	1,931	2,027	2,125	2,227	2,322	2,423	2,519	2,618	2,715	2,811	2,908	3,003	3,095
Educational Services	112	117	121	126	131	136	141	145	150	154	159	163	168	172
Health Care and Social Assistance	3,639	3,827	4,014	4,201	4,395	4,582	4,776	4,962	5,152	5,339	5,528	5,717	5,897	6,079
Arts, Entertainment, and Recreation	209	219	229	240	251	261	272	282	293	303	313	324	334	343
Accommodation and Food Services	1,282	1,344	1,405	1,468	1,531	1,591	1,655	1,715	1,777	1,836	1,897	1,958	2,016	2,073
Other Services (except Public Administration)	2,169	2,276	2,383	2,492	2,601	2,707	2,818	2,924	3,032	3,138	3,244	3,352	3,456	3,557
Government	375	401	429	456	482	508	535	562	588	614	640	665	690	715

Appendix G:
Impact of MARTA on Output by Industry

Atlanta South *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	2,827	2,906	2,978	3,054	3,123	3,193	3,263	3,329	3,393	3,456	3,519	3,579	3,635	3,691
Mining	122	126	129	132	136	139	142	145	148	151	154	156	159	162
Utilities	2,521	2,594	2,663	2,725	2,790	2,857	2,923	2,985	3,045	3,095	3,155	3,212	3,262	3,315
Construction	4,845	4,977	5,100	5,227	5,346	5,467	5,584	5,700	5,810	5,922	6,027	6,133	6,232	6,330
Manufacturing	33,436	34,369	35,230	36,145	36,982	37,820	38,679	39,489	40,270	41,063	41,846	42,605	43,323	44,042
Wholesale Trade	5,560	5,713	5,859	6,009	6,146	6,286	6,423	6,556	6,679	6,807	6,935	7,054	7,161	7,275
Retail Trade	8,484	8,718	8,932	9,160	9,370	9,579	9,792	9,993	10,187	10,383	10,578	10,765	10,938	11,115
Transporatation and Warehousing	1,543	1,586	1,625	1,667	1,705	1,743	1,782	1,819	1,854	1,889	1,926	1,959	1,991	2,023
Information	2,609	2,690	2,764	2,843	2,915	2,987	3,059	3,128	3,194	3,260	3,327	3,389	3,447	3,505
Finance and Insurance	5,439	5,596	5,740	5,892	6,030	6,170	6,311	6,445	6,575	6,704	6,833	6,955	7,071	7,186
Real Estate and Rental and Leasing	2,155	2,218	2,273	2,334	2,389	2,444	2,498	2,552	2,603	2,653	2,703	2,751	2,794	2,840
Professional, Scientific, and Technical Services	1,262	1,300	1,334	1,370	1,403	1,437	1,471	1,503	1,534	1,565	1,596	1,625	1,653	1,681
Management of Companies and Enterprises	835	860	882	904	926	948	969	991	1,008	1,028	1,049	1,067	1,085	1,103
Administrative and Support and Waste Management	3,188	3,281	3,367	3,458	3,540	3,624	3,708	3,788	3,864	3,940	4,016	4,089	4,157	4,225
Educational Services	176	181	185	189	192	196	200	204	207	211	215	218	221	225
Health Care and Social Assistance	6,266	6,441	6,610	6,789	6,952	7,118	7,284	7,442	7,595	7,749	7,903	8,049	8,191	8,329
Arts, Entertainment, and Recreation	353	363	373	382	391	401	410	419	427	435	443	452	459	467
Accommodation and Food Services	2,130	2,188	2,241	2,298	2,350	2,402	2,454	2,505	2,553	2,600	2,649	2,695	2,738	2,783
Other Services (except Public Administration)	3,659	3,761	3,857	3,960	4,052	4,143	4,237	4,328	4,416	4,503	4,589	4,672	4,752	4,830
Government	737	760	783	803	825	845	863	880	898	914	927	940	952	963

Atlanta South *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	3,743	3,790	3,838	3,885	3,929	3,968	4,006	4,040	4,074	4,103	4,132	4,155	4,179
Mining	164	166	168	171	173	175	176	178	180	181	183	184	185
Utilities	3,364	3,409	3,454	3,498	3,539	3,575	3,610	3,642	3,672	3,699	3,724	3,745	3,766
Construction	6,422	6,509	6,588	6,674	6,753	6,825	6,897	6,961	7,024	7,081	7,143	7,190	7,240
Manufacturing	44,723	45,370	46,011	46,661	47,266	47,824	48,389	48,916	49,436	49,914	50,395	50,828	51,274
Wholesale Trade	7,380	7,475	7,572	7,666	7,754	7,833	7,911	7,979	8,047	8,107	8,165	8,214	8,262
Retail Trade	11,284	11,437	11,596	11,749	11,896	12,031	12,166	12,290	12,413	12,529	12,639	12,737	12,844
Transporatation and Warehousing	2,053	2,080	2,108	2,137	2,162	2,186	2,210	2,230	2,252	2,271	2,290	2,307	2,324
Information	3,560	3,609	3,658	3,707	3,752	3,792	3,832	3,866	3,900	3,930	3,958	3,982	4,005
Finance and Insurance	7,295	7,394	7,496	7,597	7,690	7,774	7,859	7,935	8,012	8,079	8,146	8,205	8,261
Real Estate and Rental and Leasing	2,881	2,919	2,957	2,995	3,031	3,061	3,093	3,120	3,147	3,171	3,194	3,212	3,233
Professional, Scientific, and Technical Services	1,707	1,731	1,755	1,779	1,801	1,822	1,842	1,860	1,878	1,894	1,910	1,924	1,937
Management of Companies and Enterprises	1,119	1,134	1,149	1,165	1,178	1,190	1,203	1,214	1,224	1,233	1,243	1,250	1,258
Administrative and Support and Waste Management	4,288	4,346	4,404	4,462	4,515	4,564	4,611	4,654	4,696	4,734	4,770	4,800	4,832
Educational Services	228	231	234	237	240	243	246	249	252	254	257	259	262
Health Care and Social Assistance	8,464	8,586	8,711	8,835	8,949	9,056	9,164	9,263	9,365	9,454	9,542	9,624	9,702
Arts, Entertainment, and Recreation	474	481	487	494	500	506	512	517	523	528	533	537	541
Accommodation and Food Services	2,824	2,861	2,901	2,940	2,975	3,008	3,041	3,071	3,104	3,131	3,160	3,183	3,210
Other Services (except Public Administration)	4,905	4,974	5,045	5,116	5,183	5,244	5,305	5,361	5,417	5,466	5,520	5,564	5,609
Government	973	980	987	993	996	998	999	998	995	992	985	978	970

Appendix G:
Impact of MARTA on Output by Industry

Atlanta West

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	726	809	861	905	962	1,015	1,067	1,120	1,172	1,222	1,271	1,318	1,391	1,463
Mining	28	52	52	51	53	54	54	56	56	57	58	58	61	65
Utilities	622	889	947	993	1,053	1,113	1,174	1,229	1,290	1,349	1,408	1,458	1,537	1,616
Construction	3,074	3,923	3,905	3,722	3,918	3,957	4,041	4,202	4,322	4,441	4,592	4,718	4,960	5,202
Manufacturing	11,546	13,126	13,513	13,587	14,290	14,793	15,349	16,025	16,622	17,208	17,829	18,397	19,314	20,224
Wholesale Trade	816	1,110	1,224	1,297	1,416	1,525	1,640	1,766	1,890	2,014	2,146	2,274	2,399	2,523
Retail Trade	2,546	3,230	3,408	3,470	3,729	3,930	4,151	4,414	4,658	4,906	5,170	5,425	5,713	6,000
Transporatation and Warehousing	450	548	575	770	634	670	708	752	794	837	881	923	974	1,024
Information	605	821	907	971	1,078	1,176	1,280	1,397	1,510	1,628	1,751	1,873	1,980	2,088
Finance and Insurance	1,242	1,446	1,536	1,584	1,700	1,800	1,908	2,031	2,144	2,261	2,384	2,501	2,634	2,763
Real Estate and Rental and Leasing	486	618	662	694	753	805	857	914	970	1,025	1,084	1,141	1,208	1,273
Professional, Scientific, and Technical Services	711	748	796	809	869	918	970	1,036	1,095	1,157	1,223	1,288	1,363	1,438
Management of Companies and Enterprises	155	131	141	149	161	172	183	195	207	220	232	244	257	271
Administrative and Support and Waste Management	524	591	638	661	720	769	821	882	940	999	1,062	1,124	1,192	1,260
Educational Services	65	43	45	45	48	50	52	55	57	59	62	65	68	72
Health Care and Social Assistance	1,778	2,191	2,314	2,356	2,525	2,659	2,810	2,986	3,152	3,322	3,500	3,676	3,873	4,069
Arts, Entertainment, and Recreation	145	147	157	162	175	186	199	213	226	240	255	270	285	300
Accommodation and Food Services	579	714	751	760	811	850	893	990	988	1,034	1,083	1,129	1,190	1,251
Other Services (except Public Administration)	1,010	1,190	1,252	1,268	1,356	1,425	1,502	1,590	1,672	1,757	1,844	1,931	2,038	2,144
Government	19	30	87	161	207	256	295	332	372	409	446	483	526	568

Atlanta West *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	1,534	1,606	1,680	1,752	1,822	1,894	1,964	2,035	2,105	2,175	2,243	2,309	2,374	2,441
Mining	68	71	74	77	80	83	86	89	92	95	98	100	103	106
Utilities	1,691	1,760	1,840	1,919	1,993	2,061	2,136	2,213	2,283	2,359	2,419	2,488	2,559	2,630
Construction	5,441	5,686	5,938	6,187	6,431	6,683	6,928	7,177	7,422	7,673	7,917	8,153	8,395	8,634
Manufacturing	21,118	22,027	22,955	23,868	24,754	25,663	26,553	27,448	28,324	29,208	30,078	30,914	31,763	32,612
Wholesale Trade	2,645	2,769	2,898	3,022	3,144	3,270	3,391	3,516	3,637	3,760	3,879	3,995	4,113	4,230
Retail Trade	6,284	6,576	6,872	7,165	7,457	7,755	8,044	8,341	8,629	8,925	9,217	9,498	9,783	10,067
Transporatation and Warehousing	1,073	1,124	1,177	1,228	1,278	1,330	1,381	1,432	1,483	1,535	1,585	1,634	1,684	1,734
Information	2,191	2,298	2,409	2,520	2,627	2,737	2,847	2,956	3,064	3,176	3,283	3,387	3,493	3,601
Finance and Insurance	2,895	3,026	3,161	3,296	3,428	3,561	3,692	3,827	3,957	4,092	4,221	4,349	4,477	4,626
Real Estate and Rental and Leasing	1,340	1,407	1,476	1,545	1,612	1,681	1,748	1,818	1,884	1,954	2,022	2,085	2,152	2,219
Professional, Scientific, and Technical Services	1,514	1,592	1,671	1,750	1,829	1,908	1,988	2,069	2,152	2,229	2,310	2,387	2,467	2,546
Management of Companies and Enterprises	283	297	310	324	337	351	363	377	390	403	416	428	441	453
Administrative and Support and Waste Management	1,328	1,398	1,469	1,540	1,611	1,683	1,754	1,826	1,897	1,969	2,040	2,109	2,179	2,249
Educational Services	75	79	82	86	89	93	97	100	104	108	111	115	118	122
Health Care and Social Assistance	4,263	4,462	4,665	4,863	5,061	5,263	5,460	5,661	5,856	6,056	6,253	6,442	6,634	6,826
Arts, Entertainment, and Recreation	315	330	346	361	377	393	408	424	439	455	470	486	500	516
Accommodation and Food Services	1,311	1,373	1,436	1,498	1,559	1,622	1,683	1,747	1,808	1,870	1,932	1,991	2,051	2,111
Other Services (except Public Administration)	2,249	2,358	2,469	2,579	2,687	2,799	2,910	3,021	3,130	3,243	3,353	3,461	3,570	3,680
Government	612	655	700	744	787	831	874	918	960	1,003	1,045	1,085	1,126	1,165

Appendix G:
Impact of MARTA on Output by Industry

Atlanta West *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	2,502	2,567	2,629	2,689	2,746	2,806	2,860	2,915	2,970	3,019	3,072	3,121	3,167	3,214
Mining	109	112	114	117	119	122	124	127	129	131	133	136	138	140
Utilities	2,690	2,758	2,823	2,873	2,933	2,996	3,053	3,108	3,165	3,211	3,266	3,317	3,359	3,408
Construction	8,861	9,102	9,332	9,554	9,769	9,996	10,204	10,413	10,625	10,819	11,018	11,212	11,398	11,583
Manufacturing	33,402	34,244	35,049	35,833	36,583	37,372	38,110	38,840	39,587	40,269	40,985	41,688	42,358	43,033
Wholesale Trade	4,338	4,453	4,567	4,673	4,775	4,884	4,981	5,080	5,180	5,269	5,365	5,455	5,539	5,626
Retail Trade	10,337	10,628	10,901	11,172	11,428	11,702	11,954	12,208	12,467	12,700	12,948	13,188	13,415	13,646
Transporatation and Warehousing	1,781	1,831	1,879	1,925	1,970	2,018	2,061	2,105	2,149	2,189	2,233	2,274	2,313	2,353
Information	3,701	3,808	3,909	4,007	4,103	4,203	4,293	4,385	4,478	4,561	4,652	4,733	4,813	4,893
Finance and Insurance	4,725	4,854	4,979	5,100	5,213	5,337	5,449	5,562	5,679	5,782	5,892	5,999	6,102	6,203
Real Estate and Rental and Leasing	2,281	2,347	2,410	2,471	2,531	2,593	2,647	2,706	2,763	2,815	2,869	2,921	2,969	3,019
Professional, Scientific, and Technical Services	2,621	2,701	2,777	2,851	2,923	2,999	3,069	3,139	3,210	3,275	3,343	3,408	3,471	3,534
Management of Companies and Enterprises	465	478	489	500	512	524	534	545	555	565	575	585	594	603
Administrative and Support and Waste Management	2,316	2,386	2,454	2,520	2,582	2,648	2,709	2,771	2,833	2,890	2,949	3,006	3,060	3,114
Educational Services	125	128	132	135	138	142	145	148	151	154	157	160	163	166
Health Care and Social Assistance	7,040	7,201	7,387	7,568	7,741	7,923	8,092	8,262	8,434	8,592	8,758	8,919	9,073	9,228
Arts, Entertainment, and Recreation	530	546	561	575	589	603	617	631	644	657	670	683	695	708
Accommodation and Food Services	2,168	2,230	2,288	2,345	2,400	2,457	2,510	2,564	2,619	2,668	2,721	2,772	2,820	2,869
Other Services (except Public Administration)	3,782	3,892	3,998	4,103	4,201	4,306	4,402	4,502	4,601	4,692	4,788	4,881	4,970	5,058
Government	1,203	1,238	1,274	1,307	1,340	1,372	1,400	1,428	1,455	1,479	1,499	1,519	1,537	1,552

Atlanta West *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	3,257	3,297	3,337	3,377	3,415	3,448	3,482	3,516	3,543	3,573	3,596	3,619	3,642
Mining	142	144	145	147	149	150	152	154	155	156	158	159	160
Utilities	3,452	3,493	3,535	3,577	3,615	3,649	3,683	3,718	3,745	3,776	3,799	3,822	3,846
Construction	11,756	11,922	12,080	12,246	12,401	12,544	12,687	12,830	12,949	13,081	13,194	13,299	13,411
Manufacturing	43,680	44,303	44,927	45,570	46,176	46,746	47,332	47,941	48,460	49,040	49,545	50,059	50,600
Wholesale Trade	5,706	5,780	5,855	5,928	5,999	6,062	6,126	6,190	6,240	6,299	6,343	6,388	6,433
Retail Trade	13,865	14,073	14,286	14,494	14,696	14,886	15,077	15,270	15,436	15,623	15,776	15,935	16,095
Transporatation and Warehousing	2,390	2,425	2,460	2,497	2,531	2,563	2,594	2,626	2,654	2,683	2,709	2,734	2,760
Information	4,970	5,040	5,109	5,178	5,244	5,304	5,364	5,423	5,471	5,529	5,570	5,613	5,657
Finance and Insurance	6,301	6,391	6,487	6,582	6,669	6,751	6,837	6,922	6,998	7,078	7,147	7,217	7,285
Real Estate and Rental and Leasing	3,065	3,109	3,151	3,194	3,234	3,269	3,306	3,342	3,370	3,405	3,429	3,454	3,480
Professional, Scientific, and Technical Services	3,592	3,648	3,705	3,762	3,815	3,865	3,914	3,964	4,007	4,052	4,090	4,130	4,168
Management of Companies and Enterprises	612	620	628	637	644	651	658	665	671	677	682	687	692
Administrative and Support and Waste Management	3,165	3,213	3,261	3,309	3,355	3,397	3,439	3,480	3,515	3,554	3,586	3,617	3,648
Educational Services	168	171	173	176	179	181	183	186	188	190	192	194	196
Health Care and Social Assistance	9,376	9,515	9,659	9,802	9,937	10,066	10,196	10,327	10,444	10,569	10,677	10,788	10,898
Arts, Entertainment, and Recreation	720	731	742	754	765	775	785	795	804	814	823	831	839
Accommodation and Food Services	2,915	2,958	3,003	3,048	3,090	3,130	3,171	3,211	3,246	3,285	3,318	3,350	3,385
Other Services (except Public Administration)	5,144	5,224	5,306	5,389	5,469	5,543	5,617	5,692	5,757	5,827	5,889	5,951	6,012
Government	1,567	1,576	1,586	1,592	1,595	1,595	1,593	1,589	1,581	1,573	1,559	1,542	1,525

Appendix G:
Impact of MARTA on Output by Industry

Rest of Georgia

Industry Name	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*
Agriculture, Forestry, Fishing, and Hunting	2,736	3,350	3,251	2,989	3,030	2,995	2,979	3,061	3,082	3,123	3,172	3,215	3,357	3,496
Mining	451	718	646	551	537	503	468	469	452	438	430	420	434	449
Utilities	445	798	668	432	238	141	48	114	185	245	321	506	573	616
Construction	3,902	6,451	5,414	4,107	3,734	3,259	2,566	2,561	2,228	1,952	1,765	1,558	1,464	1,389
Manufacturing	42,964	55,031	50,799	43,565	42,925	40,640	38,498	39,005	37,989	37,305	37,114	36,651	37,380	38,182
Wholesale Trade	314	1,207	602	400	974	1,620	2,298	2,726	3,326	3,950	4,498	5,124	5,570	6,027
Retail Trade	7,304	10,058	9,328	7,762	7,498	6,957	6,438	6,510	6,229	6,029	5,921	5,775	5,802	5,841
Transporatation and Warehousing	717	1,205	535	3,762	822	1,385	1,920	2,292	2,773	3,223	3,684	4,147	4,501	4,850
Information	86	15	389	974	1,330	1,728	2,141	2,409	2,785	3,135	3,473	3,827	4,106	4,370
Finance and Insurance	3,003	4,018	3,456	2,478	2,158	1,694	1,286	1,142	788	513	277	8	199	420
Real Estate and Rental and Leasing	579	66	420	903	1,184	1,483	1,804	1,999	2,282	2,535	2,773	3,012	3,242	3,470
Professional, Scientific, and Technical Services	1,465	2,022	1,602	942	645	300	43	181	449	680	878	1,094	1,207	1,320
Management of Companies and Enterprises	61	158	193	678	1,003	1,328	1,671	1,915	2,198	2,488	2,777	3,078	3,356	3,609
Administrative and Support and Waste Management	1,055	1,504	1,288	843	774	596	437	404	297	210	151	87	70	59
Educational Services	481	656	597	473	450	409	373	378	358	349	346	346	352	360
Health Care and Social Assistance	8,738	11,534	11,049	9,568	9,567	9,202	8,964	9,227	9,200	9,277	9,427	9,566	9,920	10,299
Arts, Entertainment, and Recreation	478	594	545	444	427	397	369	370	360	349	351	344	355	356
Accommodation and Food Services	2,020	2,556	2,236	1,610	1,434	1,154	915	1,347	665	521	397	267	190	117
Other Services (except Public Administration)	2,127	2,713	2,385	1,750	1,564	1,281	1,031	944	757	608	462	330	259	191
Government	566	962	1,552	2,305	2,804	3,326	3,798	4,189	4,641	5,067	5,486	5,908	6,393	6,872

Rest of Georgia *(continued)*

Industry Name	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025*	*2026*	*2027*	*2028*
Agriculture, Forestry, Fishing, and Hunting	3,641	3,793	3,941	4,085	4,239	4,394	4,541	4,699	4,854	5,013	5,174	5,332	5,480	5,636
Mining	463	478	493	508	523	539	555	570	586	602	618	634	650	665
Utilities	691	918	968	1,019	1,104	1,328	1,382	1,435	1,528	1,578	1,860	1,913	1,965	2,018
Construction	1,301	1,221	1,148	1,075	998	931	856	784	721	678	620	560	517	467
Manufacturing	38,963	39,765	40,633	41,521	42,338	43,264	44,237	45,128	46,087	47,059	48,161	49,194	50,336	51,344
Wholesale Trade	6,500	6,975	7,427	7,901	8,392	8,852	9,346	9,807	10,251	10,726	11,158	11,610	12,021	12,471
Retail Trade	5,878	5,925	5,976	6,032	6,122	6,211	6,281	6,394	6,470	6,603	6,757	6,895	7,046	7,172
Transporatation and Warehousing	5,206	5,554	5,893	6,248	6,594	6,941	7,283	7,614	7,937	8,254	8,594	8,873	9,181	9,497
Information	4,669	4,935	5,207	5,464	5,724	5,989	6,225	6,485	6,725	6,944	7,177	7,400	7,628	7,829
Finance and Insurance	592	810	1,017	1,183	1,383	1,575	1,777	1,946	2,132	2,273	2,453	2,601	2,738	2,440
Real Estate and Rental and Leasing	3,679	3,917	4,144	4,363	4,587	4,813	5,037	5,245	5,481	5,682	5,873	6,108	6,292	6,492
Professional, Scientific, and Technical Services	1,419	1,518	1,610	1,710	1,794	1,885	1,955	2,029	2,054	2,172	2,224	2,275	2,323	2,380
Management of Companies and Enterprises	3,894	4,150	4,440	4,676	4,977	5,223	5,508	5,792	6,037	6,334	6,554	6,823	7,072	7,355
Administrative and Support and Waste Management	52	45	42	43	49	55	63	80	91	108	132	158	183	203
Educational Services	371	383	392	404	417	428	445	458	472	492	511	527	547	563
Health Care and Social Assistance	10,685	11,081	11,510	11,913	12,361	12,816	13,271	13,743	14,215	14,708	15,240	15,741	16,253	16,752
Arts, Entertainment, and Recreation	370	373	388	388	402	419	426	443	457	470	488	508	515	534
Accommodation and Food Services	40	34	99	163	239	296	357	406	460	510	547	584	619	666
Other Services (except Public Administration)	119	54	6	66	128	173	221	271	317	350	381	406	423	449
Government	7,365	7,860	8,364	8,865	9,360	9,854	10,360	10,852	11,336	11,824	12,310	12,767	13,242	13,702

Appendix G:
Impact of MARTA on Output by Industry

Rest of Georgia *(continued)*

Industry Name	*2029*	*2030*	*2031*	*2032*	*2033*	*2034*	*2035*	*2036*	*2037*	*2038*	*2039*	*2040*	*2041*	*2042*
Agriculture, Forestry, Fishing, and Hunting	5,783	5,945	6,103	6,265	6,424	6,586	6,744	6,908	7,070	7,231	7,396	7,547	7,711	7,877
Mining	681	699	715	731	747	764	780	797	814	831	848	865	883	901
Utilities	2,109	2,187	2,230	2,510	2,553	2,592	2,628	2,697	2,726	2,809	2,833	2,852	2,921	2,933
Construction	439	407	388	365	364	358	369	389	415	458	496	551	633	701
Manufacturing	52,502	53,778	54,997	56,355	57,704	59,007	60,600	62,023	63,607	65,305	66,911	68,814	70,750	72,685
Wholesale Trade	12,881	13,306	13,620	13,999	14,355	14,682	15,015	15,306	15,609	15,829	16,069	16,300	16,503	16,628
Retail Trade	7,381	7,608	7,801	8,056	8,292	8,567	8,848	9,170	9,509	9,852	10,222	10,635	11,055	11,510
Transporatation and Warehousing	9,754	10,014	10,267	10,515	10,740	10,952	11,141	11,323	11,509	11,670	11,782	11,897	12,006	12,058
Information	8,020	8,205	8,389	8,555	8,696	8,859	9,008	9,142	9,258	9,351	9,427	9,535	9,603	9,649
Finance and Insurance	3,033	3,133	3,221	3,296	3,382	3,420	3,469	3,505	3,474	3,466	3,440	3,392	3,308	3,240
Real Estate and Rental and Leasing	6,659	6,846	7,031	7,193	7,335	7,490	7,668	7,777	7,903	8,007	8,137	8,214	8,308	8,376
Professional, Scientific, and Technical Services	2,402	2,420	2,451	2,468	2,471	2,463	2,455	2,444	2,412	2,372	2,325	2,278	2,208	2,121
Management of Companies and Enterprises	7,543	7,796	8,046	8,288	8,421	8,674	8,870	9,046	9,232	9,401	9,518	9,684	9,789	9,944
Administrative and Support and Waste Management	249	287	333	379	425	481	536	604	673	751	824	910	1,000	1,094
Educational Services	587	610	634	655	679	708	736	764	792	824	852	888	921	958
Health Care and Social Assistance	18,054	17,895	18,472	19,058	19,646	20,244	20,855	21,488	22,129	22,791	23,456	24,151	24,863	25,579
Arts, Entertainment, and Recreation	557	575	599	619	645	665	690	723	751	778	812	847	876	912
Accommodation and Food Services	675	684	689	687	674	662	641	601	556	514	446	374	288	195
Other Services (except Public Administration)	457	461	453	434	416	394	363	313	262	193	126	40	51	154
Government	14,133	14,549	14,973	15,363	15,755	16,126	16,477	16,809	17,144	17,439	17,703	17,958	18,187	18,394

Rest of Georgia *(continued)*

Industry Name	*2043*	*2044*	*2045*	*2046*	*2047*	*2048*	*2049*	*2050*	*2051*	*2052*	*2053*	*2054*	*2055*
Agriculture, Forestry, Fishing, and Hunting	8,043	8,207	8,377	8,546	8,718	8,890	9,064	9,241	9,419	9,599	9,782	9,966	10,152
Mining	918	936	955	973	992	1,011	1,030	1,050	1,070	1,091	1,112	1,133	1,155
Utilities	2,941	2,943	2,942	2,938	2,928	2,912	2,893	2,867	2,837	2,802	2,761	2,716	2,663
Construction	792	911	995	1,127	1,272	1,432	1,599	1,781	1,973	2,184	2,439	2,670	2,940
Manufacturing	74,810	77,109	79,348	81,809	84,273	86,839	89,564	92,512	95,433	98,565	101,799	105,182	108,880
Wholesale Trade	16,777	16,886	16,957	17,065	17,071	17,061	17,037	16,992	16,903	16,769	16,624	16,430	16,239
Retail Trade	11,983	12,502	13,064	13,601	14,204	14,850	15,516	16,231	16,968	17,772	18,563	19,437	20,322
Transporatation and Warehousing	12,120	12,156	12,172	12,146	12,113	12,045	11,968	11,877	11,732	11,595	11,390	11,171	10,938
Information	9,683	9,694	9,723	9,738	9,700	9,655	9,603	9,544	9,455	9,335	9,216	9,069	8,900
Finance and Insurance	3,102	2,991	2,804	2,606	2,400	2,177	1,881	1,598	1,239	897	502	69	341
Real Estate and Rental and Leasing	8,439	8,481	8,542	8,564	8,566	8,588	8,549	8,531	8,507	8,417	8,351	8,287	8,164
Professional, Scientific, and Technical Services	2,042	1,941	1,827	1,697	1,559	1,402	1,238	1,065	860	660	439	184	66
Management of Companies and Enterprises	10,038	10,082	10,166	10,201	10,249	10,315	10,282	10,286	10,261	10,249	10,184	10,156	10,046
Administrative and Support and Waste Management	1,198	1,304	1,416	1,539	1,669	1,805	1,950	2,098	2,252	2,425	2,603	2,780	2,974
Educational Services	999	1,040	1,082	1,122	1,169	1,216	1,265	1,315	1,370	1,425	1,481	1,542	1,605
Health Care and Social Assistance	26,322	27,073	27,861	28,653	29,457	30,295	31,162	32,042	32,980	33,913	34,863	35,853	36,861
Arts, Entertainment, and Recreation	951	993	1,032	1,077	1,123	1,171	1,221	1,272	1,326	1,381	1,444	1,501	1,565
Accommodation and Food Services	89	31	168	306	457	633	816	1,010	1,232	1,468	1,715	1,960	2,254
Other Services (except Public Administration)	267	397	540	695	872	1,058	1,251	1,456	1,681	1,910	2,176	2,446	2,726
Government	18,599	18,750	18,888	19,015	19,091	19,137	19,174	19,179	19,153	19,107	19,018	18,896	18,768

Appendix H:
Impact of MARTA on Real Disposable Income by Region

County	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Cherokee	23,770	29,138	29,812	29,432	30,696	31,541	32,802	34,716	36,087	37,720	39,450	41,196	43,165	45,141
Clayton	30,295	36,082	37,306	30,418	38,983	40,392	42,273	43,913	46,753	48,956	51,289	53,660	56,262	58,888
Cobb	118,096	146,040	146,133	139,353	144,040	145,485	149,736	157,062	161,966	167,911	174,734	181,236	189,184	197,319
DeKalb	127,240	155,050	157,578	154,038	160,199	164,282	170,368	179,756	186,789	194,810	203,509	212,195	221,993	231,959
Fayette	20,658	24,595	25,600	23,768	27,080	28,205	29,624	31,145	32,871	34,456	36,123	37,822	39,861	41,709
Fulton	213,636	253,441	256,704	250,010	258,651	265,000	274,859	289,357	300,393	313,198	326,774	340,467	356,001	371,743
Gwinnett	88,746	112,358	112,462	108,452	111,655	113,838	116,066	122,678	126,560	131,369	136,640	141,982	148,221	154,540
Henry	20,597	24,911	25,816	22,708	27,128	28,142	29,463	30,819	32,617	34,173	35,821	37,461	39,278	41,105
Rockdale	11,273	13,864	14,418	14,288	15,267	15,895	16,598	17,597	18,447	19,321	20,270	21,187	22,224	23,246
Atlanta East	19,487	24,595	25,320	24,990	26,428	27,443	28,402	30,173	31,513	32,954	34,490	36,018	37,753	39,461
Atlanta North	27,324	33,638	34,196	33,548	34,715	35,648	36,828	38,953	40,432	42,173	44,047	45,918	48,019	50,162
Atlanta South	10,238	12,362	13,162	12,707	14,461	15,231	16,107	17,096	18,079	19,033	20,032	21,014	22,120	23,198
Atlanta West	18,503	22,874	23,347	22,703	23,860	24,464	25,389	26,733	27,786	28,944	30,224	31,442	32,884	34,335
Rest of Georgia	61,688	79,636	76,856	69,438	68,767	67,061	65,853	68,142	68,156	68,853	70,059	71,054	73,284	75,559

County	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Cherokee	47,206	49,228	51,247	53,236	55,327	57,420	59,562	61,588	63,668	65,760	67,944	69,966	72,118	72,069
Clayton	61,551	64,293	66,929	69,587	72,379	75,084	77,854	80,582	83,134	86,113	88,932	91,624	94,359	97,137
Cobb	205,453	213,924	222,254	230,593	239,173	247,953	256,622	265,390	274,180	283,016	291,999	300,892	309,873	318,302
DeKalb	241,889	252,309	262,487	272,683	283,096	293,842	304,253	314,819	325,370	335,913	346,875	357,511	368,117	378,776
Fayette	43,620	45,595	47,543	49,392	51,417	53,296	55,338	57,328	59,187	61,241	63,358	65,317	67,225	69,303
Fulton	387,557	403,996	420,198	436,512	453,164	470,186	487,026	504,053	521,116	538,248	555,833	573,148	590,516	607,879
Gwinnett	160,874	167,542	174,021	180,531	187,189	193,971	200,615	207,374	214,027	220,812	227,705	234,520	241,304	248,098
Henry	42,959	44,865	46,696	48,563	50,470	52,351	54,264	56,149	57,959	59,955	61,873	63,733	65,616	67,510
Rockdale	24,278	25,346	26,389	27,442	28,501	29,562	30,615	31,664	32,712	33,760	34,830	35,866	36,906	37,936
Atlanta East	41,210	43,001	44,749	46,494	48,293	50,065	51,832	53,614	55,368	57,129	58,913	60,679	62,400	64,148
Atlanta North	52,310	54,498	56,683	58,882	61,114	63,366	65,618	67,859	70,123	72,403	74,686	76,942	79,230	81,147
Atlanta South	24,304	25,412	26,499	27,591	28,724	29,797	30,931	32,015	33,104	34,210	35,318	36,405	37,470	38,539
Atlanta West	35,775	37,260	38,745	40,217	41,702	43,215	44,705	46,213	47,701	49,215	50,725	52,201	53,694	55,140
Rest of Georgia	77,861	80,251	82,702	85,139	87,722	90,319	92,991	95,721	98,441	101,306	104,283	107,224	110,204	113,149

Appendix H:
Impact of MARTA on Real Disposable Income by Region

County	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Cherokee	72,413	78,318	80,375	82,511	84,478	86,547	88,540	90,663	92,856	94,793	96,719	98,733	100,687	102,633
Clayton	99,872	102,583	105,261	108,024	110,635	113,302	115,929	118,587	121,214	123,851	126,400	129,002	131,512	134,079
Cobb	327,036	336,928	345,862	355,078	364,040	373,147	382,250	391,349	400,593	409,684	418,903	428,151	437,334	446,588
DeKalb	389,208	400,080	410,609	421,534	432,002	442,635	453,109	463,681	474,081	484,510	494,960	505,446	515,905	526,241
Fayette	71,268	73,116	75,121	76,943	78,902	80,789	82,639	84,576	86,387	88,262	90,054	91,861	93,598	95,387
Fulton	625,128	643,153	660,632	678,542	696,041	713,806	731,486	749,322	767,104	784,878	802,774	820,804	838,852	856,880
Gwinnett	254,674	261,777	268,452	275,359	282,044	288,986	295,633	302,480	309,232	315,825	322,642	329,383	336,114	342,759
Henry	69,366	71,218	73,054	74,906	76,700	78,507	80,278	82,069	83,824	85,569	87,296	89,011	90,686	92,389
Rockdale	38,960	39,982	40,970	41,988	42,981	43,966	44,922	45,888	46,826	47,768	48,686	49,612	50,512	51,408
Atlanta East	65,839	67,586	69,238	70,934	72,601	74,262	75,858	77,482	79,085	80,654	82,200	83,750	85,256	86,726
Atlanta North	83,269	86,043	88,273	90,563	92,802	95,063	97,280	99,540	101,786	103,992	106,196	108,429	110,628	112,831
Atlanta South	39,602	40,641	41,656	42,685	43,670	44,653	45,632	46,599	47,521	48,455	49,376	50,273	51,128	51,994
Atlanta West	56,586	58,152	59,617	61,088	62,510	63,983	65,403	66,834	68,281	69,663	71,088	72,499	73,876	75,269
Rest of Georgia	116,754	119,634	122,897	126,226	129,636	133,111	136,656	140,343	144,057	147,890	151,783	155,831	159,934	164,158

County	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
Cherokee	104,579	106,476	108,435	110,307	112,187	114,054	115,926	117,798	119,672	121,501	123,291	125,133	127,041
Clayton	136,574	139,053	141,530	143,957	146,414	148,815	151,220	153,651	155,990	158,358	160,716	163,003	165,345
Cobb	455,917	465,062	474,451	483,863	493,284	502,751	512,250	521,913	531,504	541,214	550,959	560,758	570,754
DeKalb	536,537	546,744	557,168	567,458	577,701	587,997	598,186	608,511	618,693	628,911	639,149	649,386	659,516
Fayette	97,236	98,960	100,665	102,313	104,003	105,654	107,310	108,969	110,607	112,238	113,849	115,304	116,919
Fulton	874,918	892,891	911,242	929,555	947,866	966,313	984,778	1,003,567	1,022,243	1,041,069	1,060,015	1,079,080	1,098,252
Gwinnett	349,478	356,046	362,749	369,606	376,236	382,934	389,620	396,403	403,033	409,796	416,503	423,288	430,142
Henry	94,034	95,654	97,280	98,884	100,481	102,032	103,585	105,131	106,636	108,131	109,627	111,068	112,532
Rockdale	52,283	53,128	53,984	54,837	55,664	56,467	57,267	58,048	58,822	59,573	60,327	61,051	61,775
Atlanta East	88,224	89,635	91,061	92,505	93,887	95,229	96,571	97,877	99,171	100,430	101,691	102,906	104,131
Atlanta North	115,018	117,166	119,354	121,552	123,717	125,869	128,029	130,191	132,347	134,491	136,646	138,791	140,971
Atlanta South	52,835	53,624	54,412	55,194	55,950	56,663	57,379	58,060	58,737	59,376	60,018	60,592	61,194
Atlanta West	76,640	77,973	79,330	80,697	82,041	83,363	84,693	86,048	87,333	88,671	89,952	91,239	92,556
Rest of Georgia	168,515	172,973	177,537	182,216	187,042	191,994	197,094	202,341	207,744	213,283	218,995	224,807	230,869

The University of Georgia

The Carl Vinson Institute of Government has served as an integral part of the University of Georgia for 80 years. A public service and outreach unit of the university, the Institute has as its chief objective assisting public officials in achieving better government and communities, particularly in Georgia. To this end, it draws upon the resources and expertise of the university to offer an extensive program of governmental instruction, research and policy analysis, technical assistance, and publications.

Collectively, Vinson Institute faculty and staff design and conduct more than 600 training and development programs per year, in which more than 18,000 public officials participate. Technical assistance takes many forms, including evaluation of existing facilities and methods, provision of information for decision makers, and assistance in establishing new programs. Research helps inform policy decisions at local and state levels.

Research with wide general application is made available through the publications program. Publications include handbooks for specific governmental offices, research studies on significant issues, classroom teaching materials, and reports on practical methods for improving governmental operations.

Carl Vinson Institute of Government
The University of Georgia