

## Section 3: Southern Jones County

### Allocation Factors—Southern Jones County

As noted in Section 2 regarding Macon-Bibb County, a number of variables influence land development decisions, making some properties or areas more or less attractive to development. This section explains the factors that have been used in this analysis to allocate future growth to each of the Traffic Analysis Zones (TAZs) specifically in the Jones County portion of the MATS Planning Area. (Section 2 of this report addresses the Macon-Bibb County portion.)

#### Locational Advantage

An important consideration relates to the location of a property or area relative to other areas in the Planning Area. One way to measure locational advantage is to examine travel times between areas since people tend to feel that they are close to or far from a place based on how long it takes to get there.

Table J-1 shows the average travel times between TAZs and various calculations and rankings. The travel times have been calculated using the current traffic model for the MATS area, but excluding such major road improvement projects as the extension of Eisenhower Parkway and the Jones County Cross-County Connector. Thus, to a certain extent, the travel times shown reflect an “as is” situation. This is an important factor, since the Plan will eventually reflect future transportation projects and the influence such projects may have on land use and development patterns.

For residential development, different people have different attitudes about where they live in relation to where they shop or work. Some prospective residents may look for a location that has good accessibility to all of the major shopping and employment centers; some may wish to be located closest to a particular shopping or employment center, while some may be less particular so long as they are not too far from the farthest major center. For nonresidential development, however, a property or area's accessibility to all of the other areas is more important, since it reflects the ease (or difficulty) with which potential customers or employees can reach that particular location.

Table J-1 shows the average travel times between each TAZ in Southern Jones County and seven major shopping and employment destinations in the MATS Planning Area: Ocmulgee East, the Medical Center (Downtown), Hartley Bridge, Macon Airport, Macon Mall, I-75 at Riverside, and Zebulon Road (at I-475).<sup>12</sup> The overall average among all seven averages is also shown as well as the shortest single time (the minimum) and the longest single time (the maximum). Lastly, the overall average, the minimum and the maximum are added together to produce the avg+min+max factor.

The next columns on Table J-1 show the rank order of the TAZs for each of the Travel Time factors—the overall average, the minimum, the maximum and the avg+min+max—with “1” being assigned to the TAZ with the least amount of time. Of these, the rank order for the avg+min+max was selected for residential allocations since it represents the combination of the

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<sup>12</sup> Retail and employment centers outside of the MATS area—specifically in and south of Gray—were not considered. In general, access to jobs in Bibb County are considered to have greater influence for residential location.

different reasons people chose a specific location, as discussed above. For nonresidential uses, however, the overall “average” time ranking was used. This latter ranking was selected for the nonresidential allocations since it reflects central accessibility as an influential locational factor for shops, offices and employers.

### **Market Advantage**

Some areas are considered by prospective residents, particularly homebuyers, as being more or less attractive places to live based on the characteristics of the other residential developments in the surrounding area. Other than location, these characteristics include price, design, lot size, development amenities and other market considerations. For new residential development, recent growth in each TAZ (since 2002) can be used to account for market advantage of one area over another under the assumption that high growth areas reflect “hot” markets that have the advantages that are attracting buyers to new homes.

Table J-2 shows the change in the number of dwelling units in each TAZ between 2002 and 2006 and the percent increase for the TAZ. The next column on Table J-2 shows the percentage that the new units in each TAZ represent of all new units in Southern Jones County. These percentages are then rank ordered with “1” being the TAZ with the largest percentage of the new units.

### **School Rankings**

School rankings are not considered of importance in Southern Jones County, since the schools tend to be closer in overall standardized test scores.

### **Sanitary Sewer Service**

Another factor considered in the allocations is the availability of sanitary sewer service. For some uses, such as higher density residential or process-oriented industrial development, sewer service is critical, while for others availability encourages development but is not mandatory.

None of the areas in Southern Jones County have sewer service, and there are no firm plans for financing such extensions. All of the TAZs were therefore given the same “discount” against future development as for similar areas in Macon-Bibb County where sewer is also not planned.

### **Land Availability—Southern Jones County**

Table J-3 shows the number of acres in each TAZ that have been developed for various land uses (such as single-family residential, commercial and industrial). Table J-3 also shows the number of acres in agricultural or forestry production and the number of acres that are vacant. Together, vacant and agricultural/forestry lands total 14,733 acres. For the purposes of this analysis, lands that are considered to be potentially “available” for future development, at least in a gross sense, include all undeveloped properties whether vacant or in agricultural or forestry production.

The *Development Trends and Land Demand Analysis* forecasted a gross land demand of 10,830 acres for allocation of land use categories on the Land Use Plan map.<sup>13</sup> Additional acres

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<sup>13</sup> See “Land Consumption—Jones County Portion” of the *Development Trends and Land Demand Analysis* report prepared for the MATS Planning Area. Gross land demand includes a “market choice”

would be expected to be located in flood plains or contain steep slopes. Thus, the entire 14,733 undeveloped acres are treated as the gross number of acres “available” for new development.

Of this roughly 14,733 “available” acres, however, only about 2,461 are needed to accommodate actual development demand for all new growth in Southern Jones County through 2035.<sup>14</sup> It is therefore necessary to allocate the new growth to each TAZ relative to the acres available and to the extent that those acres would be more or less attractive to new development. Thus, since the least attractive 12,272 acres would remain vacant or agricultural, it would be expected that some TAZs would experience greater growth to the extent that they contain areas more attractive to development, and vice versa.

## **Residential Growth—Southern Jones County**

To make the determination of which TAZs will experience more residential growth than others, and to quantify that growth relative to actual demand and the acres available, the allocation factors that have been identified will guide land development allocations. The allocation factors presented above must therefore be applied against the amount of land considered “available” for development in order to estimate the number of new households and population that would be expected to be added to each TAZ in the future.

### **New Households and Population**

Table J-4 presents the allocation of new residential growth to the TAZs in Southern Jones County to the year 2035. The methodology is to allocate new growth in terms of acres of land development based on the propensity to attract development established by the allocation factors. The acres of new development are then converted to new dwelling units using average density figures, and the number of dwelling units yields the number of new households using average vacancy figures (i.e., an occupied dwelling unit equals a household).<sup>15</sup>

The “allocation score” columns on Table J-4 are drawn from Tables J-1 for the locational advantage rank order and J-2 for the market advantage rank order (growth). These figures are added together to establish the Total Allocation Score for each TAZ for residential development. Thus, the propensity of a TAZ to attract future growth is a combination of where it is located and how well it has attracted development in the recent past.

The allocation score for each TAZ relative to each of the other TAZs establishes the “allocation percentage” for that TAZ. In essence, the “allocation percentage” reflects the relative strength (compared to all other Jones County TAZs) that the TAZ will have in attracting growth. Thus, the TAZs with the best combinations of locational and market advantage have the highest percentages.

The allocation percentage is then discounted since sanitary sewer service is not available or programmed for extension. Using the same discount as was applied in Macon-Bibb County, the percentage is discounted to only 25% of its value because residential development will be limited to septic tanks and thus very low densities.

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multiplier that is used to determine the amount of land that should be shown on a Land Use Plan to accommodate future growth.

<sup>14</sup> See “development demand” on Table JD-1 of the *Development Trends and Land Demand Analysis* report.

<sup>15</sup> The density and vacancy figures are drawn from the *Development Trends and Land Demand Analysis* report.

The figures in the “acres used” column of Table J-4 reflect the amount of new residential land development expected in each TAZ by 2035. The figures result from multiplying the number of acres available in the TAZ by the allocation percentage and the sewer availability discount. All residential development in Southern Jones County is expected to be single-family.

The number of acres used produces the number of new single-family dwelling units by allocating the total units forecast to the acres in each TAZ. Likewise, the actual number of new households (i.e., occupied single-family dwelling units) is allocated reflecting the number of households forecast in the *Development Trends and Land Demand Analysis* report.

### **Households by TAZ—2035**

The new households forecast for each TAZ added to the number of households existing in 2006 equals the total number of households expected in each TAZ in 2035. Table J-5 shows these calculations. In addition, the table calculates the population forecast for each TAZ, based on average household sizes for each TAZ.

Average household sizes for 2006 and 2035 are shown for each TAZ. The figures are derived from household sizes reported by the Bureau of Transportation Statistics for each traffic zone, based on 2000 Census data. The 2000 figures were then adjusted proportionally to area-wide average household sizes forecast for 2006 and 2035.<sup>16</sup> By multiplying the average household size times the number of households, the population in households is determined, to which is added the number of people in group quarters for the total population by TAZ.

### **Median Household Incomes**

The median income for households for each TAZ in the Jones County portion of the MATS Planning Area were obtained from the Bureau of Transportation Statistics, which are based on the 2000 Census (and thus report household income for the calendar year 1999). No notable shifts in income are anticipated to 2035.

### **Nonresidential Growth—Southern Jones County**

Nonresidential growth is allocated to the Traffic Analysis Zones using a methodology similar to that used for residential growth, yielding the number of acres forecast to be used for new development of commercial, office and industrial uses by 2035. The acres forecast for each land use is then translated into nonresidential floor area, and from floor area to number of employees, using ratios developed in the *Development Trends and Land Demand Analysis*.

### **Nonresidential Allocation Factors**

Table J-6 shows the basis for the allocation factors used for nonresidential development in the Jones County portion of the MATS Planning Area. Locational advantage is based on travel times from each TAZ to all other TAZs in the MATS area. This reflects, in part, the “highway commercial” nature of nonresidential development in Jones County, which tends to provide goods and services that draw on the region rather than focusing on strictly shopping goods for the surrounding residents. The travel times are ranked only among the Jones County TAZs, however, reflecting the “market niche” that areas like Gray Highway have established. The

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<sup>16</sup> See the *Development Trends and Land Demand Analysis* report.

rankings begin with “1” being the shortest average travel time, suggesting a locational advantage for the TAZs that are the most accessible to the region.

The second factor deals with market share. The acreages of existing development are examined to determine where growth has already occurred in the area, as an indicator of future potential. In the case of Table J-6, the “commercial” category includes both retail commercial and services. These acreages are then taken as a percentage of all such nonresidential uses in Southern Jones County, and ranked with “1” being the TAZ with the highest percentage of nonresidential uses already in existence. All TAZs with no nonresidential development at all are given the same (lowest) ranking—15.

## **New Employees**

Future growth is then allocated to the Jones County TAZs based on the allocation factors, as shown on Table J-7. The methodology, like that used for the residential allocations, is to allocate new growth in terms of acres of land development based on the propensity of the TAZ to attract development established by the allocation factors. The acres of new development are then converted to new nonresidential floor area using average density figures, and the floor area yields the number of new employees using average employee-per-floor-area ratios.<sup>17</sup>

The “allocation score” columns on Table J-7 are drawn from Table J-6 for the locational advantage rank order and for the market advantage rank order. These figures are added together to establish the Total Allocation Score for each TAZ for nonresidential development. Thus, the propensity of a TAZ to attract future growth is a combination of where it is located and how well it has attracted development in the recent past.

The “net available acres” column presents the number of acres in each TAZ that could be considered for nonresidential development. The figures reflect the “available” acres discussed under the residential allocations section, above, minus the land allocated to future residential development. These acreages, of course, far exceed future demand for commercial, office and industrial development.

The allocation score applicable for each TAZ (by type of land use) relative to each of the other TAZs establishes the “allocation percentage” for that TAZ. In essence, the “allocation percentage” reflects the relative strength (compared to all other Jones County TAZs) that the TAZ will have in attracting growth. Thus, the TAZs with the best combinations of locational and market advantage have the highest percentages. The percentages themselves are restrained in order to utilize only the number of acres in each land use category actually projected for development in Southern Jones County in the *Development Trends and Land Demand Analysis*.

Once the acres of new development have been calculated by land use category for each TAZ, the floor area for each land use can be determined from the acres used. The floor areas by land use are then converted into the number of employees by land use category. The floor area per acre figures and the square footage of floor area per employee reflect calculations made in the *Development Trends and Land Demand Analysis* report to estimate total growth in Southern Jones County.

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<sup>17</sup> The floor area density and employee-per-floor-area figures are drawn from the *Development Trends and Land Demand Analysis* report.

## Employment by TAZ—2035

In order to use the employment forecasts in the Transportation Plan model, the figures must be converted from employment by land use (commercial, office, industrial) to employment sector (manufacturing, wholesale, retail and services<sup>18</sup>). In the *Development Trends and Land Demand Analysis* report, percentages are calculated of the employees in each employment sector that are normally found in each land use category. Table J-8 uses these percentages in order to determine the number of new employees forecast by land use category that will be in each type of employment sector. The methodology is:

- The numerical change in the number of employees for each sector between 2006 and 2035 is taken from the forecasts made in the *Development Trends and Land Demand Analysis* report.
- Using the percentages by land use from the same report, the number of new employees in each land use category is determined for each employment sector.
- The final part of Table J-8 calculates the percentage of the total number of employees in each land use category that are in each employment sector.

Table J-9 shows the total number of employees by employment sector for each TAZ forecast to 2035. The new employees by land use (from Table J-7) are broken down by employment sector using the percentages calculated on Table J-8. The number of new employees, added to the number of employees existing in 2006, produces the total number of employees in each TAZ by employment sector.<sup>19</sup>

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<sup>18</sup>The "Services" category includes agricultural services, TCU (transportation, communications & utilities), FIRE (finance, insurance & real estate), and service employment. Public employees, which are normally included, are not present in the Jones County TAZs.

<sup>19</sup> The "mining" and "construction" categories are not used in the Transportation Plan model. Agricultural employment has already been excluded by using non-farm employment figures exclusively (agricultural services include such businesses as veterinarians, lawn service companies, nurseries, etc.)

Table J-1

**LOCAL ADVANTAGE--AVERAGE TRAVEL TIMES**  
Southern Jones County

ORIGIN TAZ	DESTINATION TAZ													RANKS (1=Best)															
	Ocmulgee East 136	Medical Center 153	Hartley Bridge 200	Macon Airport 213	Macon Mall 239	I-75 Riverside 337	Zebulon Road 364	Average						Min	Max	Avg + Min + Max													
	13.27	13.82	14.81	23.08	19.79	16.08	11.49	13.48	17.27	21.41	18.18	20.66	9.34	8.87	10.42	12.28	14.72	16.78	12.10	12.07	9.71	17.06	10.19	11.10	11.44	13.12	11.16	9.20	
86	13.27	13.82	14.81	23.08	19.79	16.08	11.49	13.48	17.27	21.41	18.18	20.66	9.34	8.87	10.42	12.28	14.72	16.78	12.10	12.07	9.71	17.06	10.19	11.10	11.44	13.12	11.16	9.20	
87	13.82	10.38	17.61	20.74	14.11	13.85	19.55	15.30	15.88	10.38	20.74	14.11	13.85	19.55	15.30	15.88	10.38	20.74	14.11	13.85	19.55	15.30	15.88	10.38	20.74	14.11	13.85	19.55	15.30
88	14.81	11.37	18.60	21.73	15.10	15.39	21.08	16.87	16.87	11.37	21.73	15.10	15.39	21.08	16.87	16.87	11.37	21.73	15.10	15.39	21.08	16.87	16.87	11.37	21.73	15.10	15.39	21.08	16.87
89	23.08	19.64	26.88	30.00	23.38	23.66	29.36	25.14	25.14	19.64	30.00	23.38	23.66	29.36	25.14	25.14	19.64	30.00	23.38	23.66	29.36	25.14	25.14	19.64	30.00	23.38	23.66	29.36	25.14
90	19.79	16.35	23.59	26.71	20.09	20.37	26.07	21.85	21.85	16.35	26.71	20.09	20.37	26.07	21.85	21.85	16.35	26.71	20.09	20.37	26.07	21.85	21.85	16.35	26.71	20.09	20.37	26.07	21.85
91	16.08	12.40	19.88	23.00	16.38	16.66	22.36	18.11	18.11	12.40	23.00	16.38	16.66	22.36	18.11	18.11	12.40	23.00	16.38	16.66	22.36	18.11	18.11	12.40	23.00	16.38	16.66	22.36	18.11
92	11.49	7.80	15.28	18.41	11.78	12.07	17.76	13.51	13.51	7.80	18.41	11.78	12.07	17.76	13.51	13.51	7.80	18.41	11.78	12.07	17.76	13.51	13.51	7.80	18.41	11.78	12.07	17.76	13.51
93	13.48	9.80	17.28	20.40	13.78	14.06	19.76	15.51	15.51	9.80	20.40	13.78	14.06	19.76	15.51	15.51	9.80	20.40	13.78	14.06	19.76	15.51	15.51	9.80	20.40	13.78	14.06	19.76	15.51
94	17.27	13.58	21.06	24.19	17.56	17.85	23.55	19.29	19.29	13.58	24.19	17.56	17.85	23.55	19.29	19.29	13.58	24.19	17.56	17.85	23.55	19.29	19.29	13.58	24.19	17.56	17.85	23.55	19.29
95	21.41	17.97	25.21	28.33	21.71	21.99	27.69	23.47	23.47	17.97	28.33	21.71	21.99	27.69	23.47	23.47	17.97	28.33	21.71	21.99	27.69	23.47	23.47	17.97	28.33	21.71	21.99	27.69	23.47
96	18.18	14.74	21.97	25.10	18.48	18.76	24.46	20.24	20.24	14.74	25.10	18.48	18.76	24.46	20.24	20.24	14.74	25.10	18.48	18.76	24.46	20.24	20.24	14.74	25.10	18.48	18.76	24.46	20.24
97	20.66	17.22	24.46	27.58	20.96	21.24	26.94	22.72	22.72	17.22	27.58	20.96	21.24	26.94	22.72	22.72	17.22	27.58	20.96	21.24	26.94	22.72	22.72	17.22	27.58	20.96	21.24	26.94	22.72
98	9.34	8.39	15.87	18.99	12.37	12.65	18.35	13.71	13.71	8.39	18.99	12.37	12.65	18.35	13.71	13.71	8.39	18.99	12.37	12.65	18.35	13.71	13.71	8.39	18.99	12.37	12.65	18.35	13.71
99	8.87	7.91	15.39	18.52	11.90	12.18	17.88	13.24	13.24	7.91	18.52	11.90	12.18	17.88	13.24	13.24	7.91	18.52	11.90	12.18	17.88	13.24	13.24	7.91	18.52	11.90	12.18	17.88	13.24
100	10.42	9.46	16.94	20.07	13.44	13.73	19.42	14.78	14.78	9.46	20.07	13.44	13.73	19.42	14.78	14.78	9.46	20.07	13.44	13.73	19.42	14.78	14.78	9.46	20.07	13.44	13.73	19.42	14.78
101	12.28	10.04	17.52	20.65	14.02	14.31	20.01	15.55	15.55	10.04	20.65	14.02	14.31	20.01	15.55	15.55	10.04	20.65	14.02	14.31	20.01	15.55	15.55	10.04	20.65	14.02	14.31	20.01	15.55
102	14.72	11.03	18.51	21.64	15.01	15.30	20.99	16.74	16.74	11.03	21.64	15.01	15.30	20.99	16.74	16.74	11.03	21.64	15.01	15.30	20.99	16.74	16.74	11.03	21.64	15.01	15.30	20.99	16.74
103	16.78	14.31	21.79	24.91	18.29	18.57	24.27	19.85	19.85	14.31	24.91	18.29	18.57	24.27	19.85	19.85	14.31	24.91	18.29	18.57	24.27	19.85	19.85	14.31	24.91	18.29	18.57	24.27	19.85
104	12.10	11.62	19.10	22.22	15.60	15.88	21.58	16.87	16.87	11.62	22.22	15.60	15.88	21.58	16.87	16.87	11.62	22.22	15.60	15.88	21.58	16.87	16.87	11.62	22.22	15.60	15.88	21.58	16.87
105	12.07	11.58	19.06	22.19	15.57	15.85	21.55	16.84	16.84	11.58	22.19	15.57	15.85	21.55	16.84	16.84	11.58	22.19	15.57	15.85	21.55	16.84	16.84	11.58	22.19	15.57	15.85	21.55	16.84
106	9.71	8.75	16.23	19.36	12.73	13.02	18.71	14.07	14.07	8.75	19.36	12.73	13.02	18.71	14.07	14.07	8.75	19.36	12.73	13.02	18.71	14.07	14.07	8.75	19.36	12.73	13.02	18.71	14.07
107	17.06	13.37	20.85	23.98	17.36	17.64	23.34	19.09	19.09	13.37	23.98	17.36	17.64	23.34	19.09	19.09	13.37	23.98	17.36	17.64	23.34	19.09	19.09	13.37	23.98	17.36	17.64	23.34	19.09
108	10.19	9.70	17.18	20.31	13.68	13.97	19.67	14.96	14.96	9.70	20.31	13.68	13.97	19.67	14.96	14.96	9.70	20.31	13.68	13.97	19.67	14.96	14.96	9.70	20.31	13.68	13.97	19.67	14.96
109	11.10	10.61	18.09	21.22	14.59	14.88	20.57	15.87	15.87	10.61	21.22	14.59	14.88	20.57	15.87	15.87	10.61	21.22	14.59	14.88	20.57	15.87	15.87	10.61	21.22	14.59	14.88	20.57	15.87
110	11.44	10.95	18.43	21.56	14.93	15.22	20.91	16.21	16.21	10.95	21.56	14.93	15.22	20.91	16.21	16.21	10.95	21.56	14.93	15.22	20.91	16.21	16.21	10.95	21.56	14.93	15.22	20.91	16.21
111	13.12	12.63	20.11	23.23	16.61	16.89	22.59	17.88	17.88	12.63	23.23	16.61	16.89	22.59	17.88	17.88	12.63	23.23	16.61	16.89	22.59	17.88	17.88	12.63	23.23	16.61	16.89	22.59	17.88
143	11.16	13.21	20.96	24.08	17.46	17.74	23.44	18.29	18.29	11.16	24.08	17.46	17.74	23.44	18.29	18.29	11.16	24.08	17.46	17.74	23.44	18.29	18.29	11.16	24.08	17.46	17.74	23.44	18.29
144	9.20	11.26	19.01	22.13	15.51	15.79	21.49	16.34	16.34	9.20	22.13	15.51	15.79	21.49	16.34	16.34	9.20	22.13	15.51	15.79	21.49	16.34	16.34	9.20	22.13	15.51	15.79	21.49	16.34

Table J-1: Locational Advantage

**Table J-2**  
**RESIDENTIAL GROWTH**  
**Southern Jones County**

TAZ	Housing Growth		Increase		% of all Growth	RANK
	Dwelling Units*		Number	Percent		
	2002	2006				
86	96	109	13	11.9%	3.976%	9
87	30	32	2	6.3%	0.612%	21
88	56	63	7	11.1%	2.141%	13
89	518	550	32	5.8%	9.786%	3
90	3	14	11	78.6%	3.364%	10
91	180	191	11	5.8%	3.364%	10
92	80	85	5	5.9%	1.529%	15
93	12	13	1	7.7%	0.306%	23
94	96	100	4	4.0%	1.223%	16
95	64	64	0	0.0%	0.000%	25
96	110	139	29	20.9%	8.869%	5
97	141	148	7	4.7%	2.141%	13
98	210	236	26	11.0%	7.951%	6
99	206	209	3	1.4%	0.917%	17
100	292	293	1	0.3%	0.306%	23
101	260	277	17	6.1%	5.199%	7
102	70	86	16	18.6%	4.893%	8
103	131	131	0	0.0%	0.000%	25
104	435	479	44	9.2%	13.456%	2
105	138	140	2	1.4%	0.612%	21
106	306	309	3	1.0%	0.917%	17
107	166	169	3	1.8%	0.917%	17
108	305	305	0	0.0%	0.000%	25
109	76	79	3	3.8%	0.917%	17
110	150	182	32	17.6%	9.786%	3
111	76	121	45	37.2%	13.761%	1
143	185	185	0	0.0%	0.000%	25
144	120	130	10	7.7%	3.058%	12
	4,512	4,839	327	6.8%	100.000%	
					Count =	28

\*Sources: 2002 -- 2000 CTPP plus building permits issued 2000-2002, Jones County.  
2006 -- 2002 plus building permits issued 2002-2006 Jones county

Table J-3  
**EXISTING LAND USE BY CATEGORY--2006 Estimated**  
 Southern Jones County

TAZ	Single Family	Duplex	Multi-Family	Commercial	Office	Industry	Semi-Public	Utility & Transportation	Agriculture & Forestry	Parks & Recreation	Vacant	Total Acres
86	376.3			23.8			157.4	22.9		657.0	1018.6	2,256.0
87	153.4						49.0	5.0			284.6	492.0
88	144.7						209.0	6.0		45.0	188.2	593.0
89	956.5						269.0	53.5		3992.4	3650.6	8,922.0
90	515.2							6.6		128.3	0.9	651.0
91	427.4			142.2			197.0	21.2	58.2	571.4	668.6	2,086.0
92	397.9			112.7			78.0	9.1			301.2	899.0
93	76.3						34.0	2.5			125.2	238.0
94	263.3			130.1			145.0	23.6	342.0	456.0	962.1	2,322.0
95	183.5						162.0	9.7	148.0	124.0	327.8	955.0
96	324.5						575.0	27.4	78.7	650.0	1048.4	2,704.0
97	259.4						95.0	6.4			268.2	629.0
98	310.6			23.8			181.4	7.5		45.0	173.6	742.0
99	140.2	1.0		12.3				6.6			-0.1	160.0
100	411.3	1.0	20.0					9.6			16.1	458.0
101	999.0	2.0	33.0	76.3			154.0	15.5		205.6	44.6	1,530.0
102	407.7			116.0			240.3	18.1	227.6	197.3	578.0	1,785.0
103	299.6						454.6	29.5	317.5	589.0	845.5	2,910.0
104	1457.0			9.7			374.3	17.0	45.0	97.0	23.2	1,680.0
105	309.4			58.5			50.6	6.4			134.1	635.0
106	318.0							3.5			25.5	347.0
107	794.9			10.8			293.3	47.3	612.0	334.0	599.6	2,692.0
108	184.7			13.1				9.4			26.8	234.0
109	141.2			32.5				3.6			178.6	356.0
110	471.8						24.0	6.7		21.0	137.5	661.0
111	706.8						77.0	14.1	387.0		357.1	1,542.0
143	391.7						121.0	9.6		400.0	472.7	1,395.0
144	458.8						17.0	11.5			59.7	547.0
<b>Total Acres</b>	11,881.2	4.0	53.0	762.0	0.0	456.0	3,609.0	410.0	2,216.0	8,513.0	12,516.9	40,421.0
												40,421.0

Source: Middle Georgia Regional Development Center.

Table J-3: Existing Land Use

Table J-4  
**RESIDENTIAL GROWTH ALLOCATIONS--2035**  
 Southern Jones County

TAZ	Allocation Score		Available Acres	Allocation Percentage	Sewer Availability	Acres Used	New Dwelling Units	New Households
	Location	Growth						
86	7	9	1,018.6	74.3%	25%	201.0	171	161
87	10	21	284.6	62.0%	25%	46.9	40	38
88	15	13	188.2	64.4%	25%	32.2	27	25
89	28	3	3,650.6	62.0%	25%	601.3	510	480
90	25	10	0.9	58.7%	25%	0.1	-	-
91	18	10	726.8	64.4%	25%	124.5	106	100
92	2	15	301.2	73.4%	25%	58.8	50	47
93	8	23	125.2	62.0%	25%	20.6	18	17
94	22	16	1,304.1	56.2%	25%	194.9	165	155
95	27	25	475.8	44.8%	25%	56.6	48	45
96	24	5	1,127.1	63.6%	25%	190.5	162	152
97	26	13	268.2	55.4%	25%	39.5	34	32
98	3	6	173.6	80.0%	25%	36.9	31	29
99	1	17	(0.1)	72.6%	25%	(0.0)	-	-
100	5	23	16.1	64.4%	25%	2.8	2	2
101	9	7	44.6	74.3%	25%	8.8	7	7
102	14	8	805.6	69.3%	25%	148.5	126	119
103	23	25	1,163.0	48.0%	25%	148.5	126	119
104	17	2	68.2	71.8%	25%	13.0	11	10
105	16	21	134.1	57.1%	25%	20.3	17	16
106	4	17	25.5	70.2%	25%	4.8	4	4
107	21	17	1,211.6	56.2%	25%	181.1	154	145
108	6	25	26.8	62.0%	25%	4.4	4	4
109	12	17	178.6	63.6%	25%	30.2	26	24
110	13	3	137.5	74.3%	25%	27.1	23	22
111	20	1	744.1	70.2%	25%	138.8	118	111
143	19	25	472.7	51.3%	25%	64.5	55	52
144	11	12	59.7	68.5%	25%	10.9	9	8
			14,732.9			2,407.4	2,044	1,924

Table J-4: Residential Growth Allocations

**Table J-5**  
**POPULATION AND HOUSEHOLDS BY TRAFFIC ZONE--2035**  
**Southern Jones County**

TAZ	Average Household Size		Total Households			Population -- 2035			
	2002	2035	2006	New	2035	Total in Households	Group Qtrs 2002	In Group Quarters	Total Population
86	2.30	2.172	109	161	270	587	-	-	587
87	2.60	2.457	32	38	70	172	-	-	172
88	2.33	2.201	63	25	88	194	-	-	194
89	2.75	2.605	550	480	1,030	2,683	-	-	2,683
90	2.75	2.605	14	-	14	36	-	-	36
91	2.56	2.420	191	100	291	704	-	-	704
92	1.94	1.834	85	47	132	242	-	-	242
93	1.94	1.834	13	17	30	55	-	-	55
94	2.60	2.462	100	155	255	628	70	234	862
95	2.91	2.752	64	45	109	300	30	100	400
96	2.49	2.358	139	152	291	686	-	-	686
97	2.75	2.605	148	32	180	469	-	-	469
98	2.45	2.318	236	29	265	614	-	-	614
99	2.57	2.429	209	-	209	508	-	-	508
100	2.63	2.487	293	2	295	734	-	-	734
101	2.76	2.608	277	7	284	741	-	-	741
102	2.61	2.463	86	119	205	505	97	324	829
103	2.28	2.151	131	119	250	538	-	-	538
104	2.59	2.446	479	10	489	1,196	-	-	1,196
105	2.54	2.399	140	16	156	374	-	-	374
106	2.23	2.113	309	4	313	661	-	-	661
107	2.79	2.640	169	145	314	829	-	-	829
108	2.17	2.050	305	4	309	633	-	-	633
109	2.74	2.594	79	24	103	267	32	107	374
110	2.56	2.418	182	22	204	493	-	-	493
111	2.61	2.470	121	111	232	573	108	361	934
143	2.60	2.455	185	52	237	582	-	-	582
144	2.91	2.752	130	8	138	380	-	-	380
	2.569	2.434	4,839	1,924	6,763	16,384	337	1,126	17,510

Table J-5: Population and Households by TAZ

**Table J-6**  
**NONRESIDENTIAL ALLOCATION FACTORS**  
**Southern Jones County**

TAZ	Locational Advantage:		Market Share: Acres Currently in Use				Percent of All Nonres	Rank Order
	Avg. Travel Times to All MATS TAZs	Rank Order	Commer- cial	Industrial	Total			
86	12.83	7	23.8		23.8	1.95%	11	
87	13.53	11					15	
88	14.47	17					15	
89	22.61	28					15	
90	19.34	25					15	
91	15.54	19	142.2		142.2	11.68%	2	
92	11.13	2	112.7		112.7	9.26%	5	
93	13.18	9					15	
94	16.85	22	130.1		130.1	10.68%	3	
95	20.95	27					15	
96	17.76	24					15	
97	20.20	26					15	
98	11.40	3	23.8		23.8	1.96%	10	
99	10.97	1	12.3		12.3	1.01%	13	
100	12.35	5					15	
101	13.06	8	76.3		76.3	6.27%	7	
102	14.19	13	116.0		116.0	9.52%	4	
103	17.28	23		374.3	374.3	30.73%	1	
104	14.37	14	9.7	31.1	40.8	3.35%	8	
105	14.40	15	58.5	50.6	109.1	8.96%	6	
106	11.72	4					15	
107	16.50	21	10.8		10.8	0.89%	14	
108	12.54	6	13.1		13.1	1.08%	12	
109	13.45	10	32.5		32.5	2.67%	9	
110	13.79	12					15	
111	15.45	18					15	
143	16.28	20					15	
144	14.42	16					15	
			762.0	456.0	1,218.0	100.00%		

Table J-6: Nonres Allocation Factors

Table J-7  
**Nonresidential Growth Allocations--2035**  
 Southern Jones County

TAZ	Allocation Score		Net Available Acres	Allocation Score Applicable		Allocation Percentage		Acres Used		New Floor Area (sq feet)		New Employees (by Land Use)		
	Location	Market		Comm	Industrial	Comm	Office	Comm	Office	Comm	Office	Comm	Office	Industrial
86	7	11	18	18	18	0.801%	0.422%	6.55	3.45	26,136	15,773	44	64	108
87	11	15	26	-	-	0.000%	0.000%	-	-	-	-	-	-	-
88	17	15	32	-	-	0.000%	0.000%	-	-	-	-	-	-	-
89	28	15	43	-	-	0.000%	0.000%	-	-	-	-	-	-	-
90	25	15	40	-	-	0.000%	0.000%	-	-	-	-	-	-	-
91	19	2	21	21	21	0.660%	0.347%	3.98	2.09	15,881	9,555	27	39	66
92	2	5	7	7	7	1.320%	0.694%	3.20	1.68	12,769	7,681	21	31	52
93	9	15	24	-	-	0.000%	0.000%	-	-	-	-	-	-	-
94	22	3	25	25	25	0.471%	0.248%	5.23	2.75	20,869	12,573	35	51	86
95	27	15	42	-	-	0.000%	0.000%	-	-	-	-	-	-	-
96	24	15	39	-	-	0.000%	0.000%	-	-	-	-	-	-	-
97	26	15	41	-	-	0.000%	0.000%	-	-	-	-	-	-	-
98	3	10	13	13	13	1.037%	0.546%	1.42	0.75	5,666	3,429	10	14	24
99	1	13	14	14	14	0.990%	0.521%	-	-	-	-	-	-	-
100	5	15	20	-	-	0.000%	0.000%	-	-	-	-	-	-	-
101	8	7	15	15	15	0.943%	0.496%	0.34	0.18	1,357	823	2	3	5
102	13	4	17	17	17	0.849%	0.448%	5.58	2.93	22,266	13,396	37	54	91
103	23	1	24	-	-	0.000%	0.000%	-	-	-	-	-	-	-
104	14	8	22	22	22	0.613%	0.322%	0.34	0.18	1,357	823	2	3	5
105	15	6	21	21	21	0.660%	0.347%	0.75	0.39	2,993	1,783	5	7	12
106	4	15	19	-	-	0.000%	0.000%	-	-	-	-	-	-	-
107	21	14	35	35	35	0.000%	0.000%	-	-	-	-	-	-	-
108	6	12	18	18	18	0.801%	0.422%	0.18	0.09	718	411	1	2	3
109	10	9	19	19	19	0.754%	0.397%	1.12	0.59	4,469	2,697	8	11	19
110	12	15	27	-	-	0.000%	0.000%	-	-	-	-	-	-	-
111	18	15	33	-	-	0.000%	0.000%	-	-	-	-	-	-	-
143	20	15	35	-	-	0.000%	0.000%	-	-	-	-	-	-	-
144	16	15	31	-	-	0.000%	0.000%	-	-	-	-	-	-	-
			12,325.5	28.69	15.08	7.67	114,481	68,944	38,618	192	279	66	537	

**Table J-8  
EMPLOYMENT INCREASE BY SECTOR IN EACH LAND USE CATEGORY  
Southern Jones County**

	Numerical Change	Percent of Sector			Number			Percent of Total				
		2006-2035			2006-2035			2006-2035				
		Retail Comm	Office	Industrial	Public	Retail Comm	Office	Industrial	Public	Retail Comm	Office	Industrial
Construction	145	0.00%	18.07%	18.07%	0.00%	0	26	26	0	0.00%	9.22%	39.39%
Services:												
T.C.U.	10	5.00%	20.94%	74.06%	0.00%	1	2	7	0			
F.I.R.E.	10	25.60%	74.40%	0.00%	0.00%	3	7	0	0			
Service Emp	345	24.20%	71.29%	4.50%	0.00%	84	246	16	0			
Subtotal--Services	365					88	255	23	0	44.90%	90.43%	34.85%
Manufacturing	1	0.00%	0.00%	100.00%	0.00%	0	0	1	0	0.00%	0.00%	1.52%
Wholesale Trade	4	0.00%	25.00%	75.00%	0.00%	0	1	3	0	0.00%	0.35%	4.55%
Retail Trade	121	89.13%	0.00%	10.87%	0.00%	108	0	13	0	55.10%	0.00%	19.70%
Public Services*	84	0.00%	0.00%	0.00%	100.00%	0	0	0	84	0.00%	0.00%	0.00%
	720					196	282	66	84	100.00%	100.00%	100.00%

Table J-8: Employment by Sector

**Table J-9**  
**EMPLOYMENT BY TRAFFIC ANALYSIS ZONE--2035\***  
 Southern Jones County

Land Use:	Percent of Land Use in Sector:			
	Const	Manuf	Wholesale	Retail
Retail/Commercial			55.10%	44.90%
Office	9.22%	0.35%		90.43%
Industrial	39.39%	1.52%	4.55%	34.85%
Public			19.70%	100.00%

TAZ	New Employees (by Land Use)					New Employees (by Sector)					Existing in 2006					New + Existing = Forecast 2035							
	Retail	Office	Industrial	Public	Converted into . . .	Manu-	Wholesale	Retail	Services**	Manu-	Wholesale	Retail	Services**	Manu-	Wholesale	Retail	Services**	Manu-	Wholesale	Retail	Services**	Total	
	Comm					facing				facing				facing				facing					
86	44	64	-	-	-	-	-	24	84	-	-	1	1	-	-	1	8	-	-	1	25	92	118
87	-	-	-	-	-	-	-	-	-	-	-	1	25	-	-	1	17	-	-	1	25	17	43
88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	31	31
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	-	-	-	-	152	152
91	27	39	-	-	-	-	-	15	51	-	-	7	-	-	-	13	-	-	-	7	15	64	86
92	21	31	-	-	-	-	-	12	42	-	3	18	-	-	-	27	-	-	-	3	30	69	102
93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	4	4
94	35	51	-	-	-	-	-	19	67	-	3	-	-	-	24	-	-	-	-	19	91	113	
95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	13	13
96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	8	8
97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	8	8
98	10	14	-	-	27	-	-	6	45	-	39	1	-	-	20	-	-	-	1	6	65	111	
99	-	-	-	-	-	-	-	-	-	-	-	-	10	-	41	-	-	-	-	10	41	51	51
100	-	-	-	-	-	-	-	-	-	(1)	-	1	37	-	27	-	-	-	1	37	27	64	64
101	2	3	-	-	-	-	-	1	4	-	-	-	34	-	62	-	-	-	-	34	62	101	101
102	37	54	-	-	-	-	-	21	72	-	6	3	53	-	65	-	-	-	3	74	137	220	
103	-	-	35	-	-	-	-	7	26	-	-	-	-	-	24	-	-	-	3	7	50	61	
104	2	3	8	-	-	-	-	3	10	-	-	1	4	-	16	-	-	-	1	7	26	34	
105	5	7	23	-	-	-	-	1	26	-	-	-	-	-	16	-	-	-	1	8	26	35	
106	-	-	-	-	-	-	-	-	-	-	3	-	-	-	12	-	-	-	-	4	12	19	19
107	-	-	-	-	-	-	-	-	-	-	-	-	16	-	33	-	-	-	-	16	33	49	49
108	1	2	-	-	-	-	-	1	2	-	-	-	27	-	33	-	-	-	-	28	35	63	63
109	8	11	-	-	-	-	-	4	15	-	-	-	-	-	-	-	-	-	-	4	15	19	19
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	8	8
111	-	-	-	57	-	-	-	-	57	-	3	3	4	-	200	-	-	-	3	4	257	264	264
143	-	-	-	-	-	-	-	-	-	-	3	-	-	-	8	-	-	-	-	-	-	8	8
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	192	279	66	84	-	4	121	501	854	54	21	233	854	54	25	354	1,355	1,788					

\*Not including agriculture, mining and itinerant construction employment. Contractors' offices and company facilities are included under "private services."  
 \*\*The "Services" category includes transportation/communications/utilities/finance/insurance/real estate, contractors' offices and other private service employment, and government employees.

## Section 4: Future School Enrollments

This Section presents school enrollment data for the base year 2006 for all schools in Macon-Bibb County and Jones County. This Section also presents an estimate of future school enrollments forecast for Macon-Bibb County and Jones County in the year 2035, and in the intervening years of 2010, 2015, 2020, 2025, 2030, and 2035.<sup>20</sup>

### Current School Enrollments

Table Sch-1 shows school enrollments for both public and private schools in Macon-Bibb County and in Jones County. Enrollments are shown for the year 2005-2006 and for the current school year of 2007-2008. School year 2005-2006 corresponds with the Base Year for the Transportation Plan—2006.

### Forecasted School-Aged Populations

The numbers of children between the ages of 5 and 17 that lived in Macon-Bibb County and Jones County in 2006 are shown on Table Sch-2.<sup>21</sup> The numbers for 2006 are also shown because of the importance of that year to the location of projected enrollments, as well as the horizon year of 2035 and the intervening years of 2010, 2015, 2020, 2025, 2030, and 2035. All of the figures are taken from the Woods & Poole<sup>22</sup> forecasts for the two jurisdictions except 2035, which are the results of “best fit” regressions against the W&P data by MATS staff.

Multipliers have also been calculated for the total number of children in the 5-17 age group. The multipliers represent the number of such children in 2010, 2015, 2020, 2025, 2030, and 2035 as a proportion of the total number in 2007-2008.

### School Enrollment Forecasts—K-12

A factor of critical importance to the allocation of K-12 school enrollments by location in the two counties is that the overall increase in school-aged children in the two jurisdictions is projected to grow by amounts well within the existing school capacities available. Thus, all of the projected increase is anticipated to be accommodated in existing schools and no new school construction or school closings are anticipated.

Table Sch-3 shows the year 2005-2006, the year 2007-2008 school enrollments and the projected enrollments in the public and private schools within Macon-Bibb County and in the Jones County portion of the MATS Planning Area.

The last assumption is that future school enrollments will vary at each school in proportion to the jurisdiction-wide changes in the school-aged population. This approach ignores the realities and variability of such factors as public school districting and cross-assignments, the continuing

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<sup>20</sup> None of the forecasts or findings in this report are to be interpreted as official positions of the Boards of Education of either county.

<sup>21</sup> While some children under 5 are enrolled in pre-K programs, and some children turn 18 while still in high school, the 5-17 group is considered indicative of future enrollments on a proportional basis.

<sup>22</sup> Woods & Poole Economics, Inc., Washington, D.C., 2003.

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"market attraction" of private schools and neighborhood gentrification. For transportation planning purposes, however, the resulting enrollments projected for each TAZ are reasonable.

### **Enrollments at Colleges and Universities**

There are four institutions of higher learning in the MATS Planning Area—all of which are located in Macon-Bibb County. Enrollment data for the year 2005-2006 and 2007-2008 are shown on Table Sch-1.

Two factors make projecting future enrollments for these institutions very problematical: the enrollment data for the past four years reflect a high degree of variability, and enrollments have a very limited relationship to local demand for such schools in terms of the number of residents by age category.

For the purposes of the Transportation Plan, it is recommended that the enrollment data for school year 2005-2006 be used for the base year, the horizon year and for all intervening years.

**Table Sch-1**  
**School Enrollments**  
**Bibb and Jones Counties**

Traffic Analysis Zones	School	Category	Capacity	Enrollment 2005-2006 School Year	Enrollment 2007-2008 School Year
<b>Elementary Schools</b>					
156	Alexander II Magnet School	Public	358	577	549
246	Agnes Barden Elementary	Public	514	425	431
138	Florence Bernd Elementary	Public	462	453	497
343	Brookdale Elementary	Public	620	433	419
177	Charles H. Bruce Elementary	Public	716	536	535
54	Maryland M. Burdell Elementary	Public	688	421	499
248	Minnie Burghard Elementary	Public	560	475	403
163	John W. Burke Elementary	Public	728	467	396
361	Sonny Carter Elementary	Public	800	555	535
59	Metta Danforth Primary School	Public	628	392	415
221	Eugenia Hamilton Elementary	Public	608	381	Not Listed
226	Maltilda Hartley Elementary	Public	688	319	471
202	John H. Heard Elementary	Public	536	518	538
283	Heritage Elementary	Public	900	866	825
169	Ingram/Pye Elementary	Public	822	345	332
67	Walter P. Jones Elementary	Public	431	410	459
340	McKibben Lane Elementary	Public	536	422	454
240	W. T. Morgan Elementary	Public	608	399	454
197	James H. Porter Elementary	Public	444	530	563
245	Jessie Rice Elementary	Public	546	511	520
349	Riley/Edison	Public	514	402	403
262	Skyview Elementary	Public	900	790	769
373	Springdale Elementary	Public	746	647	600
335	Rosa Taylor Elementary	Public	564	500	503
252	Union Elementary	Public	858	405	515
312	L. H. Williams Elementary	Public	678	391	341
Sub Total			14,471	12,655	12,897
<b>Middle Schools</b>					
59	Appling Middle School	Public	775	791	736
226	Ballard Hudson Middle School	Public	608	Closed	392
247	Bloomfield Middle School	Public	1,275	New	713
378	Howard Middle School	Public	1,275	1025	1062
233	McEvoy Middle School	Public	1,225	626	Not Listed
318	Miller Magnet Middle School	Public	1,275	735	747
199	Rutland Middle School	Public	1,275	1,136	1,013
269	Weaver Middle School	Public	1,275	972	944
Sub Total			8,983	5,285	5,607

Traffic Analysis				Enrollment	Enrollment
Zones	School	Category	Capacity	School Year	School Year
<b>High Schools</b>					
319	Central High School	Public	2,100	1,202	1,157
315	Hutching Vocational High School	Public	500	440	391
78	Northeast High School	Public	1,375	909	878
199	Rutland High School	Public	1,275	1059	1,189
233	Southwest High School	Public	1,225	949	942
269	Westside High School	Public	1,275	1782	1837
Sub Total			7,750	6,341	6,394
<b>Private Schools</b>					
65	Bethany Jr. Academy	Private	50	20	21
218	Central Fellowship Academy	Private	775	656	836
308	Covenant Academy	Private	175	143	111
361	First Presbyterian Day School	Private	960	939	871
249	Gilead Christian Academy	Private	475	246	243
223	M. A. Evans Grade School	Private	150	112	101
234	Middle Georgia Christian School	Private	15	102	215
351	Montessori of Macon	Private	55	52	63
152	Mount DeSales Academy	Private	500	686	603
167	Progressive Christian Academy	Private	400	472	472
376	St. Andrews Montessori Pre-School	Private	45	10	78
296	St. Joseph Catholic School	Private	300	336	337
305	St. Peter Claver School	Private	300	241	155
363	Strafford Academy	Private	1,000	889	936
375	Tattnall Square Academy	Private	850	827	845
202	Windsor Academy	Private	426	377	377
247	Woodfield Academy	Private	13	64	68
243	World Faith Christian Academy			New	17
Sub Total			6,489	6,172	6,349
<b>Colleges and Universities</b>					
256	Macon State College	Public	5,000	6,243	6,300
241	Macon Technical Institute	Public	1,425	1,800	1,800
161	Mercer University	Private	5,000	3,500	3,500
362	Wesleyan College	Private	500	707	606
Sub Total			11,925	12,250	12,206
<b>Jones County</b>					
98	Clifton Ridge	Public	1,050	560	534
111	Mattie Wells	Public	735	340	373
111	Wells Primary	Public	750	340	407
Sub Total			2,535	1,240	1,314

**Table Sch-2**  
**School-Aged Population--2006-2035**  
**Bibb and Jones Counties**

	2006	2008	2010	2015	2020	2025	2030	2035
<b>Bibb County</b>								
5 to 9 years old	11,578	11,996	12,462	12,876	12,879	12,689	12,582	12,915
10 to 14 years old	11,315	11,167	11,177	12,302	12,773	12,852	12,748	13,570
15 to 17 years old	6,920	6,754	6,535	6,550	7,221	7,503	5,076	6,082
5 to 17 years old	29,813	29,917	30,174	31,728	32,873	33,044	30,406	32,567
Multiplier x 2008*		base	1.0082	1.0601	1.0984	1.1041	1.0160	1.0882
<b>Jones County</b>								
5 to 9 years old	1,670	1,729	1,766	1,900	2,064	2,182	2,292	2,441
10 to 14 years old	1,888	1,783	1,678	1,790	1,939	2,122	2,237	2,336
15 to 17 years old	1,292	1,213	1,166	1,024	1,119	1,230	1,232	1,212
5 to 17 years old	4,850	4,725	4,610	4,714	5,122	5,534	5,761	5,989
Multiplier x 2008*		base	0.9614	0.9831	1.0682	1.1541	1.2015	1.2490

\*Target year population divided by 2004 population for all 5-17 year olds.  
Source: 2006-2030 - Woods & Poole Economics, 2006; 2035 - MATS projection.

**Table Sch-3**  
**School Enrollment Forecasts--2035**  
**Bibb County**

TAZ	School	Base Year	2008	2010	2015	2020	2025	2030	2035
<b>Public Elementary Schools</b>									
156	Alexander II Magnet School	577	549	554	582	603	606	558	597
246	Agnes Barden Elementary	425	431	435	457	473	476	438	469
138	Florence Bernd Elementary	453	497	501	527	546	549	505	541
343	Brookdale Elementary	433	419	422	444	460	463	426	456
177	Charles H. Bruce Elementary	536	535	539	567	588	591	544	582
54	Maryland M. Burdell Elementary	421	499	503	529	548	551	507	543
248	Minnie Burghard Elementary	475	403	406	427	443	445	409	439
163	John W. Burke Elementary	467	396	399	420	435	437	402	431
361	Sonny Carter Elementary	555	535	539	567	588	591	544	582
59	Metta Danforth Primary School	392	415	418	440	456	458	422	452
226	Maltilda Hartley Elementary	319	471	475	499	517	520	479	513
202	John H. Heard Elementary	518	538	542	570	591	594	547	585
283	Heritage Elementary	866	825	832	875	906	911	838	898
169	Ingram/Pye Elementary	345	332	335	352	365	367	337	361
67	Walter P. Jones Elementary	410	459	463	487	504	507	466	499
340	McKibben Lane Elementary	422	454	458	481	499	501	461	494
240	W. T. Morgan Elementary	399	454	458	481	499	501	461	494
197	James H. Porter Elementary	530	563	568	597	618	622	572	613
245	Jessie Rice Elementary	511	520	524	551	571	574	528	566
349	Riley/Edison	402	403	406	427	443	445	409	439
262	Skyview Elementary	790	769	775	815	845	849	781	837
373	Springdale Elementary	647	600	605	636	659	662	610	653
335	Rosa Taylor Elementary	500	503	507	533	552	555	511	547
252	Union Elementary	405	515	519	546	566	569	523	560
308	Vineville Academy	466	471	475	499	517	520	479	513
312	L. H. Williams Elementary	391	341	344	362	375	377	346	371
	<b>Sub Total</b>	<b>12,655</b>	<b>12,897</b>	<b>13,002</b>	<b>13,671</b>	<b>14,167</b>	<b>14,241</b>	<b>13,103</b>	<b>14,035</b>
<b>Public Middle Schools</b>									
59	Appling Middle School	791	736	742	780	808	813	748	801
226	Ballard Hudson Middle School	Closed	392	395	416	431	433	398	427
247	Bloomfield Middle School	New	713	719	756	783	787	724	776
378	Howard Middle School	1025	1062	1,071	1,126	1,167	1,173	1,079	1,156
318	Miller Magnet Middle School	735	747	753	792	821	825	759	813
199	Rutland Middle School	1,136	1,013	1,021	1,074	1,113	1,118	1,029	1,102
269	Weaver Middle School	972	944	952	1,001	1,037	1,042	959	1,027
	<b>Sub Total</b>	<b>4,659</b>	<b>5,607</b>	<b>5,653</b>	<b>5,945</b>	<b>6,160</b>	<b>6,191</b>	<b>5,696</b>	<b>6,102</b>

**Table Sch-3 - Continued**  
**School Enrollment Forecasts--2035**

**Bibb County**

TAZ	School	Base Year	2008	2010	2015	2020	2025	2030	2035
<b>Public High Schools</b>									
319	Central High School	1,202	1,157	1,167	1,227	1,271	1,277	1,175	1,259
315	Hutching Vocational High School	440	391	394	415	429	432	397	425
78	Northeast High School	909	878	885	931	964	969	892	955
199	Rutland High School	1059	1,189	1,199	1,261	1,306	1,313	1,208	1,294
233	Southwest High School	949	942	950	999	1,035	1,040	957	1,025
269	Westside High School	1782	1837	1,852	1,947	2,018	2,028	1,866	1,999
	Sub Total	6,341	6,394	6,447	6,780	7,023	7,059	6,495	6,957
<b>Private Schools</b>									
65	Bethany Jr. Academy	20	21	21	22	23	23	21	23
218	Central Fellowship Academy	656	836	843	886	918	923	849	910
308	Covenant Academy	143	111	112	118	122	123	113	121
361	First Presbyterian Day School	939	871	878	923	957	962	885	948
249	Gilead Christian Academy	246	243	245	258	267	268	247	264
234	Middle Georgia Christian School	112	101	102	107	111	112	103	110
223	M. A. Evans Grade School	102	215	217	228	236	237	218	234
351	Montessori of Macon	52	63	64	67	69	70	64	69
152	Mount DeSales Academy	686	603	608	639	662	666	613	656
167	Progressive Christian Academy	472	472	476	500	518	521	480	514
376	St. Andrews Montessori Pre-	10	78	79	83	86	86	79	85
296	St. Joseph Catholic School	336	337	340	357	370	372	342	367
305	St. Peter Claver School	241	155	156	164	170	171	157	169
363	Strafford Academy	889	936	944	992	1,028	1,033	951	1,019
375	Tattnall Square Academy	827	845	852	896	928	933	858	920
202	Windsor Academy	377	377	380	400	414	416	383	410
247	Woodfield Academy	64	68	69	72	75	75	69	74
243	World Faith Christian Academy	New	17	17	18	19	19	17	18
	Sub Total	6,172	6,349	6,403	6,730	6,973	7,010	6,449	6,911
	Multiplier x 2008**			1.0082	1.0601	1.0984	1.1041	1.0160	1.0882

\* Enrollment during 2005-2006 School Year.

\*\* Multiplier based on target year population divided by 2008 population for all 5-17 year olds as forecast by Wodds & Poole Economists

**Table Sch-4**  
**School Enrollment Forecasts--2035**  
**Jones County (part)**

TAZ	School	Base Year 2006*	2008	2010	2015	2020	2025	2030	2035
98	Clifton Ridge Middle School	560	534	513	525	570	616	642	667
111	Mattie Wells Elementary	340	373	359	367	398	430	448	466
111	Wells Primary	340	407	391	400	435	470	489	508
		1,240	1,314	1,263	1,292	1,403	1,516	1,579	1,641
	Multiplier x 2008**			0.9614	0.9831	1.0682	1.1541	1.2015	1.2490

\* Enrollment during 2005-2006 School Year.  
\*\* Multiplier based on target year population divided by 2008 population for all 5-17 year olds as forecast by Wodds & Poole Economists