

GEORGIA HEALTH POLICY CENTER



AT A CROSSROADS: EXPLORING TRANSPORTATION FOR OLDER GEORGIANS IN A RAPIDLY CHANGING LANDSCAPE

APPENDICES

November 2018

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Figure A2: Georgia Department of Community Health (DCH) Regions

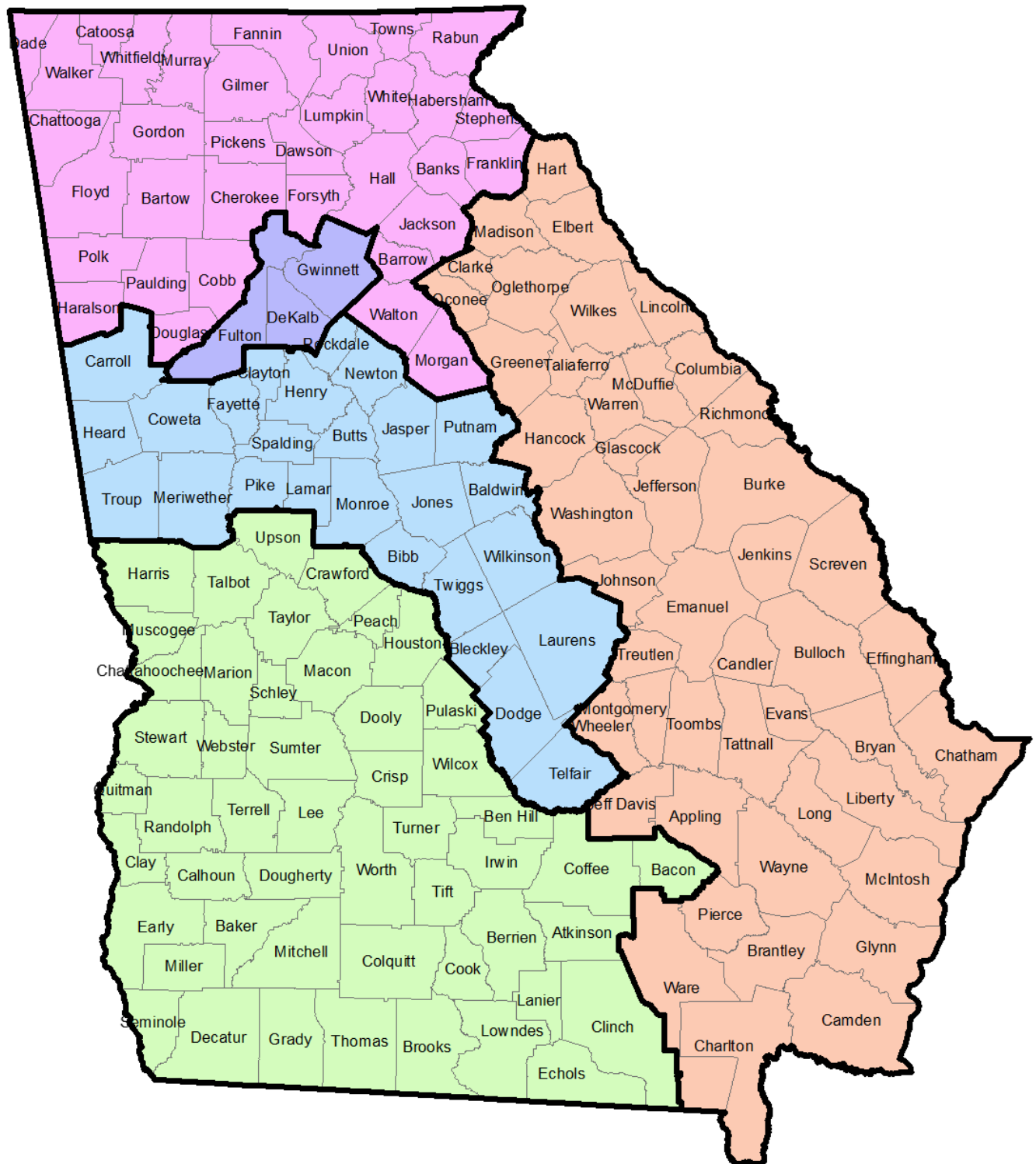
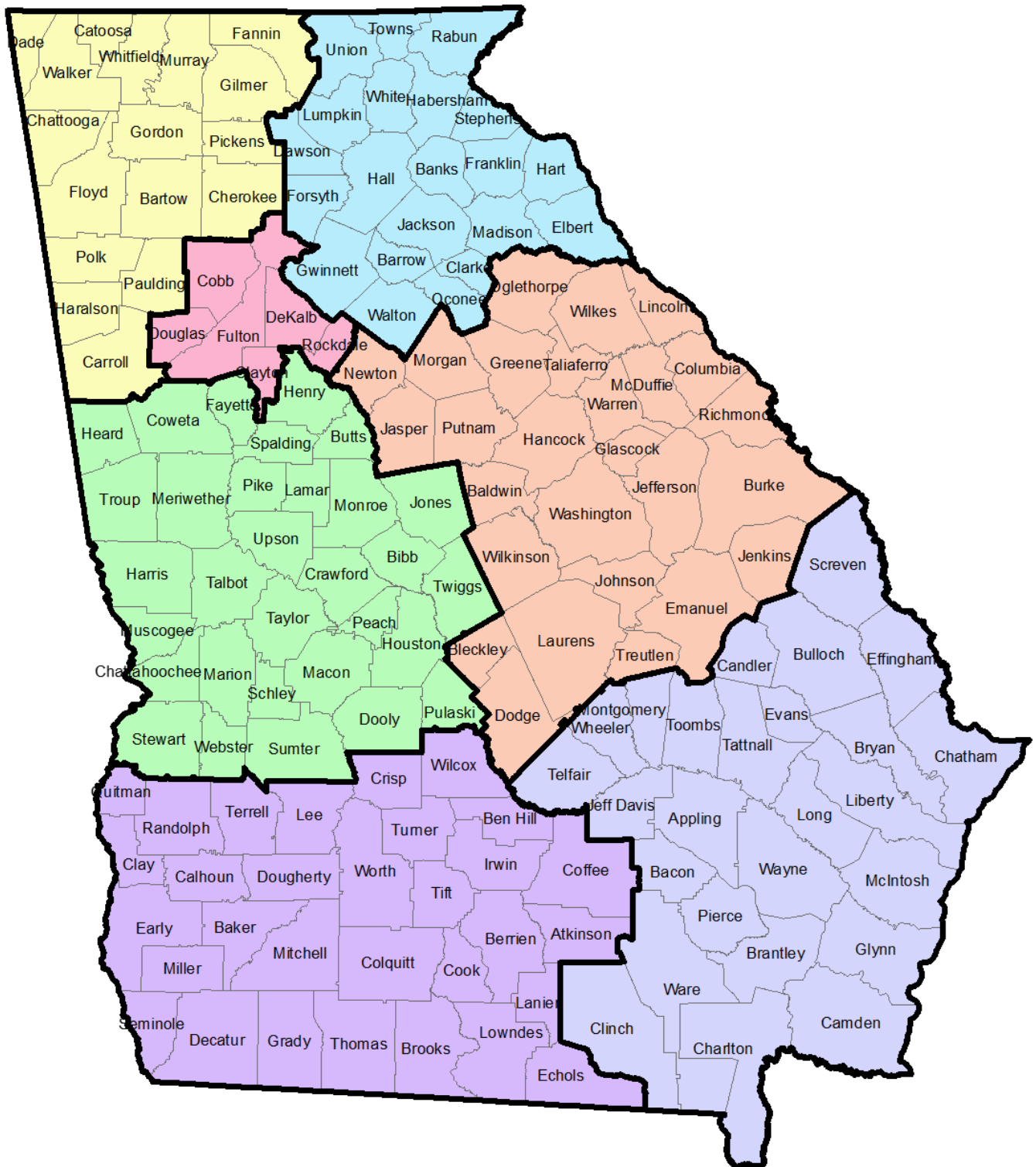


Figure A3: Georgia Department of Transportation (GDOT) Districts



APPENDIX B: REGIONAL PROFILE FOR NORTHWEST GEORGIA, DHS REGION 1

The Northwest Georgia region is comprised of 15 counties, as illustrated in Figure B1. In 2016, the 65 and older population living in the region totaled 125,220, 14% of the region's population. The region will experience an increase in the 65 and older population, a 53% percent change between 2016 and 2025, and a 37% increase between 2025 and 2040.

Figure B1: Northwest Georgia Region Counties

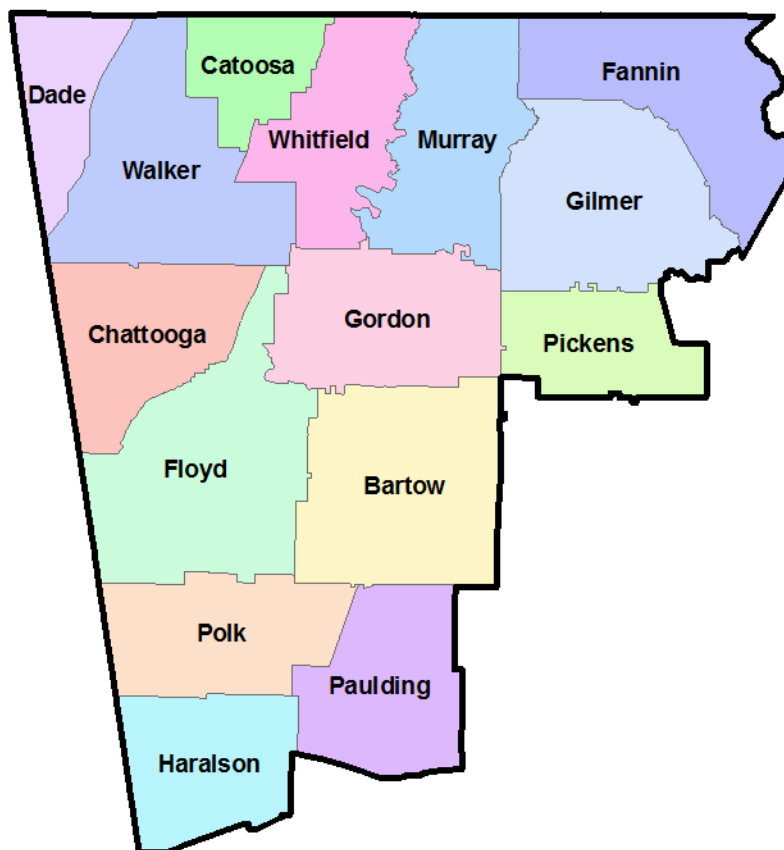


Table B1: Total Population 65 and Older by County, 2016, 2025, and 2040

COUNTY	2016	2025	2040
BARTOW COUNTY	12,947	20,897	29,903
CATOOSA COUNTY	10,372	14,964	20,040
CHATTOOGA COUNTY	4,032	6,004	7,209
DADE COUNTY	2,781	3,367	3,379
FANNIN COUNTY	6,148	8,350	8,821
FLOYD COUNTY	14,911	21,438	26,741
GILMER COUNTY	6,254	8,818	10,495
GORDON COUNTY	7,571	11,830	16,641
HARALSON COUNTY	4,529	6,830	9,055
MURRAY COUNTY	5,077	7,986	10,405
PAULDING COUNTY	13,784	26,415	50,766
PICKENS COUNTY	6,058	8,924	11,190
POLK COUNTY	6,107	9,353	11,748
WALKER COUNTY	11,380	16,826	20,718
WHITFIELD COUNTY	13,268	19,207	25,696
TOTAL	125,219	191,209	262,807

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table B2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

COUNTY	2016	2025	2040
BARTOW COUNTY	14.2%	20.0%	26.0%
CATOOSA COUNTY	15.1%	21.2%	26.2%
CHATTOOGA COUNTY	12.9%	19.7%	26.7%
DADE COUNTY	10.6%	18.5%	26.0%
FANNIN COUNTY	15.5%	22.0%	26.8%
FLOYD COUNTY	17.7%	22.4%	26.3%
GILMER COUNTY	15.2%	20.5%	26.7%
GORDON COUNTY	18.2%	24.0%	26.2%
HARALSON COUNTY	15.3%	22.2%	26.6%
MURRAY COUNTY	18.4%	26.0%	26.5%
PAULDING COUNTY	15.5%	21.4%	25.9%
PICKENS COUNTY	12.7%	19.6%	26.7%
POLK COUNTY	14.4%	20.2%	26.2%
WALKER COUNTY	14.4%	22.0%	26.7%
WHITFIELD COUNTY	19.2%	23.4%	26.0%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table B3: Population Change by Year and Age Group, Northwest Georgia Region

	POPULATION AGED 65 TO 74	POPULATION AGED 75 TO 84	POPULATION AGED 85 AND OLDER
2013	33,713	15,676	11,665
2014	34,868	16,633	11,892
2015	36,022	17,590	12,119
2016	37,177	18,547	12,345
2017	38,331	19,504	12,572
2018	39,486	20,461	12,799
2019	40,576	21,624	13,351
2020	41,666	22,788	13,904
2021	42,756	23,952	14,457
2022	43,846	25,115	15,009
2023	44,937	26,279	15,562
2024	45,869	27,263	16,437
2025	46,802	28,246	17,313
2030	49,978	33,035	22,256
2035	50,311	37,295	27,824
2040	49,530	39,906	33,254
2045	49,451	40,383	38,814
2050	51,708	40,084	43,619

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table B4: Percentage Change by Year and Age Group, Northwest Georgia Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	3.4%	3.3%	3.2%	3.1%	3.0%	2.8%	2.7%	2.6%	2.5%	2.5%	2.1%	2.0%	6.8%	0.7%	-1.6%	-0.2%	4.6%
Percentage change 75 to 84	-	6.1%	5.8%	5.4%	5.2%	4.9%	5.7%	5.4%	5.1%	4.9%	4.6%	3.7%	3.6%	17.0%	12.9%	7.0%	1.2%	-0.7%
Percentage change 85 or older	-	1.9%	1.9%	1.9%	1.8%	1.8%	4.3%	4.1%	4.0%	3.8%	3.7%	5.6%	5.3%	28.6%	25.0%	19.5%	16.7%	12.4%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table B5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Bartow	-	4.3%	4.2%	4.0%	3.8%	3.7%	3.9%	3.7%	3.6%	3.5%	3.4%	3.9%	3.7%	14.6%	6.3%	1.1%	-1.1%	0.8%
Catoosa	-	3.2%	3.1%	3.0%	3.0%	2.9%	2.6%	2.5%	2.5%	2.4%	2.4%	2.6%	2.5%	10.4%	5.9%	2.0%	-2.0%	0.1%
Chattooga	-	3.6%	3.5%	3.4%	3.2%	3.1%	2.9%	2.8%	2.8%	2.7%	2.6%	1.4%	1.3%	3.1%	-1.5%	-1.9%	-3.2%	-1.2%
Dade	-	1.8%	1.8%	1.8%	1.7%	1.7%	1.4%	1.3%	1.3%	1.3%	1.3%	0.0%	0.0%	-2.2%	-7.3%	-9.7%	-7.5%	-2.0%
Fannin	-	3.5%	3.4%	3.2%	3.1%	3.1%	1.0%	1.0%	1.0%	1.0%	1.0%	-0.2%	-0.2%	-3.1%	-6.3%	-7.2%	-7.1%	-2.2%
Floyd	-	4.0%	3.9%	3.7%	3.6%	3.5%	2.9%	2.8%	2.7%	2.6%	2.6%	1.6%	1.6%	5.2%	0.8%	-0.9%	-2.0%	0.5%
Gilmer	-	3.2%	3.1%	3.0%	3.0%	2.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.7%	0.7%	2.6%	0.2%	-1.8%	-2.2%	-0.2%
Gordon	-	4.4%	4.2%	4.0%	3.9%	3.7%	3.1%	3.0%	2.9%	2.8%	2.7%	2.6%	2.6%	11.9%	7.9%	1.9%	-2.0%	-1.8%
Haralson	-	3.4%	3.3%	3.2%	3.1%	3.0%	2.0%	2.0%	2.0%	1.9%	1.9%	2.2%	2.2%	10.1%	6.7%	-0.3%	-6.6%	-2.9%
Murray	-	4.3%	4.1%	3.9%	3.8%	3.6%	2.1%	2.1%	2.0%	2.0%	1.9%	2.5%	2.5%	10.1%	4.3%	-2.2%	-8.6%	-9.4%
Paulding	-	6.0%	5.6%	5.3%	5.1%	4.8%	5.6%	5.3%	5.0%	4.8%	4.6%	6.2%	5.8%	27.8%	21.6%	13.4%	5.6%	4.3%
Pickens	-	3.1%	3.0%	2.9%	2.9%	2.8%	1.2%	1.2%	1.2%	1.2%	1.1%	1.0%	1.0%	5.0%	3.4%	-0.1%	-0.9%	2.4%
Polk	-	3.8%	3.6%	3.5%	3.4%	3.3%	2.4%	2.4%	2.3%	2.3%	2.2%	2.2%	2.1%	7.2%	1.0%	-1.6%	-1.3%	1.8%
Walker	-	3.8%	3.6%	3.5%	3.4%	3.3%	3.3%	3.2%	3.1%	3.0%	2.9%	1.6%	1.6%	4.3%	-0.6%	-1.7%	-4.3%	-2.3%
Whitfield	-	3.5%	3.4%	3.2%	3.1%	3.0%	3.1%	3.0%	2.9%	2.8%	2.7%	2.6%	2.5%	10.7%	6.2%	0.9%	-3.6%	-2.4%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table B6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Bartow	-	7.0%	6.6%	6.2%	5.8%	5.5%	7.6%	7.1%	6.6%	6.2%	5.8%	4.3%	4.1%	20.8%	19.3%	14.3%	6.3%	1.4%
Catoosa	-	5.4%	5.2%	4.9%	4.7%	4.5%	4.9%	4.7%	4.5%	4.3%	4.1%	3.4%	3.3%	15.7%	13.5%	10.4%	6.1%	2.3%
Chattooga	-	6.3%	5.9%	5.6%	5.3%	5.0%	5.9%	5.5%	5.2%	5.0%	4.7%	3.7%	3.6%	17.0%	11.5%	3.6%	-0.7%	-0.9%
Dade	-	3.9%	3.8%	3.7%	3.5%	3.4%	2.4%	2.3%	2.3%	2.2%	2.2%	2.2%	2.2%	9.9%	5.8%	-0.9%	-6.9%	-8.5%
Fannin	-	5.8%	5.5%	5.2%	5.0%	4.7%	5.7%	5.4%	5.1%	4.9%	4.7%	3.7%	3.5%	12.9%	3.6%	-1.9%	-5.2%	-6.1%
Floyd	-	4.3%	4.2%	4.0%	3.8%	3.7%	4.8%	4.6%	4.4%	4.2%	4.0%	4.1%	4.0%	18.3%	12.5%	6.0%	1.5%	-0.2%
Gilmer	-	8.2%	7.5%	7.0%	6.6%	6.1%	6.1%	5.8%	5.4%	5.2%	4.9%	3.6%	3.5%	12.6%	5.6%	4.3%	1.9%	0.1%
Gordon	-	7.7%	7.2%	6.7%	6.3%	5.9%	6.5%	6.1%	5.8%	5.4%	5.2%	4.4%	4.2%	19.1%	14.7%	12.2%	8.2%	2.3%
Haralson	-	6.8%	6.4%	6.0%	5.6%	5.3%	6.4%	6.0%	5.6%	5.3%	5.1%	3.5%	3.4%	14.6%	11.0%	10.1%	6.7%	-0.1%
Murray	-	7.5%	7.0%	6.5%	6.1%	5.8%	7.1%	6.7%	6.2%	5.9%	5.6%	4.1%	4.0%	16.2%	11.4%	9.7%	4.2%	-2.1%
Paulding	-	9.4%	8.6%	7.9%	7.3%	6.8%	9.0%	8.3%	7.6%	7.1%	6.6%	5.9%	5.6%	28.7%	28.8%	27.2%	21.4%	13.4%
Pickens	-	10.5%	9.5%	8.7%	8.0%	7.4%	6.9%	6.4%	6.1%	5.7%	5.4%	3.5%	3.3%	13.0%	7.1%	6.2%	4.2%	0.9%
Polk	-	6.7%	6.3%	5.9%	5.6%	5.3%	6.6%	6.2%	5.8%	5.5%	5.2%	3.6%	3.5%	15.4%	11.2%	7.0%	1.4%	-1.0%
Walker	-	5.4%	5.2%	4.9%	4.7%	4.5%	5.6%	5.3%	5.0%	4.8%	4.6%	3.9%	3.8%	18.3%	13.0%	4.6%	-0.1%	-1.4%
Whitfield	-	5.5%	5.2%	4.9%	4.7%	4.5%	4.9%	4.7%	4.5%	4.3%	4.1%	3.5%	3.4%	16.5%	14.2%	10.7%	6.6%	1.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table B7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Bartow	-	0.9%	0.9%	0.9%	0.9%	0.9%	3.9%	3.8%	3.7%	3.5%	3.4%	5.8%	5.5%	31.7%	27.8%	21.7%	21.3%	14.8%
Catoosa	-	2.4%	2.4%	2.3%	2.3%	2.2%	4.9%	4.7%	4.5%	4.3%	4.1%	4.6%	4.4%	23.9%	21.5%	17.1%	15.6%	11.4%
Chattooga	-	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	2.0%	1.9%	1.9%	1.9%	1.8%	4.8%	4.6%	24.3%	22.0%	18.3%	13.7%	6.1%
Dade	-	2.7%	2.7%	2.6%	2.5%	2.5%	3.1%	3.0%	3.0%	2.9%	2.8%	3.2%	3.1%	14.2%	12.9%	12.4%	7.4%	0.6%
Fannin	-	3.7%	3.6%	3.5%	3.4%	3.2%	4.3%	4.1%	3.9%	3.8%	3.7%	5.5%	5.2%	27.3%	23.5%	14.9%	7.6%	2.2%
Floyd	-	0.4%	0.4%	0.4%	0.4%	0.4%	1.9%	1.9%	1.9%	1.8%	1.8%	3.6%	3.5%	19.9%	21.5%	19.1%	14.3%	8.4%
Gilmer	-	3.4%	3.3%	3.2%	3.1%	3.0%	6.7%	6.2%	5.9%	5.5%	5.3%	7.3%	6.8%	33.8%	26.0%	16.0%	10.9%	8.6%
Gordon	-	2.8%	2.7%	2.6%	2.5%	2.5%	5.4%	5.2%	4.9%	4.7%	4.5%	6.7%	6.3%	32.2%	26.8%	20.7%	17.0%	14.0%
Haralson	-	2.6%	2.6%	2.5%	2.5%	2.4%	4.6%	4.4%	4.2%	4.1%	3.9%	6.3%	5.9%	30.4%	24.1%	16.4%	14.0%	11.6%
Murray	-	3.0%	2.9%	2.8%	2.7%	2.7%	7.9%	7.3%	6.8%	6.4%	6.0%	6.2%	5.9%	34.0%	28.4%	17.1%	14.4%	10.8%
Paulding	-	3.9%	3.8%	3.7%	3.5%	3.4%	6.3%	5.9%	5.6%	5.3%	5.0%	8.6%	7.9%	42.5%	35.5%	29.4%	29.8%	26.9%
Pickens	-	2.0%	1.9%	1.9%	1.8%	1.8%	7.2%	6.7%	6.3%	5.9%	5.6%	8.8%	8.1%	38.6%	27.1%	17.0%	12.0%	9.4%
Polk	-	2.4%	2.3%	2.2%	2.2%	2.1%	4.5%	4.3%	4.2%	4.0%	3.8%	5.7%	5.4%	29.4%	24.3%	16.7%	13.9%	8.3%
Walker	-	1.9%	1.9%	1.8%	1.8%	1.8%	3.4%	3.3%	3.2%	3.1%	3.0%	4.8%	4.5%	24.7%	23.1%	19.6%	14.8%	6.6%
Whitfield	-	1.6%	1.6%	1.6%	1.5%	1.5%	3.8%	3.6%	3.5%	3.4%	3.3%	4.5%	4.3%	22.6%	20.2%	17.5%	15.6%	12.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table B8: FY 2018 Program Funding and Trips for Northwest Georgia, DHS Region 1

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Non-Urban/Rural	4,799	\$60,079.06
	5310 Small UZA	7,407	\$40,128.00
	SSBG Fed	7,424	\$66,718.50
	SSBG match	734	\$9,097.98
	SSBG (Offset)	0	(\$9,097.98)
	TTS SSBG	20,086	\$168,843.19
	Title III Fed	14,316	\$132,815.09
	Title III State	1,175	\$7,812.66
	Title III Match	1,631	\$15,625.30
	Title III (Offset)	0	(\$15,625.30)
	Total	57,572	\$476,396.50
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	29,807	\$438,893.00
Grand Total		87,379	\$915,289.50

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table B9: Medicaid Non-emergency Medical Transportation (NEMT) Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Bartow	21,335	2,233	435	111	\$810,128	\$43,488	10,820	2,846
Catoosa	11,216	1,456	167	75	\$418,955	\$23,080	2,322	1,149
Chattooga	7,117	1,065	179	48	\$268,973	\$20,511	3,865	618
Dade	2,805	556	31	11	\$99,874	\$9,482	750	382
Fannin	4,938	816	105	54	\$178,454	\$16,110	2,048	631
Floyd	23,756	3,003	965	347	\$921,575	\$68,624	16,123	5,749
Gilmer	6,053	771	95	37	\$233,688	\$12,810	2,115	799
Gordon	13,234	1,544	218	54	\$494,264	\$29,416	3,555	927
Haralson	7,382	1,008	256	102	\$286,016	\$20,998	5,549	1,058
Murray	10,614	1,323	158	52	\$391,640	\$20,555	3,265	1,031
Paulding	23,539	1,675	398	77	\$893,610	\$30,962	9,178	2,857
Pickens	5,683	763	110	52	\$208,567	\$14,784	2,201	852
Polk	12,306	1,437	498	178	\$485,681	\$31,458	12,250	3,617
Walker	14,523	2,172	371	134	\$552,575	\$42,689	7,184	2,038
Whitfield	25,465	2,672	487	185	\$931,244	\$53,925	12,749	5,253
Regional Total	189,965	22,492	4,473	1,517	\$7,175,243	\$438,893	93,974	29,807

Source: Authors' analysis of administrative data provided by DCH

Table B10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Bartow	10%	26%	5%	26%
Catoosa	13%	45%	6%	49%
Chattooga	15%	27%	8%	16%
Dade	20%	35%	9%	51%
Fannin	17%	51%	9%	31%
Floyd	13%	36%	7%	36%
Gilmer	13%	39%	5%	38%
Gordon	12%	25%	6%	26%
Haralson	14%	40%	7%	19%
Murray	12%	33%	5%	32%
Paulding	7%	19%	3%	31%
Pickens	13%	47%	7%	39%
Polk	12%	36%	6%	30%
Walker	15%	36%	8%	28%
Whitfield	10%	38%	6%	41%
Regional Percentage	12%	34%	6%	32%

Source: Authors' analysis of administrative data provided by DCH

Table B11: Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
City of Rome Transit Dept.	MB	\$0.60	0.29	\$70.83	34.2	\$2.07	\$0.45	\$685,678	\$2,359,818	1,138,769	33,319	499,985
City of Rome Transit Dept.	DR	\$2.25	0.17	\$36.13	2.7	\$13.58	\$2.89	\$57,438	\$346,681	25,528	9,596	117,256
City of Cedartown	DR	\$0.27	0.02	\$37.68	3.0	\$12.62	\$0.00	\$1,381	\$64,508	5,113	1,712	19,606
Haralson County Transit	DR	\$1.54	0.06	\$30.38	1.1	\$27.34	\$0.00	\$9,342	\$165,608	6,057	5,451	86,157
Gordon County Transit	DR	\$0.87	0.06	\$39.51	2.5	\$15.58	\$0.00	\$11,400	\$204,826	13,149	5,184	74,407
Gilmer County Transit System	DR	\$0.61	0.04	\$27.19	1.8	\$15.30	\$0.00	\$8,225	\$207,429	13,561	7,629	112,370
Paulding County	DR	\$0.00	0.00	\$32.86	1.7	\$19.36	\$0.00	\$0	\$287,246	14,837	8,742	149,353
Fannin County	DR	\$0.70	0.04	\$33.04	1.9	\$17.00	\$0.00	\$10,819	\$262,824	15,464	7,955	117,943
Pickens County	DR	\$1.17	0.09	\$36.37	2.8	\$12.87	\$0.00	\$20,101	\$221,950	17,247	6,102	79,480
Dade County Transit	DR	\$0.29	0.02	\$39.29	2.5	\$15.84	\$0.00	\$5,024	\$278,820	17,607	7,096	107,337
Catoosa County	DR	\$0.00	0.00	\$42.77	1.7	\$25.78	\$0.00	\$0	\$590,010	22,882	13,794	181,064
Walker County	DR	\$4.51	0.27	\$26.36	1.6	\$16.96	\$0.00	\$141,604	\$532,118	31,368	20,189	517,395
Bartow Transit	DR	\$0.66	0.05	\$29.11	2.1	\$13.74	\$0.00	\$23,374	\$487,019	35,442	16,729	232,600
Total								\$288,708	\$3,649,039	218,255	110,179	1,794,968

*Modes: bus mode (MB) and demand-response (DR) services. Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Northwest Georgia Area Agencies on Aging (AAA) staff were surveyed to gather information about facilitators and barriers to transportation access within the region. Services within the region are fairly concentrated within the city of Rome, while areas outside of the city limits have limited services, including sparse public transit.

- Highlights in service
 - Paratransit service is robust within the city of Rome.
 - Taxi services offered through coordinated transportation enabled clients to access services in other counties, but the program was discontinued due to cost.
- Barriers to service access
 - The most significant provider-reported unmet needs included:
 - Limited public transportation services and hours
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Inadequate demand response services
 - Cost of using public transit and affordability issues
 - Availability and/or accessibility of information about services
 - Frail elderly adults were identified as an underserved population, and it was noted that many lack informal support to reach key destinations, such as medical appointments.
 - Transportation across county line was also highlighted as major issue within the region, as most county transit agencies do not cross county lines.
 - This is particularly an issue for medical appointments with specialists, as many counties lack medical specialists, thus residents must travel outside of their county of residence to access treatment.

APPENDIX C: REGIONAL PROFILE FOR GEORGIA MOUNTAINS, DHS REGION 2

The Georgia Mountains region is comprised of 13 counties, as illustrated in Figure C1. In 2016, the 65 and older population living in the region totaled 102,743, 16% of the region's population. The region will experience a 49% percent change in the 65 and older population between 2016 and 2025, and a 54% increase between 2025 and 2040.

Figure C1: Georgia Mountains Region Counties

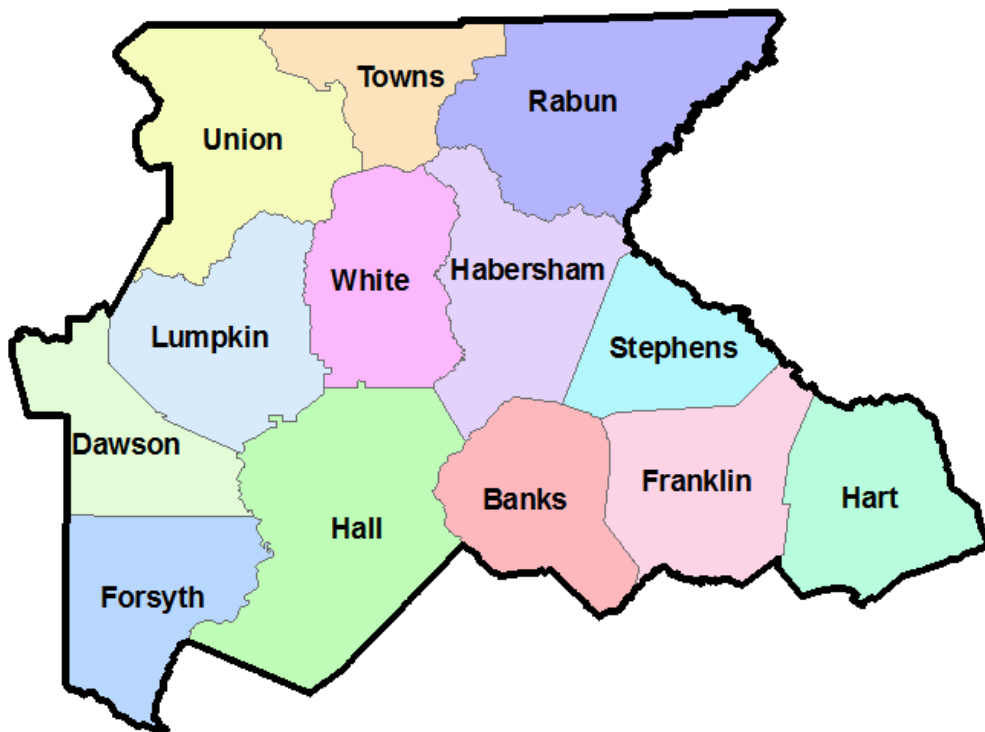


Table C1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Banks County	2,970	4,296	5,329
Dawson County	4,175	6,815	10,072
Forsyth County	22,626	39,036	81,258
Franklin County	4,260	5,523	6,490
Habersham County	7,739	10,985	15,205
Hall County	25,906	39,890	63,464
Hart County	5,180	6,694	7,361
Lumpkin County	4,913	6,748	8,029
Rabun County	4,160	5,268	5,704
Stephens County	4,656	6,259	6,727
Towns County	3,633	4,295	5,433
Union County	6,896	8,617	9,420
White County	5,628	8,187	10,311
Total	102,742	152,613	234,803

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table C2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Banks County	14.0%	20.6%	23.4%
Dawson County	14.0%	20.1%	23.5%
Forsyth County	15.8%	20.9%	22.9%
Franklin County	12.1%	17.9%	23.1%
Habersham County	17.7%	20.6%	23.2%
Hall County	15.3%	20.6%	23.0%
Hart County	16.2%	20.5%	23.5%
Lumpkin County	10.6%	16.5%	23.0%
Rabun County	14.8%	19.7%	23.7%
Stephens County	12.5%	17.6%	23.2%
Towns County	14.4%	20.2%	23.8%
Union County	12.7%	18.4%	23.8%
White County	14.7%	19.9%	23.7%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table C3: Population Change by Year and Age Group, Georgia Mountains Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	110,039	51,026	9,330
2014	116,142	54,184	9,551
2015	122,245	57,341	9,771
2016	128,347	60,499	9,991
2017	134,450	63,657	10,211
2018	140,553	66,814	10,432
2019	146,712	71,500	10,902
2020	152,870	76,187	11,372
2021	159,029	80,873	11,843
2022	165,188	85,559	12,313
2023	171,347	90,245	12,783
2024	178,205	95,261	13,562
2025	185,062	100,276	14,340
2030	217,251	125,490	18,638
2035	244,542	152,162	23,183
2040	264,833	178,907	27,525
2045	279,469	201,643	32,865
2050	300,559	218,998	38,841

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table C4: Percentage Change by Year and Age Group, Georgia Mountains Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	5.5%	5.3%	5.0%	4.8%	4.5%	4.4%	4.2%	4.0%	3.9%	3.7%	4.0%	3.8%	17.4%	12.6%	8.3%	5.5%	7.5%
Percentage change 75 to 84	-	6.2%	5.8%	5.5%	5.2%	5.0%	7.0%	6.6%	6.2%	5.8%	5.5%	5.6%	5.3%	25.1%	21.3%	17.6%	12.7%	8.6%
Percentage change 85 or older	-	2.4%	2.3%	2.3%	2.2%	2.2%	4.5%	4.3%	4.1%	4.0%	3.8%	6.1%	5.7%	30.0%	24.4%	18.7%	19.4%	18.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table C5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Banks	-	2.6%	2.5%	2.4%	2.4%	2.3%	1.5%	1.4%	1.4%	1.4%	1.4%	2.1%	2.0%	8.3%	3.6%	-2.3%	-7.4%	-6.8%
Dawson	-	3.7%	3.6%	3.5%	3.3%	3.2%	2.3%	2.3%	2.2%	2.2%	2.1%	3.5%	3.4%	14.1%	7.9%	4.1%	2.7%	6.1%
Forsyth	-	4.4%	4.2%	4.0%	3.9%	3.7%	4.7%	4.5%	4.3%	4.1%	3.9%	7.0%	6.5%	33.6%	28.8%	19.6%	10.8%	9.2%
Franklin	-	2.7%	2.6%	2.5%	2.5%	2.4%	1.7%	1.7%	1.6%	1.6%	1.6%	1.9%	1.9%	6.2%	-0.4%	-4.4%	-4.3%	0.0%
Habersham	-	2.6%	2.5%	2.5%	2.4%	2.4%	2.7%	2.6%	2.5%	2.5%	2.4%	2.5%	2.4%	9.9%	6.6%	5.4%	3.2%	5.2%
Hall	-	4.1%	4.0%	3.8%	3.7%	3.5%	3.5%	3.4%	3.3%	3.2%	3.1%	4.1%	4.0%	18.5%	13.6%	7.7%	3.5%	5.6%
Hart	-	1.7%	1.7%	1.6%	1.6%	1.6%	1.2%	1.2%	1.2%	1.2%	1.2%	0.9%	0.9%	3.0%	-0.6%	-5.6%	-7.2%	-0.7%
Lumpkin	-	2.5%	2.4%	2.4%	2.3%	2.2%	1.2%	1.1%	1.1%	1.1%	1.1%	1.2%	1.2%	3.8%	-0.1%	-2.4%	-2.1%	3.8%
Rabun	-	2.0%	1.9%	1.9%	1.9%	1.8%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	0.4%	0.4%	0.2%	-2.4%	-3.5%	-6.6%	-4.8%
Stephens	-	2.6%	2.5%	2.5%	2.4%	2.4%	1.1%	1.1%	1.1%	1.1%	1.1%	0.4%	0.4%	0.3%	-3.0%	-5.7%	-7.2%	-3.3%
Towns	-	1.0%	1.0%	1.0%	1.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	1.4%	6.7%	3.8%	-0.6%	-0.1%	4.9%
Union	-	1.0%	1.0%	1.0%	1.0%	0.9%	0.1%	0.1%	0.1%	0.1%	0.1%	0.8%	0.8%	2.3%	-2.2%	-6.2%	-5.2%	0.3%
White	-	2.4%	2.4%	2.3%	2.3%	2.2%	1.0%	1.0%	1.0%	1.0%	1.0%	2.1%	2.0%	8.0%	2.4%	-1.6%	-1.8%	1.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table C6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Banks	-	9.1%	8.4%	7.7%	7.2%	6.7%	8.2%	7.6%	7.0%	6.6%	6.2%	2.4%	2.4%	10.4%	9.0%	8.3%	3.3%	-2.8%
Dawson	-	10.9%	9.8%	9.0%	8.2%	7.6%	9.4%	8.6%	7.9%	7.4%	6.9%	4.0%	3.8%	17.1%	15.6%	14.8%	8.4%	4.9%
Forsyth	-	9.3%	8.5%	7.9%	7.3%	6.8%	7.8%	7.3%	6.8%	6.3%	6.0%	4.5%	4.3%	22.8%	28.4%	33.1%	28.6%	20.0%
Franklin	-	4.1%	4.0%	3.8%	3.7%	3.6%	4.6%	4.4%	4.2%	4.0%	3.9%	2.8%	2.7%	11.9%	9.4%	6.3%	-0.2%	-3.7%
Habersham	-	5.8%	5.5%	5.2%	5.0%	4.7%	5.0%	4.7%	4.5%	4.3%	4.1%	3.1%	3.0%	15.2%	14.4%	11.3%	8.0%	6.6%
Hall	-	6.0%	5.6%	5.3%	5.1%	4.8%	6.7%	6.3%	5.9%	5.6%	5.3%	4.3%	4.1%	20.2%	19.9%	19.2%	14.6%	8.9%
Hart	-	4.7%	4.5%	4.3%	4.1%	3.9%	4.2%	4.1%	3.9%	3.8%	3.6%	1.8%	1.8%	8.0%	5.7%	3.3%	-0.2%	-5.2%
Lumpkin	-	7.9%	7.3%	6.8%	6.4%	6.0%	7.2%	6.7%	6.3%	5.9%	5.6%	3.0%	2.9%	11.9%	7.9%	5.2%	1.2%	-0.8%
Rabun	-	6.6%	6.2%	5.8%	5.5%	5.2%	5.8%	5.5%	5.2%	4.9%	4.7%	2.2%	2.1%	5.8%	1.0%	1.9%	-1.1%	-2.5%
Stephens	-	5.4%	5.1%	4.9%	4.7%	4.4%	5.2%	4.9%	4.7%	4.5%	4.3%	2.6%	2.5%	10.2%	4.7%	0.5%	-2.7%	-5.6%
Towns	-	4.4%	4.2%	4.1%	3.9%	3.8%	3.2%	3.1%	3.0%	2.9%	2.8%	2.2%	2.2%	9.5%	9.1%	10.4%	5.9%	1.9%
Union	-	7.3%	6.8%	6.3%	6.0%	5.6%	4.3%	4.1%	3.9%	3.8%	3.7%	1.6%	1.6%	5.8%	3.7%	3.6%	-0.8%	-4.2%
White	-	7.6%	7.0%	6.6%	6.2%	5.8%	6.4%	6.0%	5.7%	5.4%	5.1%	2.8%	2.7%	10.9%	8.9%	9.3%	3.7%	0.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table C7: Percentage Change AGED 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Banks	-	3.1%	3.0%	2.9%	2.8%	2.8%	5.7%	5.4%	5.1%	4.9%	4.6%	8.7%	8.0%	40.3%	25.1%	12.8%	12.0%	8.1%
Dawson	-	12.8%	11.4%	10.2%	9.3%	8.5%	9.2%	8.5%	7.8%	7.2%	6.7%	11.6%	10.4%	51.2%	34.0%	21.7%	20.2%	16.0%
Forsyth	-	3.0%	2.9%	2.9%	2.8%	2.7%	6.1%	5.7%	5.4%	5.1%	4.9%	7.9%	7.3%	36.9%	28.9%	24.2%	29.1%	31.2%
Franklin	-	0.6%	0.6%	0.6%	0.6%	0.6%	2.8%	2.8%	2.7%	2.6%	2.5%	3.6%	3.5%	19.9%	18.4%	13.1%	11.5%	7.2%
Habersham	-	3.6%	3.5%	3.4%	3.3%	3.2%	4.9%	4.7%	4.4%	4.3%	4.1%	5.6%	5.3%	26.4%	21.6%	18.4%	17.4%	13.5%
Hall	-	1.4%	1.4%	1.4%	1.3%	1.3%	3.3%	3.2%	3.1%	3.0%	2.9%	5.1%	4.8%	27.8%	26.3%	22.2%	22.9%	20.5%
Hart	-	1.6%	1.6%	1.5%	1.5%	1.5%	2.7%	2.7%	2.6%	2.5%	2.5%	4.0%	3.9%	19.2%	14.5%	9.9%	8.0%	4.5%
Lumpkin	-	3.1%	3.0%	2.9%	2.8%	2.7%	4.5%	4.3%	4.1%	3.9%	3.8%	6.7%	6.3%	33.2%	24.9%	15.7%	12.2%	7.0%
Rabun	-	1.2%	1.2%	1.2%	1.1%	1.1%	4.9%	4.7%	4.5%	4.3%	4.1%	5.0%	4.8%	26.6%	20.5%	9.0%	6.9%	4.7%
Stephens	-	1.6%	1.6%	1.6%	1.6%	1.5%	3.3%	3.2%	3.1%	3.0%	2.9%	5.0%	4.7%	24.5%	18.9%	11.4%	7.0%	2.1%
Towns	-	2.6%	2.5%	2.5%	2.4%	2.4%	4.2%	4.0%	3.9%	3.7%	3.6%	3.9%	3.8%	20.1%	19.7%	16.7%	15.0%	12.9%
Union	-	1.2%	1.2%	1.1%	1.1%	1.1%	5.0%	4.8%	4.5%	4.4%	4.2%	5.7%	5.4%	24.6%	16.3%	10.0%	8.2%	6.0%
White	-	3.9%	3.7%	3.6%	3.5%	3.3%	5.1%	4.8%	4.6%	4.4%	4.2%	7.4%	6.9%	33.5%	24.0%	15.4%	13.9%	11.9%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table C8: FY 2018 Program Funding and Trips for Georgia Mountains, DHS Region 2

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Non-Urban/Rural	10,323	\$109,244.00
	5310 UZA	7,406	\$87,734.97
	5310 Large UZA	6,894	\$67,799.60
	SSBG Fed	8,275	\$130,054.69
	SSBG match	1,047	\$17,734.73
	SSBG (Offset)	0	(\$17,734.73)
	TTS SSBG	15,980	\$127,273.32
	Title III Fed	22,488	\$251,631.56
	Title III State	1,464	\$14,801.86
	Title III Match	2,091	\$29,603.69
	Title III (Offset)	0	(\$29,603.69)
	Total	75,968	\$788,540.00
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	22,093	\$287,865
Grand Total		98,061	\$1,076,405

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table C9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Banks	3,651	613	86	46	\$129,640	\$10,213	1,566	1,128
Dawson	3,653	429	47	14	\$134,748	\$8,367	1,244	636
Forsyth	14,970	1,473	182	79	\$558,644	\$36,274	5,529	2,897
Franklin	6,139	920	233	91	\$231,349	\$18,920	3,615	1,051
Habersham	9,182	1,266	198	64	\$341,856	\$21,883	3,466	921
Hall	39,326	3,583	724	217	\$1,550,827	\$74,397	13,986	4,619
Hart	5,806	909	259	101	\$297,882	\$23,771	2,456	838
Lumpkin	4,868	785	161	91	\$177,790	\$15,449	4,249	2,730
Rabun	3,507	641	97	38	\$122,820	\$11,884	1,814	421
Stephens	7,826	1,290	339	95	\$299,083	\$26,325	10,610	2,641
Towns	1,771	404	100	71	\$61,060	\$9,534	1,353	806
Union	3,929	704	210	135	\$144,417	\$14,866	4,201	2,508
White	5,236	851	128	58	\$190,236	\$15,984	1,824	897
Regional Total	109,865	13,868	2,764	1,100	\$4,240,353	\$287,865	55,913	22,093

Source: Authors' analysis of administrative data provided by DCH

Table C10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Banks	17%	53%	8%	72%
Dawson	12%	30%	6%	51%
Forsyth	10%	43%	6%	52%
Franklin	15%	39%	8%	29%
Habersham	14%	32%	6%	27%
Hall	9%	30%	5%	33%
Hart	16%	39%	8%	34%
Lumpkin	16%	57%	9%	64%
Rabun	18%	39%	10%	23%
Stephens	16%	28%	9%	25%
Towns	23%	71%	16%	60%
Union	18%	64%	10%	60%
White	16%	45%	8%	49%
Regional Percentage	13%	40%	7%	40%

Source: Authors' analysis of administrative data provided by DCH

Table C11: Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Passenger Miles	Vehicle Revenue Miles
Towns County	DR	\$5.33	0.20	\$23.17	0.9	\$26.55	\$0.00	\$17,161	\$85,458	3,219	3,688	0	44,354
Banks County Transit	DR	\$2.29	0.09	\$24.11	1.0	\$24.99	\$0.00	\$7,959	\$86,779	3,472	3,600	0	53,326
Union County Transit	DR	\$4.68	0.33	\$14.24	1.0	\$14.03	\$0.00	\$18,426	\$55,232	3,937	3,879	0	30,985
Habersham County Transit	DR	\$0.85	0.07	\$25.32	2.1	\$11.79	\$0.00	\$6,016	\$83,919	7,115	3,314	0	55,859
Hart County Public Transit	DR	\$0.42	0.04	\$26.07	2.7	\$9.68	\$0.00	\$4,262	\$99,026	10,228	3,799	0	57,508
Rabun County	DR	\$1.27	0.08	\$21.19	1.3	\$16.13	\$0.00	\$13,686	\$174,376	10,809	8,229	0	89,702
Hall Area Transit	DR	\$1.26	0.05	\$54.92	2.4	\$23.13	\$0.00	\$33,950	\$623,718	26,969	11,356	0	179,372

*Mode: bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.
Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Georgia Mountains AAA staff were surveyed about effective transportation strategies and barriers to transportation access within the region. The Georgia Mountains region is fairly diverse with respect to service availability and access. The region includes relatively well-resourced areas, such as Forsyth County and the city of Gainesville, as well as highly rural areas with very limited access to services.

- Highlights in service
 - Independent Transportation Network Lanier is a successful volunteer program that serves the Gainesville area.
 - The program allows individuals who volunteer to bank credits for future use or toward services for another rider.
 - Services are door-to-door.
- Barriers to service access
 - The most significant provider-reported unmet needs included:
 - Cost of using public transit and affordability issues
 - Availability and/or accessibility of information about services
 - Limited public transportation services and hours
 - Inadequate demand response services.
 - Older adults who live in remote areas were identified as an underserved population.

APPENDIX D: REGIONAL PROFILE FOR ATLANTA, DHS REGION 3

The Atlanta region is comprised of 10 counties, as illustrated in Figure D1. In 2016, the 65 and older population living in the region totaled 443,748, 10% of the region's population. The region will experience the greatest increase in the 65 and older population, a 77% percent change between 2016 and 2025, and a 61% increase between 2025 and 2040.

Figure D1: Atlanta Region Counties



Table D1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Cherokee County	27,445	49,833	91,431
Clayton County	22,162	39,783	60,107
Cobb County	77,209	136,230	213,664
DeKalb County	73,838	122,037	171,921
Douglas County	14,381	26,348	42,124
Fayette County	17,519	29,588	41,977
Fulton County	103,663	173,070	282,752
Gwinnett County	74,311	150,561	272,256
Henry County	22,274	39,522	65,544
Rockdale County	10,946	18,059	23,983
Total	443,748	785,032	1,265,761

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table D2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Cherokee County	11.9%	16.8%	22.5%
Clayton County	8.2%	13.6%	19.1%
Cobb County	10.6%	16.5%	23.0%
DeKalb County	10.2%	15.6%	20.8%
Douglas County	10.4%	15.5%	19.5%
Fayette County	16.0%	24.9%	33.1%
Fulton County	10.4%	14.5%	19.5%
Gwinnett County	8.5%	13.9%	19.8%
Henry County	10.4%	14.9%	19.3%
Rockdale County	12.5%	17.8%	20.5%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table D3: Population Change by Year and Age Group, Atlanta Regional Commission (ARC) Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	753,472	349,222	45,522
2014	791,713	370,802	45,547
2015	829,954	392,383	45,572
2016	868,196	413,964	45,597
2017	906,437	435,545	45,622
2018	944,678	457,125	45,647
2019	980,766	488,466	46,836
2020	1,016,853	519,807	48,026
2021	1,052,940	551,148	49,216
2022	1,089,027	582,489	50,406
2023	1,125,114	613,830	51,596
2024	1,161,805	645,451	54,355
2025	1,198,496	677,072	57,115
2030	1,358,494	832,077	75,056
2035	1,466,379	983,065	100,795
2040	1,528,004	1,115,874	129,998
2045	1,568,129	1,207,752	161,333
2050	1,644,457	1,264,945	190,828

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table D4: Percentage Change by Year and Age Group, ARC Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	5.1%	4.8%	4.6%	4.4%	4.2%	3.8%	3.7%	3.5%	3.4%	3.3%	3.3%	3.2%	13.3%	7.9%	4.2%	2.6%	4.9%
Percentage change 75 to 84	-	6.2%	5.8%	5.5%	5.2%	5.0%	6.9%	6.4%	6.0%	5.7%	5.4%	5.2%	4.9%	22.9%	18.1%	13.5%	8.2%	4.7%
Percentage change 85 or older	-	0.1%	0.1%	0.1%	0.1%	0.1%	2.6%	2.5%	2.5%	2.4%	2.4%	5.3%	5.1%	31.4%	34.3%	29.0%	24.1%	18.3%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table D5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Cherokee	-	6.4%	6.0%	5.7%	5.3%	5.1%	4.6%	4.4%	4.2%	4.0%	3.9%	5.5%	5.2%	24.3%	18.5%	12.7%	7.6%	8.1%
Clayton	-	7.5%	7.0%	6.5%	6.1%	5.8%	5.9%	5.6%	5.3%	5.0%	4.8%	3.8%	3.7%	15.3%	8.1%	2.6%	0.5%	2.4%
Cobb	-	7.0%	6.5%	6.1%	5.8%	5.5%	4.9%	4.6%	4.4%	4.2%	4.1%	4.1%	3.9%	16.4%	9.5%	5.3%	2.5%	2.7%
DeKalb	-	7.5%	6.9%	6.5%	6.1%	5.7%	4.3%	4.1%	3.9%	3.8%	3.6%	2.4%	2.3%	9.8%	6.0%	3.8%	3.0%	4.5%
Douglas	-	6.2%	5.9%	5.5%	5.2%	5.0%	4.8%	4.6%	4.4%	4.2%	4.0%	4.1%	3.9%	17.3%	11.9%	7.2%	3.6%	5.1%
Fayette	-	5.3%	5.0%	4.8%	4.6%	4.4%	4.5%	4.3%	4.1%	3.9%	3.8%	3.6%	3.4%	13.5%	4.7%	-3.3%	-8.2%	-4.7%
Fulton	-	6.6%	6.2%	5.9%	5.5%	5.2%	5.0%	4.8%	4.6%	4.4%	4.2%	4.2%	4.0%	18.0%	12.9%	9.1%	7.2%	9.5%
Gwinnett	-	8.4%	7.8%	7.2%	6.7%	6.3%	6.7%	6.2%	5.9%	5.6%	5.3%	5.6%	5.3%	23.3%	14.9%	9.4%	5.8%	5.6%
Henry	-	5.8%	5.5%	5.2%	4.9%	4.7%	4.7%	4.5%	4.3%	4.2%	4.0%	4.8%	4.6%	21.4%	14.8%	7.4%	2.2%	3.8%
Rockdale	-	6.2%	5.8%	5.5%	5.2%	4.9%	3.5%	3.4%	3.3%	3.2%	3.1%	2.0%	2.0%	7.9%	4.2%	1.8%	0.6%	4.4%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table D6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Cherokee	-	9.0%	8.2%	7.6%	7.1%	6.6%	10.9%	9.8%	9.0%	8.2%	7.6%	6.4%	6.0%	28.2%	25.6%	24.4%	18.9%	13.4%
Clayton	-	6.5%	6.1%	5.8%	5.5%	5.2%	7.8%	7.3%	6.8%	6.3%	6.0%	7.2%	6.8%	32.6%	23.8%	14.6%	7.4%	2.3%
Cobb	-	6.9%	6.4%	6.0%	5.7%	5.4%	8.9%	8.2%	7.6%	7.0%	6.6%	6.8%	6.4%	29.4%	22.1%	15.8%	9.1%	5.0%
DeKalb	-	4.7%	4.4%	4.3%	4.1%	3.9%	7.4%	6.9%	6.4%	6.1%	5.7%	7.3%	6.8%	28.9%	16.8%	9.6%	5.8%	3.7%
Douglas	-	10.9%	9.8%	8.9%	8.2%	7.6%	9.2%	8.4%	7.8%	7.2%	6.7%	5.9%	5.6%	26.4%	20.8%	15.5%	10.6%	6.3%
Fayette	-	8.2%	7.5%	7.0%	6.6%	6.2%	8.8%	8.1%	7.5%	6.9%	6.5%	5.3%	5.1%	24.6%	19.8%	13.2%	5.0%	-2.5%
Fulton	-	5.6%	5.3%	5.0%	4.8%	4.6%	7.2%	6.7%	6.3%	5.9%	5.6%	6.6%	6.2%	29.3%	23.3%	18.1%	12.9%	9.2%
Gwinnett	-	8.0%	7.4%	6.9%	6.5%	6.1%	9.9%	9.0%	8.3%	7.6%	7.1%	8.1%	7.5%	36.6%	29.9%	22.5%	14.9%	9.8%
Henry	-	9.0%	8.2%	7.6%	7.1%	6.6%	8.2%	7.6%	7.0%	6.6%	6.2%	5.5%	5.3%	25.2%	22.1%	19.5%	13.4%	6.5%
Rockdale	-	6.6%	6.2%	5.8%	5.5%	5.2%	7.7%	7.1%	6.6%	6.2%	5.9%	5.9%	5.6%	23.4%	12.9%	6.9%	3.8%	1.7%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table D7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Cherokee	-	1.3%	1.3%	1.3%	1.2%	1.2%	4.4%	4.2%	4.0%	3.9%	3.7%	8.0%	7.4%	45.1%	40.3%	29.7%	29.3%	25.9%
Clayton	-	1.8%	1.8%	1.7%	1.7%	1.7%	3.2%	3.1%	3.0%	2.9%	2.9%	5.4%	5.1%	29.9%	33.6%	31.0%	23.6%	15.5%
Cobb	-	0.4%	0.4%	0.4%	0.4%	0.4%	3.1%	3.0%	2.9%	2.9%	2.8%	5.5%	5.2%	33.3%	35.7%	28.5%	23.6%	16.9%
DeKalb	-	-0.9%	-0.9%	-0.9%	-0.9%	-0.9%	1.1%	1.1%	1.0%	1.0%	1.0%	3.4%	3.3%	23.4%	31.7%	26.5%	17.4%	11.2%
Douglas	-	1.7%	1.6%	1.6%	1.6%	1.6%	6.0%	5.7%	5.4%	5.1%	4.9%	8.7%	8.0%	42.0%	34.5%	26.1%	21.3%	15.5%
Fayette	-	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	2.8%	2.7%	2.7%	2.6%	6.5%	6.1%	34.9%	31.4%	25.1%	22.0%	14.9%
Fulton	-	-1.7%	-1.7%	-1.7%	-1.8%	-1.8%	0.9%	0.9%	0.9%	0.9%	0.9%	3.8%	3.7%	23.9%	30.0%	28.0%	23.8%	18.7%
Gwinnett	-	2.1%	2.1%	2.0%	2.0%	2.0%	4.3%	4.1%	4.0%	3.8%	3.7%	6.8%	6.4%	38.7%	40.5%	35.1%	30.6%	23.6%
Henry	-	3.6%	3.5%	3.4%	3.3%	3.1%	5.6%	5.3%	5.0%	4.8%	4.6%	7.9%	7.3%	37.9%	31.5%	24.7%	22.2%	18.9%
Rockdale	-	1.2%	1.2%	1.2%	1.1%	1.1%	3.2%	3.1%	3.0%	2.9%	2.8%	5.3%	5.0%	29.2%	29.5%	21.5%	13.5%	8.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table D8: FY 2018 Program Funding and Trips for Region 3A, DeKalb and Fulton Counties

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Large UZA	21,388	\$329,230.95
	SSBG Fed	7,917	\$99,063.48
	SSBG match	930	\$13,508.67
	SSBG (Offset)	(930)	(\$13,508.67)
	TTS SSBG	19,298	\$247,414.99
	Title III Fed	12,923	\$182,128.54
	Title III State	760	\$10,713.43
	Title III Match	1,345	\$21,426.88
	Title III (Offset)	(1,345)	(\$21,426.88)
	Total	62,286	\$868,551.39
Transportation services provided outside of the Coordinated Transportation System	Multiple funding sources, which may include the same as those listed above	11,095	\$515,377.92
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	283,271	\$1,330,480.00
Grand Total		356,652	\$2,714,409.31

Source: Authors' analysis of administrative data provided by Georgia DHS, DCH, and ARC AAA

Table D9: FY 2018 Program Funding and Trips for Region 3B, Clayton, Henry, and Fayette Counties

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Large UZA	17,083	\$143,872.75
	SSBG Fed	1,730	\$14,578.01
	SSBG match	155	\$1,987.92
	SSBG (Offset)	(155)	(\$1,987.92)
	TTS SSBG	3,464	\$31,183.42
	Title III Fed	1,776	\$19,450.81
	Title III State	68	\$1,144.16
	Title III Match	135	\$2,288.33
	Title III (Offset)	(135)	(\$2,288.33)
	Total	24,121	\$210,229.15
Transportation services provided outside of the Coordinated Transportation System	Multiple funding sources, which may include the same as those listed above	3,211	\$51,766.98
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	27,469	\$319,076
Grand Total		54,801	\$581,072.13

Source: Authors' analysis of administrative data provided by Georgia DHS, DCH, and ARC AAA

Table D10: FY 2018 Program Funding and Trips for Region 3B, Cherokee, Cobb, and Douglas Counties

Program	Funding Source	Trips	FY 2018 Expenditures
DHS Coordinated Transportation	5310 (unspecified)	1,014	\$6,084.00
	5310 UZA	1,085	\$6,524.22
	5310 Large UZA	7,870	\$19,998.00
	SSBG Fed	951	\$6,127.07
	SSBG match	72	\$835.51
	SSBG (Offset)	0	(\$835.51)
	TTS SSBG	2,585	\$15,505.64
	Title III Fed	2,436	\$15,043.17
	Title III State	146	\$884.90
	Title III Match	70	\$1,769.78
	Title III (Offset)	0	(\$1,769.78)
	Total	16,229	\$70,167.00
Transportation services provided outside of the Coordinated Transportation System	Multiple funding sources, which may include the same as those listed above	4,104	\$80,730.39
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	38,701	\$316,931.00
Grand Total		59,034	\$467,828.39

Source: Authors' analysis of administrative data provided by Georgia DHS, DCH, and ARC AAA

Table D11: FY 2018 Program Funding and Trips for Region 3B, Gwinnett County

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 (unspecified)	943	\$15,000.00
	5310 Large UZA	9,636	\$154,110.92
	SSBG Fed	4,803	\$77,145.44
	SSBG match	576	\$10,519.84
	SSBG (Offset)	(576)	(\$10,519.84)
	TTS SSBG	12,219	\$195,230.44
	Title III Fed	3,092	\$49,772.68
	Title III State	182	\$2,927.80
	Title III Match	327	\$5,855.61
	Title III (Offset)	(327)	(\$5,855.61)
	Other – Aging Revenue	14,000	\$232,707.00
	Total	44,875	\$726,894.28
DHS transportation (not part of Coordinated Transportation System)	Multiple funding sources, which may include the same as those listed above	6,208	\$141,638.17
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	97,485	\$466,209.00
Grand Total		148,568	\$1,334,741.45

Source: Authors' analysis of administrative data provided by Georgia DHS, DCH, and ARC AAA

Table D12: FY 2018 Program Funding and Trips for Rockdale County

Program	Funding Source	Trips	Expenditures
DHS transportation (not part of Coordinated Transportation System)	Multiple funding sources, which may include the same as those listed above	6,283	\$37,695.26
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	5,151	\$50,118.00
Grand Total		11,434	\$87,813.26

Source: Authors' analysis of administrative data provided by Georgia DCH, and ARC AAA

Table D13, Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60 and Older Members, Monthly Average	All Members Accessing NEMT	60 and Older Members Accessing NEMT	Total Capitation Amount for All Members	Total Capitation Amount for Members 60 and Older	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60 and Older
Cherokee	25,622	1,963	386	105	\$962,793	\$39,068	7,668	2,156
Clayton	88,645	6,143	4,293	655	\$4,544,043	\$197,251	77,337	18,157
Cobb	96,694	8,443	2,675	740	\$3,817,606	\$229,896	73,232	30,036
DeKalb	157,119	20,645	7,481	1,928	\$8,304,310	\$555,249	275,802	141,942
Douglas	30,176	2,208	865	184	\$1,195,925	\$47,967	19,324	6,509
Fayette	10,108	1,052	269	82	\$480,571	\$34,313	6,290	1,960
Fulton	178,009	21,204	11,272	3,060	\$9,692,717	\$775,230	285,440	141,329
Gwinnett	154,268	12,397	2,993	1,020	\$8,006,166	\$466,209	138,103	97,485
Henry	41,718	3,285	1,117	231	\$2,003,012	\$87,513	23,427	7,352
Rockdale	22,035	1,699	770	177	\$1,113,274	\$50,118	16,353	5,151
Regional Total	804,393	79,038	32,121	8,182	\$40,120,418	\$2,482,814	922,976	452,077

Source: Authors' analysis of administrative data provided by DCH

Table D14, Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Cherokee	8%	27%	4%	28%
Clayton	7%	15%	4%	23%
Cobb	9%	28%	6%	41%
DeKalb	13%	26%	7%	51%
Douglas	7%	21%	4%	34%
Fayette	10%	30%	7%	31%
Fulton	12%	27%	8%	50%
Gwinnett	8%	34%	6%	71%
Henry	8%	21%	4%	31%
Rockdale	8%	23%	5%	31%
Regional Percentage	10%	25%	6%	49%

Source: Authors' analysis of administrative data provided by DCH

Table D15, Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Metropolitan Atlanta Rapid Transit Authority	MB	\$0.99	0.26	\$114.49	29.8	\$3.85	\$0.90	\$60,389,027	\$233,867,356	60,779,104	2,042,743	25,181,058
Cobb County Department of Transportation	MB	\$1.87	0.36	\$85.32	16.5	\$5.17	\$1.01	\$4,579,421	\$12,691,899	2,453,365	148,764	2,354,049
Gwinnett County Board of Commissioners	MB	\$0.77	0.11	\$99.14	14.1	\$7.03	\$0.88	\$769,701	\$6,988,680	994,633	70,496	1,265,452
Cherokee County Board of Commissioners	DR	\$0.76	0.14	\$42.54	7.6	\$5.57	\$0.00	\$21,596	\$157,559	28,275	3,704	62,027
Center for Pan Asian Community Services, Inc.	MB	\$1.10	0.03	\$162.47	4.8	\$33.66	\$0.00	\$4,035	\$122,986	3,654	757	13,266
Metropolitan Atlanta Rapid Transit Authority	Heavy Rail	\$1.05	0.33	\$270.08	85.8	\$3.15	\$0.47	\$75,717,593	\$226,438,652	71,945,326	838,398	22,267,826
Total								\$141,481,373	\$480,267,132	136,204,357	3,104,862	51,143,678

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

AAA staff at ARC were surveyed regarding existing transportation strategies and programs that are working well, as well as barriers to access within the region. ARC has the most programs operating outside of the DHS Coordinated Transportation System compared to other regions of the state, all of which operate within specific counties. These programs supplement the DHS Coordinated Transportation System services and public transit services available in the region, and vary in the types of services offered.

- Highlights in service
 - The following six programs operated in state FY 2018 in addition to services provided through DHS Coordinated Transportation System:
 - Fayette Senior Services Voucher Transportation Program
 - Center for Pan Asian Community Services New Freedom Grant (fixed- and flex- route services in DeKalb County)
 - Douglas County Board of Commissioners' multi-modal transportation service
 - Gwinnett County Senior Services Get in Gear Transportation Voucher Program
 - Rockdale County Senior Services Transportation Voucher Program
 - Fulton County Transportation Services – Common Courtesy Demonstration (ride-share demonstration program)
- Barriers to service access
 - The most significant provider-reported unmet needs included
 - Excessive ride times and wait times for round-trips
 - Inadequate demand response services
 - Recurring specialized transportation needs (e.g., for recurring medical treatments like dialysis)
 - Limited public transportation service and hours
 - Inadequate demand response services emerged as a particularly salient unmet need, with the following reported:
 - The region lacks the provider capacity to meet demand.
 - Staff receive complaints most often about service times, frequency, and scheduling of demand response services.

APPENDIX E: REGIONAL PROFILE FOR THREE RIVERS, DHS REGION 4

The Three Rivers region is comprised of 10 counties, as illustrated in Figure E1. In 2016, the 65 and older population living in the region totaled 70,078, 14% of the region's population. The region will experience an increase in the 65 and older population, a 56% percent change between 2016 and 2025, and a 41% increase between 2025 and 2040.

Figure E1: Three Rivers Region Counties

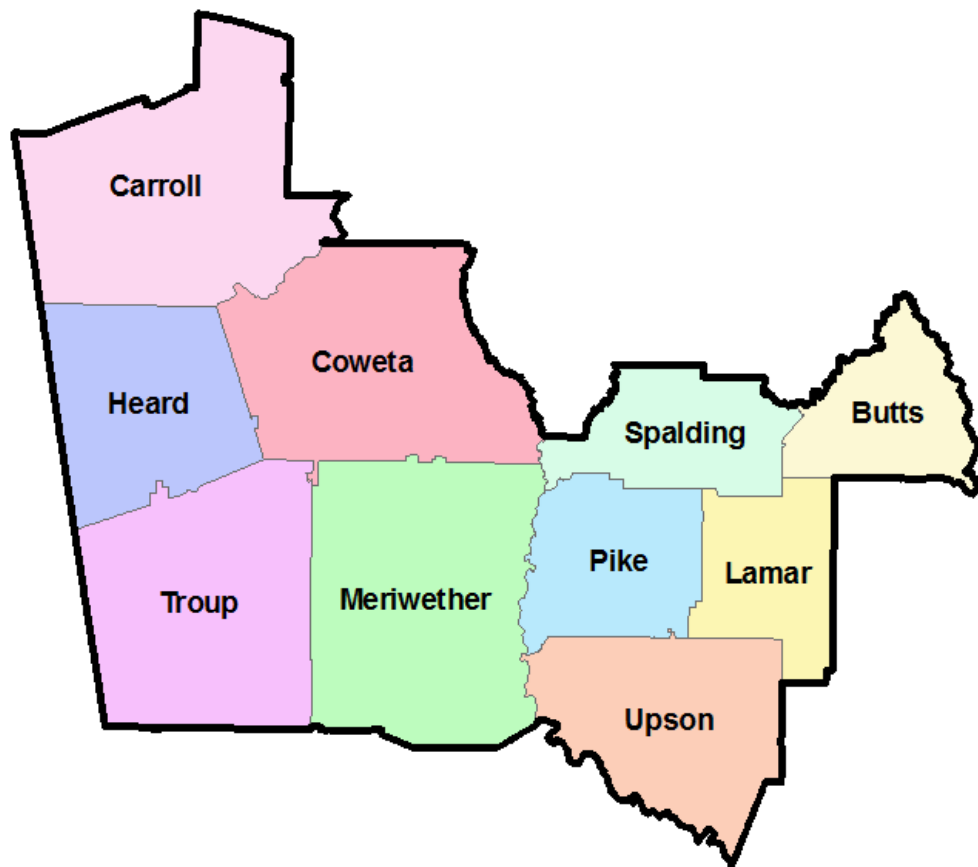


Table E1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Butts County	3,381	5,143	7,086
Carroll County	14,106	23,262	33,536
Coweta County	16,953	29,407	49,653
Heard County	1,770	2,794	3,189
Lamar County	2,893	3,566	4,255
Meriwether County	3,921	5,368	5,367
Pike County	2,569	4,287	6,898
Spalding County	10,369	14,770	18,056
Troup County	9,496	14,568	18,875
Upson County	4,619	6,208	7,026
Total	70,078	109,373	153,941

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table E2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Butts County	19.6%	30.0%	35.7%
Carroll County	25.5%	31.9%	35.3%
Coweta County	26.0%	33.8%	35.7%
Heard County	25.6%	34.2%	37.3%
Lamar County	25.4%	34.2%	34.1%
Meriwether County	20.5%	31.1%	37.1%
Pike County	31.3%	37.1%	38.7%
Spalding County	16.9%	25.7%	35.7%
Troup County	20.2%	29.8%	34.8%
Upson County	33.1%	35.4%	36.4%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table E3: Population Change by Year and Age Group, Three Rivers Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	19,923	10,029	6,843
2014	20,536	10,589	6,924
2015	21,148	11,150	7,006
2016	21,761	11,710	7,087
2017	22,373	12,271	7,169
2018	22,986	12,831	7,250
2019	23,527	13,493	7,538
2020	24,067	14,155	7,825
2021	24,608	14,817	8,112
2022	25,149	15,479	8,400
2023	25,690	16,141	8,687
2024	26,245	16,656	9,209
2025	26,800	17,171	9,730
2030	28,917	19,635	12,685
2035	29,501	21,929	16,034
2040	28,797	23,723	19,378
2045	27,707	24,358	22,957
2050	27,552	23,972	26,109

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table E4: Percentage Change by Year and Age Group, Three Rivers Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	3.1%	3.0%	2.9%	2.8%	2.7%	2.4%	2.3%	2.2%	2.2%	2.2%	2.2%	2.1%	7.9%	2.0%	-2.4%	-3.8%	-0.6%
Percentage change 75 to 84	-	5.6%	5.3%	5.0%	4.8%	4.6%	5.2%	4.9%	4.7%	4.5%	4.3%	3.2%	3.1%	14.3%	11.7%	8.2%	2.7%	-1.6%
Percentage change 85 or older	-	1.2%	1.2%	1.2%	1.1%	1.1%	4.0%	3.8%	3.7%	3.5%	3.4%	6.0%	5.7%	30.4%	26.4%	20.9%	18.5%	13.7%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table E5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Butts	-	3.6%	3.4%	3.3%	3.2%	3.1%	2.6%	2.5%	2.5%	2.4%	2.4%	3.4%	3.2%	13.7%	6.3%	0.2%	0.4%	3.8%
Carroll	-	4.7%	4.5%	4.3%	4.1%	4.0%	3.8%	3.7%	3.5%	3.4%	3.3%	3.2%	3.1%	12.4%	6.1%	2.3%	1.2%	5.0%
Coweta	-	5.3%	5.0%	4.8%	4.6%	4.4%	4.6%	4.4%	4.2%	4.0%	3.9%	4.8%	4.6%	21.0%	14.8%	8.1%	4.6%	7.0%
Heard	-	4.6%	4.4%	4.2%	4.0%	3.9%	2.1%	2.1%	2.0%	2.0%	2.0%	1.1%	1.1%	3.4%	-2.0%	-7.7%	-12.4%	-11.5%
Lamar	-	1.2%	1.2%	1.2%	1.1%	1.1%	0.8%	0.8%	0.8%	0.8%	0.8%	1.8%	1.8%	7.8%	1.7%	-4.6%	-1.7%	4.1%
Meriwether	-	2.2%	2.2%	2.1%	2.1%	2.0%	1.3%	1.3%	1.3%	1.2%	1.2%	0.7%	0.7%	-1.2%	-9.8%	-11.9%	-7.8%	-3.0%
Pike	-	3.3%	3.2%	3.1%	3.0%	2.9%	4.1%	3.9%	3.8%	3.6%	3.5%	4.0%	3.9%	18.5%	14.4%	6.8%	-1.6%	-1.5%
Spalding	-	3.4%	3.2%	3.1%	3.0%	3.0%	2.0%	1.9%	1.9%	1.9%	1.8%	1.8%	1.8%	6.2%	1.2%	-1.1%	-0.8%	1.3%
Troup	-	5.2%	4.9%	4.7%	4.5%	4.3%	3.8%	3.7%	3.5%	3.4%	3.3%	2.2%	2.1%	7.4%	1.6%	-0.9%	-0.2%	3.3%
Upson	-	1.5%	1.5%	1.5%	1.5%	1.4%	1.6%	1.6%	1.6%	1.5%	1.5%	2.1%	2.1%	6.5%	-1.7%	-6.2%	-6.7%	-4.5%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table E6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Butts	-	9.0%	8.3%	7.7%	7.1%	6.6%	6.8%	6.4%	6.0%	5.6%	5.3%	3.6%	3.5%	15.6%	14.2%	13.5%	6.3%	0.6%
Carroll	-	7.6%	7.0%	6.6%	6.2%	5.8%	6.8%	6.3%	6.0%	5.6%	5.3%	4.8%	4.6%	22.2%	18.3%	12.7%	6.3%	2.4%
Coweta	-	8.8%	8.1%	7.5%	7.0%	6.5%	8.3%	7.7%	7.1%	6.7%	6.2%	5.4%	5.1%	25.2%	23.4%	20.9%	14.8%	8.4%
Heard	-	8.1%	7.5%	6.9%	6.5%	6.1%	8.5%	7.9%	7.3%	6.8%	6.4%	4.4%	4.2%	16.5%	7.3%	1.9%	-3.3%	-8.7%
Lamar	-	4.2%	4.0%	3.9%	3.7%	3.6%	3.1%	3.0%	2.9%	2.9%	2.8%	2.4%	2.3%	10.2%	9.5%	9.4%	2.7%	-2.6%
Meriwether	-	8.0%	7.4%	6.9%	6.5%	6.1%	6.1%	5.7%	5.4%	5.1%	4.9%	2.4%	2.3%	9.9%	5.2%	-1.7%	-9.8%	-11.4%
Pike	-	9.7%	8.8%	8.1%	7.5%	7.0%	6.4%	6.0%	5.7%	5.4%	5.1%	3.6%	3.5%	19.4%	21.0%	19.6%	16.3%	8.7%
Spalding	-	6.6%	6.2%	5.8%	5.5%	5.2%	6.4%	6.0%	5.7%	5.4%	5.1%	3.4%	3.3%	13.8%	9.1%	5.6%	0.8%	-1.3%
Troup	-	4.5%	4.3%	4.1%	3.9%	3.8%	6.7%	6.3%	5.9%	5.6%	5.3%	5.2%	4.9%	22.8%	15.1%	6.9%	1.3%	-0.8%
Upson	-	6.1%	5.8%	5.5%	5.2%	4.9%	3.9%	3.7%	3.6%	3.5%	3.3%	1.6%	1.6%	7.9%	8.5%	6.1%	-1.7%	-5.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table E7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Butts	-	0.0%	0.0%	0.0%	0.0%	0.0%	3.4%	3.2%	3.1%	3.0%	3.0%	7.3%	6.8%	32.3%	24.0%	17.8%	17.0%	14.5%
Carroll	-	2.5%	2.4%	2.4%	2.3%	2.3%	5.1%	4.9%	4.6%	4.4%	4.2%	6.5%	6.1%	32.4%	28.9%	23.9%	20.3%	13.8%
Coweta	-	2.3%	2.3%	2.2%	2.2%	2.1%	5.5%	5.2%	5.0%	4.7%	4.5%	7.6%	7.0%	38.3%	32.8%	26.6%	25.5%	21.4%
Heard	-	1.0%	1.0%	1.0%	1.0%	1.0%	2.4%	2.4%	2.3%	2.3%	2.2%	7.5%	7.0%	35.9%	28.1%	16.4%	8.3%	2.6%
Lamar	-	1.7%	1.6%	1.6%	1.6%	1.6%	3.4%	3.3%	3.1%	3.1%	3.0%	3.2%	3.1%	17.1%	16.9%	14.1%	12.9%	10.4%
Meriwether	-	-0.8%	-0.8%	-0.8%	-0.8%	-0.8%	2.8%	2.8%	2.7%	2.6%	2.5%	6.3%	5.9%	29.1%	20.1%	11.3%	7.1%	-0.3%
Pike	-	2.6%	2.6%	2.5%	2.4%	2.4%	6.7%	6.3%	5.9%	5.6%	5.3%	8.2%	7.6%	35.9%	26.4%	23.7%	24.4%	21.8%
Spalding	-	0.6%	0.6%	0.6%	0.6%	0.6%	3.7%	3.6%	3.4%	3.3%	3.2%	5.2%	4.9%	27.2%	22.6%	14.5%	11.3%	6.5%
Troup	-	-0.5%	-0.5%	-0.5%	-0.5%	-0.5%	1.3%	1.2%	1.2%	1.2%	1.2%	3.4%	3.3%	22.1%	25.6%	21.3%	16.0%	8.8%
Upson	-	1.3%	1.3%	1.3%	1.3%	1.3%	3.2%	3.1%	3.0%	2.9%	2.8%	5.1%	4.8%	21.0%	13.6%	10.4%	10.2%	6.5%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table E8: FY 2018 Program Funding and Trips for Three Rivers, DHS Region 4

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Non-Urban/Rural	19,766	\$239,074.18
	5310 Large UZA	5,051	\$64,474.14
	SSBG Fed	18,361	\$223,266.43
	SSBG match	270	\$30,445.42
	SSBG (Offset)	(270)	(\$30,445.42)
	TTS SSBG	8,243	\$99,738.44
	CBS State	12,995	\$157,010.90
	Title III Fed	6,930	\$84,146.92
	Title III State	406	\$4,949.82
	Title III Match	218	\$9,899.64
	Title III (Offset)	(218)	(\$9,899.64)
	Other	71,752	\$872,660.83
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	18,403	\$377,371
Grand Total		90,155	\$1,250,031.83

Table E9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Butts	5,725	801	164	62	\$270,746	\$23,595	1,872	738
Carroll	25,409	2,958	990	278	\$1,210,474	\$78,701	13,091	2,903
Coweta	19,411	1,848	588	123	\$938,687	\$50,042	11,411	2,844
Heard	2,901	463	98	44	\$136,798	\$11,096	1,250	385
Lamar	4,480	652	145	37	\$209,053	\$16,652	3,310	531
Meriwether	5,651	1,040	288	96	\$263,255	\$27,171	6,003	2,167
Pike	3,166	371	96	35	\$148,951	\$9,368	1,564	267
Spalding	18,527	2,281	981	223	\$898,489	\$63,172	15,830	4,499
Troup	17,107	2,122	801	201	\$833,339	\$59,930	12,503	3,469
Upson	7,920	1,248	337	75	\$429,839	\$37,644	3,953	600
Regional Total	110,296	13,784	4,488	1,174	\$5,339,631	\$377,371	70,787	18,403

Source: Authors' analysis of administrative data provided by DCH

Table E10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Butts	14%	38%	9%	39%
Carroll	12%	28%	7%	22%
Coweta	10%	21%	5%	25%
Heard	16%	45%	8%	31%
Lamar	15%	26%	8%	16%
Meriwether	18%	33%	10%	36%
Pike	12%	36%	6%	17%
Spalding	12%	23%	7%	28%
Troup	12%	25%	7%	28%
Upson	16%	22%	9%	15%
Regional Percentage	12%	26%	7%	26%

Source: Authors' analysis of administrative data provided by DCH

Table E11: Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Heard County Transit	DR	\$0.89	0.03	\$29.56	1.0	\$29.70	\$0.00	\$4,193	\$139,398	4,694	4,715	66,201
Troup County Transit	DR	\$0.05	0.01	\$25.94	3.9	\$6.63	\$0.00	\$1,416	\$183,864	27,745	7,087	121,255
Coweta County	DR	\$0.76	0.07	\$30.39	2.9	\$10.56	\$0.00	\$26,802	\$371,726	35,203	12,232	213,803
Total								\$32,411	\$694,988	67,642	24,034	401,259

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.
Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Three Rivers AAA staff were surveyed to gain insight into transportation successes and barriers within the region. The region is largely rural, with much of the county transit coordinated through the regional commission. The region previously operated a successful voucher program through the Coordinated Transportation System, and plans to offer a similar program in FY 2019.

- Highlights in service
 - Plan to restart voucher program in FY 2019
 - Major focus on out-of-county medical trips and after-hours trips
 - Out-of-county trips are a significant unmet need in the region, as medical providers are sparse in many counties
- Barriers to service access
 - The most significant provider-reported unmet needs included
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Limited public transportation services and hours
 - Inadequate demand response services
 - Excessive ride time for round-trips
 - Excessive wait time for round-trips
 - The staff within the region would like to explore volunteer driver programs to help address the issue of cross-country transportation.

APPENDIX F: REGIONAL PROFILE FOR NORTHEAST GEORGIA, DHS REGION 5

The Northeast Georgia region is comprised of 12 counties, as illustrated in Figure F1. In 2016, the 65 and older population living in the region totaled 76,447, 13% of the region's population. The region will experience an increase in the 65 and older population, a 59% percent change between 2016 and 2025, and a 11% increase between 2025 and 2040.

Figure F1: Northeast Georgia Region Counties



Table F1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Barrow County	8,141	16,632	32,226
Clarke County	11,838	13,920	14,900
Elbert County	3,665	4,669	4,911
Greene County	4,299	5,674	5,811
Jackson County	8,388	14,799	24,569
Jasper County	2,076	3,210	4,015
McIntosh County	2,816	3,975	3,954
Morgan County	3,248	4,941	6,600
Newton County	12,260	20,180	31,641
Oconee County	4,735	8,577	14,923
Oglethorpe County	2,565	3,661	4,515
Walton County	12,416	21,455	36,057
Total	76,447	121,693	184,122

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table F2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Barrow County	16.3%	21.8%	25.2%
Clarke County	17.3%	21.7%	25.0%
Elbert County	14.8%	21.1%	25.5%
Greene County	17.4%	23.0%	25.8%
Jackson County	15.6%	22.1%	25.2%
Jasper County	18.3%	22.8%	25.3%
McIntosh County	16.0%	21.0%	25.8%
Morgan County	16.2%	21.5%	25.5%
Newton County	13.5%	19.4%	25.1%
Oconee County	16.9%	22.7%	25.5%
Oglethorpe County	15.3%	19.8%	25.8%
Walton County	15.8%	20.7%	25.3%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table F3: Population Change by Year and Age Group, Northeast Georgia Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	40,687	18,934	7,583
2014	42,702	20,269	7,653
2015	44,717	21,603	7,722
2016	46,731	22,937	7,792
2017	48,746	24,272	7,862
2018	50,761	25,606	7,931
2019	52,829	27,331	8,230
2020	54,898	29,056	8,529
2021	56,967	30,781	8,827
2022	59,035	32,506	9,126
2023	61,104	34,231	9,425
2024	63,573	35,940	10,023
2025	66,042	37,648	10,621
2030	76,865	46,230	14,103
2035	83,716	55,408	18,246
2040	86,635	64,112	22,526
2045	88,084	69,621	27,308
2050	91,973	72,111	32,124

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table F4: Percentage Change by Year and Age Group, Northeast Georgia Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	5.0%	4.7%	4.5%	4.3%	4.1%	4.1%	3.9%	3.8%	3.6%	3.5%	4.0%	3.9%	16.4%	8.9%	3.5%	1.7%	4.4%
Percentage change 75 to 84	-	6.6%	6.2%	5.8%	5.5%	6.7%	6.3%	5.9%	5.6%	5.3%	5.0%	4.8%	22.8%	19.9%	15.7%	8.6%	3.6%	3.6%
Percentage change 85 or older	-	0.9%	0.9%	0.9%	0.9%	0.9%	3.8%	3.6%	3.5%	3.4%	3.3%	6.3%	6.0%	32.8%	29.4%	23.5%	21.2%	17.6%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table F5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Barrow	-	7.0%	6.5%	6.1%	5.8%	5.5%	6.2%	5.8%	5.5%	5.2%	4.9%	5.6%	5.3%	23.7%	17.9%	16.0%	15.1%	15.2%
Clarke	-	3.1%	3.0%	2.9%	2.8%	2.8%	0.8%	0.8%	0.8%	0.8%	0.8%	-0.1%	-0.1%	-1.0%	-1.9%	-2.0%	1.7%	7.2%
Elbert	-	2.8%	2.7%	2.7%	2.6%	2.5%	1.2%	1.2%	1.2%	1.2%	1.2%	0.7%	0.7%	1.4%	-4.2%	-9.8%	-9.0%	-1.2%
Greene	-	1.7%	1.7%	1.7%	1.6%	1.6%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	-1.5%	-6.1%	-8.9%	-5.9%	-0.9%
Jackson	-	5.3%	5.0%	4.8%	4.6%	4.4%	4.0%	3.9%	3.7%	3.6%	3.5%	4.2%	4.0%	19.0%	14.6%	8.7%	4.0%	3.7%
Jasper	-	4.7%	4.5%	4.3%	4.1%	4.0%	3.3%	3.1%	3.1%	3.0%	2.9%	1.8%	1.7%	5.9%	0.2%	-3.4%	-4.0%	-0.5%
McIntosh	-	1.9%	1.9%	1.8%	1.8%	1.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.3%	0.3%	-1.1%	-6.3%	-9.8%	-11.9%	-8.3%
Morgan	-	4.3%	4.1%	4.0%	3.8%	3.7%	3.5%	3.4%	3.3%	3.2%	3.1%	2.4%	2.3%	8.4%	3.4%	1.0%	-2.4%	-1.5%
Newton	-	5.1%	4.9%	4.6%	4.4%	4.2%	3.3%	3.2%	3.1%	3.0%	2.9%	3.4%	3.3%	16.5%	14.2%	9.0%	5.6%	7.2%
Oconee	-	6.8%	6.4%	6.0%	5.7%	5.4%	5.6%	5.3%	5.1%	4.8%	4.6%	4.7%	4.5%	20.4%	14.5%	8.6%	2.0%	1.3%
Oglethorpe	-	2.2%	2.2%	2.1%	2.1%	2.0%	2.5%	2.5%	2.4%	2.4%	2.3%	2.5%	2.5%	9.0%	1.8%	-4.7%	-7.7%	-2.9%
Walton	-	5.1%	4.8%	4.6%	4.4%	4.2%	4.0%	3.9%	3.7%	3.6%	3.5%	4.7%	4.5%	20.7%	13.9%	7.2%	3.8%	6.4%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table F6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Barrow	-	11.2%	10.0%	9.1%	8.4%	7.7%	10.8%	9.7%	8.9%	8.1%	7.5%	7.0%	6.5%	33.2%	29.8%	24.0%	18.6%	16.8%
Clarke	-	2.5%	2.5%	2.4%	2.3%	2.3%	3.9%	3.8%	3.6%	3.5%	3.4%	2.9%	2.8%	10.6%	4.0%	1.0%	-0.8%	-1.5%
Elbert	-	1.7%	1.7%	1.7%	1.7%	1.6%	3.6%	3.5%	3.3%	3.2%	3.1%	2.9%	2.8%	11.3%	5.8%	1.8%	-4.0%	-9.2%
Greene	-	9.8%	9.0%	8.2%	7.6%	7.1%	7.0%	6.5%	6.1%	5.8%	5.4%	2.0%	2.0%	7.1%	2.8%	0.6%	-4.4%	-7.0%
Jackson	-	10.8%	9.8%	8.9%	8.2%	7.5%	9.0%	8.2%	7.6%	7.1%	6.6%	5.4%	5.1%	23.9%	20.7%	19.3%	15.3%	9.5%
Jasper	-	6.5%	6.1%	5.7%	5.4%	5.1%	7.2%	6.7%	6.3%	5.9%	5.6%	4.9%	4.7%	20.9%	13.0%	5.9%	0.8%	-2.7%
McIntosh	-	9.1%	8.4%	7.7%	7.2%	6.7%	4.6%	4.4%	4.2%	4.0%	3.9%	1.9%	1.9%	7.2%	2.7%	-1.8%	-6.5%	-9.4%
Morgan	-	5.9%	5.6%	5.3%	5.0%	4.8%	4.6%	4.4%	4.2%	4.0%	3.9%	4.6%	4.4%	20.5%	15.4%	9.1%	4.4%	2.3%
Newton	-	7.4%	6.9%	6.5%	6.1%	5.7%	7.7%	7.1%	6.7%	6.2%	5.9%	5.1%	4.9%	21.3%	16.4%	16.0%	13.6%	8.6%
Oconee	-	8.6%	7.9%	7.3%	6.8%	6.4%	9.9%	9.0%	8.2%	7.6%	7.1%	7.0%	6.5%	32.0%	26.4%	20.3%	14.7%	9.4%
Oglethorpe	-	6.4%	6.0%	5.7%	5.4%	5.1%	5.4%	5.1%	4.9%	4.7%	4.5%	2.2%	2.2%	12.0%	12.9%	9.0%	1.8%	-5.0%
Walton	-	9.9%	9.0%	8.2%	7.6%	7.1%	8.9%	8.2%	7.5%	7.0%	6.5%	5.2%	5.0%	23.8%	22.3%	21.2%	14.8%	8.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table F7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Barrow	-	2.4%	2.3%	2.3%	2.2%	2.2%	5.8%	5.5%	5.2%	4.9%	4.7%	9.5%	8.7%	47.8%	41.7%	35.3%	32.3%	25.5%
Clarke	-	-1.3%	-1.3%	-1.3%	-1.3%	-1.3%	-0.5%	-0.5%	-0.5%	-0.5%	-0.5%	1.6%	1.5%	10.9%	14.5%	11.3%	6.6%	3.3%
Elbert	-	2.2%	2.2%	2.1%	2.1%	2.1%	2.4%	2.3%	2.3%	2.2%	2.2%	1.6%	1.6%	12.4%	15.2%	10.5%	7.9%	3.3%
Greene	-	0.8%	0.8%	0.8%	0.8%	0.8%	5.3%	5.1%	4.8%	4.6%	4.4%	7.2%	6.7%	33.3%	21.2%	10.4%	7.6%	3.0%
Jackson	-	1.1%	1.1%	1.1%	1.1%	1.1%	5.9%	5.6%	5.3%	5.0%	4.8%	8.9%	8.2%	42.8%	34.2%	25.9%	23.7%	21.0%
Jasper	-	1.8%	1.8%	1.8%	1.7%	1.7%	3.5%	3.4%	3.3%	3.2%	3.1%	5.9%	5.6%	30.4%	28.1%	21.9%	15.0%	8.4%
McIntosh	-	-1.4%	-1.5%	-1.5%	-1.5%	-1.5%	5.3%	5.0%	4.8%	4.5%	4.4%	6.2%	5.8%	25.6%	16.0%	9.3%	5.0%	0.2%
Morgan	-	2.3%	2.2%	2.2%	2.1%	2.1%	6.0%	5.7%	5.4%	5.1%	4.9%	4.7%	4.5%	24.2%	24.2%	21.7%	17.9%	12.0%
Newton	-	1.9%	1.9%	1.9%	1.8%	1.8%	4.7%	4.5%	4.3%	4.1%	3.9%	6.2%	5.9%	33.1%	29.7%	21.6%	18.3%	16.1%
Oconee	-	0.3%	0.3%	0.3%	0.3%	0.3%	2.6%	2.5%	2.5%	2.4%	2.4%	7.5%	7.0%	39.5%	37.9%	32.3%	28.1%	22.3%
Oglethorpe	-	2.5%	2.5%	2.4%	2.4%	2.3%	4.2%	4.0%	3.8%	3.7%	3.6%	5.7%	5.4%	26.3%	18.6%	14.5%	14.5%	8.5%
Walton	-	1.1%	1.1%	1.1%	1.1%	1.1%	4.4%	4.2%	4.0%	3.9%	3.7%	8.2%	7.6%	40.0%	33.3%	26.4%	25.7%	22.7%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table F8: FY 2018 Program Funding and Trips for Northeast Georgia, DHS Region 5

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 (unspecified)	3,719	\$50,000.00
	5310 Non-Urban/Rural	8,713	\$77,337.78
	5310 UZA	2,421	\$24,945.05
	5310 Large UZA	16,917	\$181,529.97
	SSBG Fed	7,952	\$127,484.59
	SSBG match	2,339	\$17,387.26
	SSBG (Offset)	0	(\$17,387.26)
	TTS SSBG	10,377	\$105,352.29
	CBS State	2,704	\$23,940.00
	Title III Fed	13,041	\$111,612.82
	Title III State	1,807	\$6,565.46
	Title III Match	1,763	\$13,130.94
	Title III (Offset)	0	(\$13,130.94)
	Other	5,434	\$11,237.13
	Total	77,187	\$720,005.09
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	35,221	\$383,536
Grand Total		112,408	\$1,103,541.09

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table F9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Barrow	16,420	1,745	304	96	\$615,702	\$37,165	10,391	5,460
Clarke	22,580	2,488	1,153	321	\$1,282,172	\$85,952	20,150	7,036
Elbert	5,733	939	248	76	\$311,143	\$26,656	3,619	969
Greene	3,764	672	208	86	\$202,739	\$23,079	5,366	3,071
Jackson	11,424	1,391	269	97	\$441,727	\$32,068	6,371	1,760
Jasper	3,237	360	70	28	\$158,209	\$9,658	1,437	579
Madison	6,707	851	219	79	\$356,267	\$23,906	2,423	686
Morgan	3,537	545	88	35	\$141,493	\$11,287	2,177	342
Newton	27,185	2,291	979	235	\$1,345,381	\$62,224	21,746	7,561
Oconee	2,923	367	61	27	\$149,624	\$11,732	999	291
Oglethorpe	2,816	399	103	44	\$144,444	\$10,221	2,799	980
Walton	18,235	2,226	547	174	\$708,654	\$49,586	16,754	6,486
Regional Total	124,562	14,274	4,249	1,298	\$5,857,555	\$383,536	94,232	35,221

Source: Authors' analysis of administrative data provided by DCH

Table F10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Barrow	11%	32%	6%	53%
Clarke	11%	28%	7%	35%
Elbert	16%	31%	9%	27%
Greene	18%	41%	11%	57%
Jackson	12%	36%	7%	28%
Jasper	11%	40%	6%	40%
Madison	13%	36%	7%	28%
Morgan	15%	40%	8%	16%
Newton	8%	24%	5%	35%
Oconee	13%	44%	8%	29%
Oglethorpe	14%	43%	7%	35%
Walton	12%	32%	7%	39%
Regional Percentage	11%	31%	7%	37%

Source: Authors' analysis of administrative data provided by DCH

Table F11: Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Athens Transit System	DR	\$3.47	0.04	\$105.89	1.3	\$83.09	\$14.64	\$23,705	\$566,932	6,823	5,354	59,843
Elbert County	DR	\$1.19	0.04	\$36.33	1.3	\$28.56	\$0.00	\$9,828	\$235,364	8,240	6,478	123,977
Social Circle Area Transit	DR	\$0.52	0.07	\$15.93	2.3	\$7.05	\$0.00	\$5,491	\$74,330	10,541	4,666	29,892
Jackson County	DR	\$2.55	0.16	\$28.06	1.7	\$16.23	\$0.00	\$34,369	\$218,533	13,464	7,788	178,627
Greene County Commission Transit	DR	\$1.31	0.08	\$29.01	1.9	\$15.52	\$0.00	\$26,925	\$319,075	20,559	10,997	291,956
Morgan County Transit	DR	\$0.85	0.07	\$32.98	2.6	\$12.69	\$0.00	\$20,259	\$301,624	23,774	9,145	131,268
Total								\$120,577	\$1,715,858	83,401	44,428	815,563

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Staff from the Northeast AAA were surveyed regarding successful strategies, as well as barriers to transportation access within the region. Much of the Northeast region is rural, with many services focused within Athens.

- Highlights in service
 - Lift paratransit service is accessible for Athens residents.
 - Jackson, Elbert, Morgan, and Greene counties have a connector service that enables residents of those counties to access medical and other services in Clarke county.
 - Athens Community Council on Aging operates a demand response program and a volunteer driver program, both of which enhance access to services for older adults who reside within the service area.
- Barriers to service access
 - The most significant provider-reported unmet needs included
 - Cost of using public transit and affordability issues
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Limited public transportation services and hours
 - Inadequate demand response services
 - Excessive ride time for round-trips
 - Stretcher transport emerged as a particular unmet need region-wide.

Appendix G: Regional Profile for River Valley, DHS Region 6

The River Valley region is comprised of 16 counties, as illustrated in Figure G1. In 2016, the 65 and older population living in the region totaled 53,103, 14% of the region's population. The region will experience an increase in the 65 and older population, a 45% percent change between 2016 and 2025, and a 22% increase between 2025 and 2040.

Figure G1: River Valley Region Counties

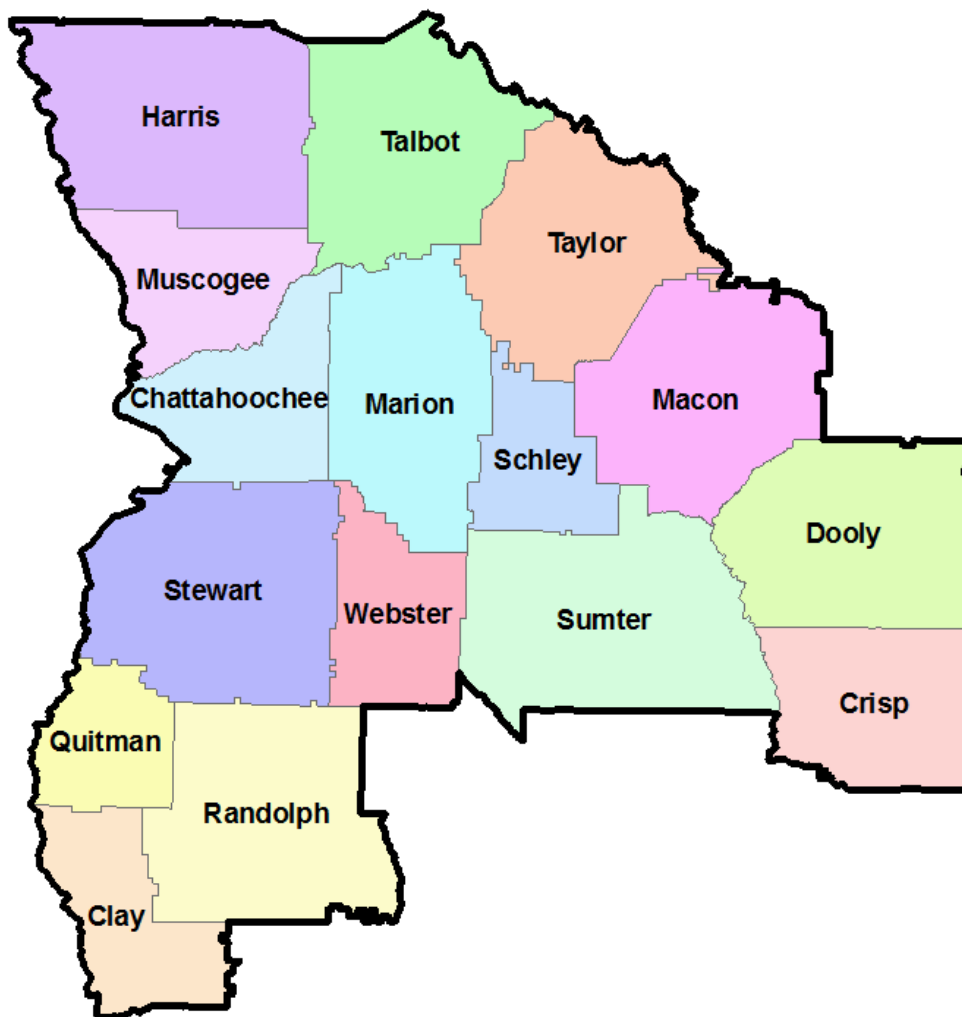


Table G1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Chattahoochee County	463	646	1,021
Clay County	730	869	788
Crisp County	3,574	5,187	5,778
Dooly County	2,198	2,960	3,009
Harris County	5,345	9,400	13,441
McDuffie County	3,406	4,726	5,134
Macon County	1,994	2,827	2,906
Muscogee County	24,036	36,003	47,489
Quitman County	532	780	734
Randolph County	1,329	1,663	1,349
Schley County	779	1,185	1,811
Stewart County	880	1,054	1,081
Sumter County	4,598	5,696	5,742
Talbot County	1,255	1,686	1,439
Taylor County	1,512	1,925	2,014
Webster County	470	614	562
Total	53,103	77,221	94,298

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table G2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Chattahoochee County	16.7%	24.1%	26.8%
Clay County	20.5%	26.5%	27.9%
Crisp County	17.7%	23.9%	27.0%
Dooly County	16.2%	22.3%	27.5%
Harris County	16.9%	23.6%	27.9%
Macon County	13.5%	20.4%	27.7%
McDuffie County	15.9%	22.5%	27.0%
Muscogee County	13.0%	19.1%	26.9%
Quitman County	20.3%	25.4%	28.1%
Randolph County	21.4%	26.5%	27.6%
Schley County	18.9%	24.5%	27.5%
Stewart County	16.5%	22.4%	26.9%
Sumter County	17.6%	22.1%	26.9%
Talbot County	18.5%	25.8%	28.0%
Taylor County	17.5%	23.3%	27.8%
Webster County	16.1%	22.6%	28.0%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table G3: Population Change by Year and Age Group, River Valley Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	58,008	27,563	6,189
2014	60,695	29,327	6,189
2015	63,383	31,091	6,188
2016	66,071	32,855	6,188
2017	68,758	34,619	6,188
2018	71,446	36,383	6,187
2019	74,165	38,713	6,258
2020	76,884	41,043	6,330
2021	79,603	43,373	6,401
2022	82,323	45,703	6,472
2023	85,042	48,033	6,543
2024	87,809	50,303	6,746
2025	90,576	52,573	6,948
2030	102,861	63,957	8,226
2035	111,750	75,395	9,975
2040	116,916	85,626	11,830
2045	119,314	93,255	13,435
2050	123,904	97,978	14,387

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table G4: Percentage Change by Year and Age Group, River Valley Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	4.6%	4.4%	4.2%	4.1%	3.9%	3.8%	3.7%	3.5%	3.4%	3.3%	3.3%	3.2%	13.6%	8.6%	4.6%	2.1%	3.8%
Percentage change 75 to 84	-	6.4%	6.0%	5.7%	5.4%	5.1%	6.4%	6.0%	5.7%	5.4%	5.1%	4.7%	4.5%	21.7%	17.9%	13.6%	8.9%	5.1%
Percentage change 85 or older	-	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	1.1%	1.1%	1.1%	1.1%	3.1%	3.0%	18.4%	21.3%	18.6%	13.6%	7.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table G5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Chattahoochee	-	-0.7%	-0.7%	-0.7%	-0.7%	-0.7%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	3.8%	3.7%	22.5%	24.1%	19.8%	22.1%	28.0%
Clay	-	2.8%	2.7%	2.6%	2.5%	2.5%	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%	-1.3%	-1.3%	-6.8%	-9.2%	-13.7%	-11.6%	-1.0%
Crisp	-	5.6%	5.3%	5.1%	4.8%	4.6%	3.5%	3.4%	3.3%	3.2%	3.1%	1.1%	1.1%	1.5%	-5.2%	-6.9%	-5.2%	-2.0%
Dooly	-	2.6%	2.6%	2.5%	2.4%	2.4%	2.4%	2.3%	2.3%	2.2%	2.2%	0.1%	0.1%	-1.0%	-4.9%	-8.8%	-8.4%	-3.7%
Harris	-	6.4%	6.0%	5.6%	5.3%	5.1%	3.1%	3.0%	2.9%	2.9%	2.8%	2.4%	2.3%	9.8%	5.7%	1.9%	-1.5%	1.1%
McDuffie	-	2.8%	2.8%	2.7%	2.6%	2.6%	2.4%	2.3%	2.3%	2.2%	2.2%	1.3%	1.3%	2.9%	-3.2%	-6.9%	-8.3%	-2.7%
Macon	-	2.4%	2.3%	2.3%	2.2%	2.2%	2.5%	2.5%	2.4%	2.4%	2.3%	0.7%	0.7%	0.2%	-6.7%	-10.3%	-6.7%	0.2%
Muscogee	-	5.3%	5.1%	4.8%	4.6%	4.4%	4.8%	4.5%	4.3%	4.2%	4.0%	2.6%	2.5%	8.5%	1.7%	0.6%	3.6%	8.3%
Quitman	-	1.7%	1.7%	1.6%	1.6%	1.6%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-1.8%	-1.8%	-8.6%	-7.2%	-8.6%	-11.0%	-3.0%
Randolph	-	1.2%	1.2%	1.2%	1.2%	1.1%	1.0%	1.0%	1.0%	1.0%	1.0%	-0.8%	-0.8%	-8.0%	-15.9%	-18.1%	-12.1%	-4.0%
Schley	-	2.1%	2.1%	2.0%	2.0%	2.0%	2.2%	2.2%	2.1%	2.1%	2.1%	4.6%	4.4%	21.4%	14.3%	4.3%	-1.0%	0.5%
Stewart	--	2.0%	1.9%	1.9%	1.8%	1.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.0%	0.0%	-1.3%	-5.1%	-4.1%	11.4%	22.7%
Sumter	-	3.4%	3.3%	3.2%	3.1%	3.0%	0.7%	0.7%	0.6%	0.6%	0.6%	0.5%	0.5%	1.6%	-4.2%	-11.3%	-9.6%	-3.9%
Talbot	-	3.4%	3.3%	3.2%	3.1%	3.0%	2.1%	2.0%	2.0%	1.9%	1.9%	-0.7%	-0.7%	-8.2%	-16.4%	-19.2%	-19.3%	-14.5%
Taylor	-	1.8%	1.8%	1.7%	1.7%	1.7%	1.6%	1.6%	1.6%	1.6%	1.5%	1.5%	1.5%	2.2%	-6.0%	-7.9%	-9.8%	-10.0%
Webster	-	2.6%	2.6%	2.5%	2.5%	2.4%	1.0%	1.0%	1.0%	1.0%	1.0%	-0.9%	-1.0%	-4.8%	-6.3%	-11.4%	-16.3%	-15.9%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table G6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Chattahoochee	-	7.2%	6.7%	6.3%	5.9%	5.6%	4.3%	4.2%	4.0%	3.8%	3.7%	0.2%	0.2%	0.3%	6.5%	20.1%	21.7%	18.5%
Clay	-	5.0%	4.8%	4.5%	4.3%	4.2%	6.3%	5.9%	5.6%	5.3%	5.0%	2.6%	2.5%	7.3%	-1.7%	-5.5%	-8.7%	-12.5%
Crisp	-	2.3%	2.2%	2.2%	2.1%	2.1%	4.8%	4.6%	4.4%	4.2%	4.0%	5.5%	5.2%	22.6%	11.3%	0.7%	-5.5%	-6.8%
Dooley	-	6.2%	5.8%	5.5%	5.2%	4.9%	3.8%	3.7%	3.5%	3.4%	3.3%	2.7%	2.6%	12.3%	6.1%	-1.7%	-5.2%	-8.3%
Harris	-	9.2%	8.5%	7.8%	7.2%	6.7%	10.7%	9.6%	8.8%	8.1%	7.5%	6.5%	6.1%	25.0%	15.3%	11.1%	7.0%	3.3%
McDuffie	-	5.2%	4.9%	4.7%	4.5%	4.3%	4.8%	4.6%	4.4%	4.2%	4.0%	2.6%	2.6%	12.2%	8.1%	1.2%	-4.2%	-7.6%
Macon	-	6.4%	6.0%	5.7%	5.4%	5.1%	4.9%	4.7%	4.5%	4.3%	4.1%	2.4%	2.3%	12.3%	9.0%	0.4%	-6.1%	-9.0%
Muscogee	-	2.4%	2.4%	2.3%	2.3%	2.2%	4.5%	4.3%	4.1%	3.9%	3.8%	5.5%	5.2%	25.4%	18.1%	7.9%	1.4%	0.6%
Quitman	-	4.7%	4.5%	4.3%	4.1%	4.0%	7.1%	6.7%	6.3%	5.9%	5.6%	2.1%	2.1%	5.9%	-3.6%	-7.5%	-5.3%	-5.8%
Randolph	-	2.3%	2.3%	2.2%	2.2%	2.1%	3.4%	3.3%	3.2%	3.1%	3.0%	1.1%	1.1%	4.8%	0.6%	-8.3%	-16.5%	-18.0%
Schley	-	10.3%	9.4%	8.6%	7.9%	7.3%	6.3%	5.9%	5.6%	5.3%	5.0%	2.8%	2.8%	12.5%	15.3%	20.9%	14.6%	5.4%
Stewart	-	0.6%	0.6%	0.6%	0.6%	0.6%	3.2%	3.1%	3.0%	2.9%	2.8%	2.0%	2.0%	9.0%	5.6%	1.8%	-1.1%	2.7%
Sumter	-	3.2%	3.1%	3.0%	2.9%	2.9%	4.8%	4.6%	4.4%	4.2%	4.0%	3.1%	3.0%	10.0%	2.5%	1.0%	-4.9%	-11.7%
Talbot	-	4.8%	4.6%	4.4%	4.2%	4.1%	5.1%	4.9%	4.6%	4.4%	4.2%	3.2%	3.1%	13.4%	3.6%	-9.4%	-17.1%	-19.9%
Taylor	-	4.4%	4.2%	4.1%	3.9%	3.8%	4.5%	4.3%	4.1%	4.0%	3.8%	2.0%	1.9%	9.1%	7.5%	1.8%	-5.9%	-7.2%
Webster	-	2.6%	2.6%	2.5%	2.4%	2.4%	3.3%	3.2%	3.1%	3.0%	2.9%	2.8%	2.7%	10.0%	0.1%	-7.6%	-9.0%	-13.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table G7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Chattahoochee	-	0.0%	0.0%	0.0%	0.0%	0.0%	9.3%	8.5%	7.9%	7.3%	6.8%	5.9%	5.6%	28.8%	15.2%	1.3%	6.8%	17.5%
Clay	-	-3.7%	-3.8%	-4.0%	-4.2%	-4.3%	0.2%	0.2%	0.2%	0.2%	0.2%	2.7%	2.6%	19.7%	20.2%	8.5%	2.0%	-2.3%
Crisp	-	-1.5%	-1.5%	-1.5%	-1.6%	-1.6%	1.1%	1.1%	1.0%	1.0%	1.0%	1.0%	1.0%	11.7%	21.1%	18.5%	10.9%	2.2%
Dooly	-	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	1.6%	1.6%	1.6%	1.6%	1.5%	4.6%	4.4%	18.7%	13.7%	12.1%	5.6%	-0.6%
Harris	-	0.1%	0.1%	0.1%	0.1%	0.1%	3.4%	3.3%	3.2%	3.1%	3.0%	8.3%	7.7%	44.5%	39.5%	27.0%	20.1%	14.6%
McDuffie	-	0.8%	0.8%	0.7%	0.7%	0.7%	3.7%	3.5%	3.4%	3.3%	3.2%	3.9%	3.8%	20.1%	16.5%	11.9%	8.6%	1.3%
Macon	-	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	1.8%	1.8%	1.7%	1.7%	1.7%	5.5%	5.2%	23.4%	16.0%	13.1%	9.6%	2.3%
Muscogee	-	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	2.2%	2.2%	14.4%	20.9%	22.2%	16.5%	8.4%
Quitman	-	4.3%	4.1%	4.0%	3.8%	3.7%	2.8%	2.7%	2.7%	2.6%	2.5%	4.9%	4.7%	31.1%	24.8%	10.7%	5.2%	-1.9%
Randolph	-	-2.7%	-2.8%	-2.9%	-3.0%	-3.1%	-2.8%	-2.9%	-3.0%	-3.1%	-3.2%	1.7%	1.7%	8.6%	6.7%	4.3%	0.8%	-7.3%
Schley	-	3.8%	3.6%	3.5%	3.4%	3.3%	7.0%	6.6%	6.1%	5.8%	5.5%	8.7%	8.0%	36.0%	21.6%	13.9%	18.3%	20.7%
Stewart	-	-2.7%	-2.8%	-2.9%	-3.0%	-3.1%	-2.6%	-2.7%	-2.7%	-2.8%	-2.9%	0.4%	0.4%	4.3%	8.2%	9.2%	8.7%	8.1%
Sumter	-	-1.9%	-2.0%	-2.0%	-2.1%	-2.1%	0.4%	0.4%	0.4%	0.4%	0.4%	1.5%	1.5%	12.6%	15.6%	7.5%	3.1%	0.7%
Talbot	-	3.6%	3.5%	3.4%	3.3%	3.2%	1.5%	1.4%	1.4%	1.4%	1.4%	5.6%	5.3%	23.6%	17.3%	12.4%	2.8%	-7.2%
Taylor	-	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	0.4%	0.4%	0.4%	0.4%	0.4%	3.9%	3.7%	19.0%	14.8%	9.8%	8.2%	2.6%
Webster	-	-2.9%	-3.0%	-3.1%	-3.2%	-3.3%	-0.9%	-0.9%	-0.9%	-1.0%	-1.0%	0.4%	0.4%	7.8%	12.8%	5.5%	-3.3%	-8.9%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table G8: FY 2018 Program Funding and Trips for River Valley, DHS Region 8

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Non-Urban/Rural	6,036	\$64,215.00
	5310 Large UZA	14,484	\$156,558.36
	SSBG Fed	8,195	\$86,737.13
	SSBG match	128	\$11,827.79
	SSBG (Offset)	0	(\$11,827.79)
	TTS SSBG	9,336	\$98,418.37
	CBS State	2,660	\$27,926.00
	Title III Fed	5,191	\$54,668.30
	Title III State	312	\$3,215.79
	Title III Match	165	\$6,431.54
	Title III (Offset)	0	(\$6,431.54)
	Other	2,143	\$22,474.25
	Total	48,650	\$514,213.20
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	50,648	\$429,908
Grand Total		99,298	\$944,121.20

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table G9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One- Way Trips for Members 60+
Chattahoochee	922	101	47	12	\$51,468	\$3,154	793	186
Clay	1,033	225	130	43	\$56,839	\$7,336	1,857	872
Crisp	7,066	1,060	579	199	\$404,143	\$35,946	12,046	5,544
Dooley	2,947	541	289	93	\$160,816	\$17,321	5,274	1,707
Harris	3,676	539	141	54	\$199,141	\$12,827	2,352	871
Macon	3,558	734	322	152	\$198,056	\$29,605	7,335	2,273
Marion	2,113	323	117	43	\$117,636	\$8,776	1,617	835
Muscogee	48,706	5,635	3,102	944	\$2,800,866	\$202,630	71,845	25,391
Quitman	651	129	51	7	\$33,528	\$1,713	740	306
Randolph	2,363	477	310	84	\$132,279	\$16,118	3,108	823
Schley	1,160	139	61	20	\$61,300	\$4,284	1,542	462
Stewart	1,355	358	176	63	\$73,086	\$12,264	1,851	750
Sumter	9,471	1,394	857	277	\$543,700	\$48,200	26,222	7,222
Talbot	1,526	350	115	44	\$76,667	\$9,330	2,666	1,216
Taylor	2,396	434	207	84	\$136,409	\$17,044	3,393	1,941
Webster	629	114	44	12	\$33,884	\$3,360	394	249
Regional Total	89,572	12,554	6,548	2,131	\$5,079,820	\$429,908	143,035	50,648

Source: Authors' analysis of administrative data provided by DCH

Table G10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Chattahoochee	11%	26%	6%	23%
Clay	22%	33%	13%	47%
Crisp	15%	34%	9%	46%
Dooly	18%	32%	11%	32%
Harris	15%	38%	6%	37%
Macon	21%	47%	15%	31%
Marion	15%	37%	7%	52%
Muscogee	12%	30%	7%	35%
Quitman	20%	14%	5%	41%
Randolph	20%	27%	12%	26%
Schley	12%	33%	7%	30%
Stewart	26%	36%	17%	41%
Sumter	15%	32%	9%	28%
Talbot	23%	38%	12%	46%
Taylor	18%	41%	12%	57%
Webster	18%	27%	10%	63%
Regional Percentage	14%	33%	8%	35%

Source: Authors' analysis of administrative data provided by DCH

Table G11: Public Transportation Data for the Regional Transit Providers

Name	* Mode	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Macon County Transit	DR	\$1.86	0.10	\$24.40	1.3	\$18.86	\$0.00	\$11,373	\$115,525	6,126	4,734	64,615
Clay County	DR	\$0.99	0.04	\$28.02	1.0	\$27.65	\$0.00	\$10,122	\$281,370	10,175	10,042	217,954
Taylor County Transit	DR	\$0.54	0.03	\$38.31	1.9	\$20.16	\$0.00	\$5,641	\$212,364	10,535	5,544	147,810
Talbot County Transit	DR	\$1.71	0.06	\$34.75	1.2	\$28.76	\$0.00	\$22,568	\$379,779	13,206	10,928	192,790
Crisp County Transit	DR	\$0.50	0.02	\$35.18	1.6	\$21.56	\$0.00	\$10,046	\$430,565	19,972	12,239	218,259
Dooly County Transit	DR	\$0.96	0.05	\$32.58	1.7	\$19.27	\$0.00	\$25,309	\$509,816	26,462	15,649	352,567
Metra Transit System (Columbus)	MB	\$0.82	0.27	\$48.21	16.1	\$3.00	\$0.00	\$906,605	\$3,304,475	1,100,385	68,537	897,975
Metra Transit System (Columbus)	DR	\$2.14	0.33	\$16.26	2.5	\$6.42	\$0.00	\$92,037	\$276,544	43,108	17,008	241,064

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

River Valley AAA staff were surveyed to gather information about facilitators and barriers to transportation access within the region. The region is home to one of the larger public transit agencies, METRA, which offers fixed route and demand response services in the Columbus area. However, several counties within the region contain remote areas with limited access to transportation and services.

- Highlights in service
 - To overcome barriers to service delivery in rural areas, region shares vehicles between GDOT, DCH, and DHS programs.
 - Barber's Driving School's Senior Transportation and Relationship Services program is a predominately volunteer-staffed program that offers transportation for older adults to medical services
- Barriers to service access
 - The most significant provider-reported unmet needs included
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Excessive wait times for round-trips
 - Limited public transportation services and hours
 - Inadequate demand response services
 - Excessive ride times for round-trips (i.e., trips are too long due to vehicle picking up multiple passengers)
 - Older adults not connected to senior centers; living in remote areas of the region; limited English proficiency; sensory impairments; and frail elderly who are unable to use transit or attend appointments independently were identified as underserved.

APPENDIX H: REGIONAL PROFILE FOR MIDDLE GEORGIA, DHS REGION 7

The Middle Georgia region is comprised of 11 counties, as illustrated in Figure H1. In 2016, the 65 and older population living in the region totaled 70,040, 14% of the region's population. The region will experience an increase in the 65 and older population, a 48% percent change between 2016 and 2025, and a 27% increase between 2025 and 2040.

Figure H1, Middle Georgia Counties

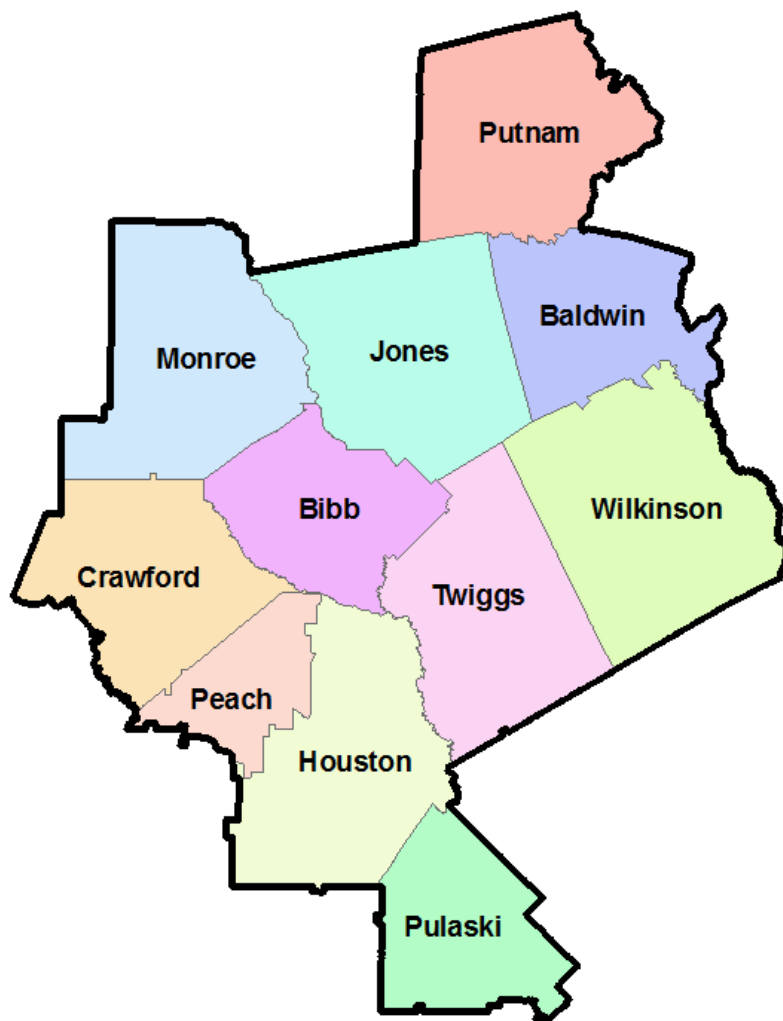


Table H1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Baldwin County	6,276	8,560	9,867
Bibb County	21,587	29,956	34,217
Crawford County	2,085	2,882	3,243
Houston County	17,598	29,203	43,995
Jones County	4,535	6,921	9,399
Monroe County	4,543	7,170	10,208
Peach County	3,525	5,225	5,942
Pulaski County	2,097	2,797	3,104
Putnam County	4,507	6,152	6,543
Twiggs County	1,639	2,253	2,060
Wilkinson County	1,648	2,201	2,226
Total	70,040	103,320	130,804

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table H2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Baldwin County	15.4%	21.6%	24.0%
Bibb County	10.5%	16.9%	24.3%
Crawford County	12.5%	18.1%	24.8%
Houston County	15.9%	21.7%	24.4%
Jones County	18.4%	22.3%	24.6%
Monroe County	15.5%	21.7%	24.7%
Peach County	14.3%	20.8%	24.2%
Pulaski County	15.6%	21.4%	24.8%
Putnam County	13.5%	19.1%	24.8%
Twiggs County	15.5%	20.7%	25.0%
Wilkinson County	17.6%	23.3%	24.5%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table H3: Population Change by Year and Age Group, Middle Georgia Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	92,224	41,034	7,277
2014	97,834	43,967	7,352
2015	103,444	46,900	7,427
2016	109,055	49,833	7,501
2017	114,665	52,766	7,576
2018	120,275	55,699	7,650
2019	126,020	60,193	7,906
2020	131,766	64,686	8,161
2021	137,511	69,179	8,416
2022	143,256	73,672	8,672
2023	149,002	78,165	8,927
2024	155,477	82,891	9,291
2025	161,953	87,617	9,656
2030	191,564	111,539	11,735
2035	214,421	137,028	14,338
2040	229,270	161,995	17,189
2045	238,055	181,806	20,008
2050	249,487	195,502	21,995

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table H4: Percentage Change by Year and Age Group, Middle Georgia Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	6.1%	5.7%	5.4%	5.1%	4.9%	4.8%	4.6%	4.4%	4.2%	4.0%	4.3%	4.2%	18.3%	11.9%	6.9%	3.8%	4.8%
Percentage change 75 to 84	-	7.1%	6.7%	6.3%	5.9%	5.6%	8.1%	7.5%	6.9%	6.5%	6.1%	6.0%	5.7%	27.3%	22.9%	18.2%	12.2%	7.5%
Percentage change 85 or older	-	1.0%	1.0%	1.0%	1.0%	1.0%	3.3%	3.2%	3.1%	3.0%	2.9%	4.1%	3.9%	21.5%	22.2%	19.9%	16.4%	9.9%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table H5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Baldwin	-	2.9%	2.8%	2.8%	2.7%	2.6%	1.7%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	5.0%	-2.6%	-7.4%	-3.6%	1.2%
Bibb	-	4.9%	4.6%	4.4%	4.2%	4.1%	2.8%	2.7%	2.6%	2.6%	2.5%	1.0%	1.0%	2.5%	-2.5%	-5.2%	-3.9%	-0.9%
Crawford	-	1.8%	1.8%	1.8%	1.7%	1.7%	1.7%	1.6%	1.6%	1.6%	1.6%	2.5%	2.5%	8.2%	-3.1%	-11.1%	-10.7%	-7.5%
Houston	-	5.8%	5.4%	5.2%	4.9%	4.7%	5.3%	5.0%	4.8%	4.5%	4.3%	5.1%	4.8%	17.6%	4.8%	0.6%	4.6%	10.1%
Jones	-	4.3%	4.1%	4.0%	3.8%	3.7%	3.3%	3.2%	3.1%	3.0%	2.9%	2.7%	2.6%	10.0%	4.3%	0.5%	-3.2%	-2.1%
Monroe	-	3.9%	3.7%	3.6%	3.5%	3.4%	4.8%	4.6%	4.4%	4.2%	4.0%	3.1%	3.0%	11.7%	5.1%	0.5%	-1.3%	4.2%
Peach	-	3.9%	3.8%	3.6%	3.5%	3.4%	2.8%	2.7%	2.7%	2.6%	2.5%	1.6%	1.6%	3.4%	-5.3%	-8.5%	-4.5%	1.1%
Pulaski	-	2.0%	1.9%	1.9%	1.9%	1.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.5%	0.5%	2.1%	-0.3%	-4.7%	-5.9%	-1.4%
Putnam	-	2.0%	1.9%	1.9%	1.9%	1.8%	1.1%	1.1%	1.0%	1.0%	1.0%	0.6%	0.6%	-0.5%	-5.7%	-5.7%	-3.4%	1.8%
Twiggs	-	2.3%	2.3%	2.2%	2.2%	2.1%	1.3%	1.3%	1.2%	1.2%	1.2%	0.2%	0.2%	-4.0%	-14.3%	-21.4%	-21.5%	-9.2%
Wilkinson	-	0.6%	0.6%	0.6%	0.6%	0.6%	3.5%	3.4%	3.3%	3.2%	3.1%	1.8%	1.8%	2.3%	-9.8%	-14.2%	-9.6%	-1.3%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table H6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Baldwin	-	4.4%	4.2%	4.0%	3.8%	3.7%	4.6%	4.4%	4.2%	4.0%	3.9%	3.4%	3.3%	14.3%	10.8%	6.7%	-1.8%	-6.2%
Bibb	-	3.2%	3.1%	3.0%	3.0%	2.9%	4.5%	4.3%	4.1%	4.0%	3.8%	4.7%	4.5%	19.1%	9.7%	2.2%	-3.1%	-5.6%
Crawford	-	8.6%	7.9%	7.3%	6.8%	6.4%	4.2%	4.0%	3.9%	3.7%	3.6%	2.1%	2.0%	9.6%	9.9%	7.4%	-3.4%	-10.4%
Houston	-	4.5%	4.3%	4.1%	3.9%	3.8%	5.1%	4.9%	4.6%	4.4%	4.2%	5.7%	5.4%	27.5%	25.5%	17.2%	4.8%	1.1%
Jones	-	8.0%	7.4%	6.9%	6.5%	6.1%	5.9%	5.6%	5.3%	5.0%	4.8%	4.5%	4.3%	19.9%	15.4%	10.2%	5.0%	1.5%
Monroe	-	7.9%	7.3%	6.8%	6.4%	6.0%	6.1%	5.8%	5.4%	5.2%	4.9%	4.3%	4.1%	23.1%	21.2%	12.7%	6.5%	2.3%
Peach	-	5.6%	5.3%	5.1%	4.8%	4.6%	4.6%	4.4%	4.2%	4.0%	3.9%	3.8%	3.7%	17.4%	12.5%	4.0%	-5.1%	-8.2%
Pulaski	-	6.9%	6.5%	6.1%	5.7%	5.4%	2.8%	2.7%	2.7%	2.6%	2.5%	2.3%	2.3%	9.3%	4.9%	2.7%	0.4%	-3.9%
Putnam	-	8.9%	8.2%	7.6%	7.0%	6.6%	5.7%	5.4%	5.1%	4.9%	4.7%	2.2%	2.1%	9.0%	5.2%	-0.1%	-4.9%	-4.3%
Twiggs	-	7.8%	7.3%	6.8%	6.3%	6.0%	6.5%	6.1%	5.7%	5.4%	5.1%	2.5%	2.5%	10.2%	4.3%	-4.2%	-14.4%	-21.3%
Wilkinson	-	6.7%	6.3%	5.9%	5.6%	5.3%	2.2%	2.2%	2.1%	2.1%	2.0%	0.9%	0.9%	9.6%	12.8%	1.1%	-10.1%	-13.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table H7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Baldwin	-	0.7%	0.7%	0.7%	0.6%	0.6%	2.1%	2.1%	2.0%	2.0%	1.9%	3.4%	3.3%	18.9%	19.8%	16.5%	13.6%	8.4%
Bibb	-	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	0.8%	0.8%	0.8%	0.8%	0.8%	2.4%	2.3%	14.5%	19.2%	16.7%	9.3%	3.4%
Crawford	-	4.5%	4.3%	4.1%	4.0%	3.8%	9.1%	8.4%	7.7%	7.2%	6.7%	7.5%	7.0%	29.6%	17.4%	11.9%	11.4%	7.9%
Houston	-	3.5%	3.4%	3.3%	3.2%	3.1%	5.3%	5.1%	4.8%	4.6%	4.4%	3.9%	3.7%	23.0%	27.0%	26.5%	25.8%	17.3%
Jones	-	0.7%	0.7%	0.7%	0.7%	0.7%	6.3%	5.9%	5.6%	5.3%	5.0%	6.2%	5.8%	30.1%	26.3%	21.4%	17.8%	12.3%
Monroe	-	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	3.3%	3.2%	3.1%	3.0%	6.3%	5.9%	29.3%	25.7%	25.9%	23.0%	15.4%
Peach	-	1.4%	1.4%	1.4%	1.4%	1.4%	5.8%	5.5%	5.2%	4.9%	4.7%	4.3%	4.1%	23.7%	23.0%	18.3%	13.8%	5.0%
Pulaski	-	-0.9%	-0.9%	-0.9%	-0.9%	-0.9%	5.8%	5.5%	5.2%	5.0%	4.7%	4.8%	4.5%	19.9%	15.3%	12.1%	7.4%	6.1%
Putnam	-	1.3%	1.3%	1.3%	1.3%	1.3%	4.1%	4.0%	3.8%	3.7%	3.5%	7.8%	7.2%	31.6%	19.7%	13.1%	8.8%	2.7%
Twiggs	-	2.1%	2.0%	2.0%	2.0%	1.9%	3.8%	3.7%	3.6%	3.4%	3.3%	6.8%	6.3%	31.3%	21.5%	12.4%	7.0%	-2.0%
Wilkinson	-	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	3.4%	3.3%	3.2%	3.1%	3.0%	5.2%	4.9%	17.3%	7.7%	11.9%	11.5%	1.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table H8: FY 2018 Program Funding and Trips for Middle Georgia, DHS Region 6

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Non-Urban/Rural	2,479	\$29,207.63
	5310 UZA	7,845	\$95,300.00
	SSBG Fed	2,406	\$39,893.03
	SSBG match	328	\$5,439.96
	SSBG (Offset)	(328)	(\$5,439.96)
	TTS SSBG	4,555	\$53,981.45
	Title III Fed	14,920	\$161,517.00
	Title III State	823	\$9,501.00
	Title III Match	1,810	\$19,002.00
	Title III (Offset)	(1,537)	(\$19,002.00)
	Total	33,301	\$389,400.11
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	32,546	\$447,041
Grand Total		65,847	\$836,441.11

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table H9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Baldwin	9,801	1,077	496	126	\$485,885	\$34,589	12,387	2,208
Bibb	45,967	5,608	2,619	764	\$2,357,483	\$190,205	51,577	16,964
Crawford	2,541	390	85	34	\$140,859	\$11,962	1,473	475
Houston	28,618	2,481	973	245	\$1,660,907	\$95,415	17,323	6,489
Jones	5,006	580	92	32	\$240,327	\$15,032	1,864	518
Monroe	4,722	786	167	62	\$220,916	\$21,919	3,842	1,408
Peach	6,412	864	286	84	\$370,631	\$31,024	3,846	810
Pulaski	2,360	411	172	70	\$129,884	\$15,224	3,851	1,748
Putnam	4,684	552	150	49	\$228,151	\$13,666	3,199	667
Twiggs	2,102	388	115	46	\$101,197	\$10,423	2,064	918
Wilkinson	2,561	291	106	28	\$128,185	\$7,583	1,600	341
Regional Total	114,774	13,429	5,261	1,540	\$6,064,425	\$447,041	103,026	32,546

Source: Authors' analysis of administrative data provided by DCH

Table H10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Baldwin	11%	25%	7%	18%
Bibb	12%	29%	8%	33%
Crawford	15%	40%	8%	32%
Houston	9%	25%	6%	37%
Jones	12%	35%	6%	28%
Monroe	17%	37%	10%	37%
Peach	13%	29%	8%	21%
Pulaski	17%	41%	12%	45%
Putnam	12%	33%	6%	21%
Twiggs	18%	40%	10%	44%
Wilkinson	11%	26%	6%	21%
Regional Percentage	12%	29%	7%	32%

Source: Authors' analysis of administrative data provided by DCH

Table H11: Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Crawford County Transit	DR	\$1.55	0.04	\$22.24	0.6	\$36.01	\$0.00	\$4,997	\$115,841	3,217	5,208	71,932
Jones County Transit	DR	\$1.09	0.03	\$37.21	1.1	\$35.18	\$0.00	\$5,137	\$165,212	4,696	4,440	50,569
Twiggs County Transit	DR	\$1.42	0.06	\$31.74	1.4	\$22.78	\$0.00	\$7,106	\$114,273	5,017	3,600	64,186
Pulaski County Transit	DR	\$0.79	0.06	\$31.54	2.6	\$12.27	\$0.00	\$4,018	\$62,576	5,100	1,984	27,884
Putnam County Commission Transit	DR	\$1.51	0.13	\$40.79	3.4	\$11.88	\$0.00	\$25,457	\$200,070	16,841	4,905	93,976
Wilkinson County Commission Transit	DR	\$0.83	0.04	\$37.63	1.6	\$23.10	\$0.00	\$6,753	\$188,153	8,145	5,000	94,770
Baldwin County Transit	DR	\$1.89	0.14	\$32.92	2.5	\$13.21	\$0.00	\$18,346	\$128,065	9,693	3,890	63,506
Macon-Bibb County Transit Authority	MB	\$1.04	0.15	\$77.26	10.9	\$7.07	\$0.00	\$900,569	\$6,113,629	864,458	79,133	1,403,452
Peach County Transit	DR	\$0.84	0.06	\$27.85	1.9	\$14.77	\$0.00	\$8,593	\$151,288	10,241	5,432	70,301
Total								\$980,976	\$7,239,107	927,408	113,592	1,940,576

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Middle Georgia AAA staff were surveyed regarding existing transportation strategies and programs that are working well, as well as barriers to access within the region. The region contains both higher and lower-density areas, with more services concentrated within Macon-Bibb county compared to other counties.

- Highlights in service
 - Some county transit providers will cross county lines, which enhances access to services for some older adults within the region
- Barriers to service access
 - The most significant provider-reported unmet needs included
 - Inadequate demand response services
 - Inadequate and/or accessibility of information about services
- Older adults who reside in the two counties within the region without public transit systems were identified as an underserved group.
- Medical transportation emerged as a particularly salient unmet need for residents of these counties.

APPENDIX I: REGIONAL PROFILE FOR CENTRAL SAVANNAH RIVER AREA, DHS REGION 8

The Central Savannah River Area region is comprised of 14 counties, as illustrated in Figure X. In 2016, the 65 and older population living in the region totaled 66,742, 14% of the region's population. The region will experience a large increase in the 65 and older population, with a 54% percent change between 2016 and 2025, and a 32% increase between 2025 and 2040.

Figure I1: Central Savannah River Area Region Counties



Table I1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Burke County	3,197	4,786	5,200
Columbia County	16,229	30,068	52,320
GlascocK County	516	862	1,264
Hancock County	1,697	1,929	1,583
Jefferson County	2,738	3,640	3,812
Jenkins County	1,603	1,935	2,137
Lincoln County	1,581	2,202	2,130
Madison County	4,481	7,488	10,520
Richmond County	25,379	37,832	43,856
Screven County	2,357	3,414	3,590
Taliaferro County	425	485	450
Warren County	1,128	1,330	1,208
Washington County	3,288	4,636	5,343
Wilkes County	2,124	2,474	2,284
Total	66,743	103,081	135,697

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table I2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Burke County	12.5%	17.8%	20.5%
Columbia County	9.2%	13.9%	20.0%
GlascocK County	12.3%	17.0%	21.2%
Hancock County	11.6%	16.7%	21.0%
Jefferson County	13.9%	17.8%	20.5%
Jenkins County	12.0%	16.3%	20.3%
Lincoln County	13.7%	18.6%	21.3%
Madison County	12.6%	18.1%	21.0%
Richmond County	13.7%	17.7%	20.1%
Screven County	11.2%	16.9%	20.6%
Taliaferro County	13.7%	18.1%	21.0%
Warren County	13.1%	18.8%	20.9%
Washington County	15.0%	19.1%	20.6%
Wilkes County	10.2%	15.6%	20.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table I3: Population Change by Year and Age Group, Central Savannah River Area Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	82,908	37,399	7,189
2014	86,652	39,563	7,233
2015	90,395	41,728	7,276
2016	94,139	43,893	7,320
2017	97,882	46,057	7,364
2018	101,626	48,222	7,407
2019	105,221	51,447	7,561
2020	108,817	54,671	7,715
2021	112,412	57,896	7,869
2022	116,008	61,121	8,023
2023	119,603	64,345	8,178
2024	123,557	67,471	8,544
2025	127,510	70,596	8,910
2030	145,011	86,043	11,128
2035	156,944	101,691	14,104
2040	163,199	116,118	17,339
2045	167,202	126,133	20,363
2050	176,269	132,160	22,573

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table I4: Percentage Change by Year and Age Group, Central Savannah River Area Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	4.5%	4.3%	4.1%	4.0%	3.8%	3.5%	3.4%	3.3%	3.2%	3.1%	3.3%	3.2%	13.7%	8.2%	4.0%	2.5%	5.4%
Percentage change 75 to 84	-	5.8%	5.5%	5.2%	4.9%	4.7%	6.7%	6.3%	5.9%	5.6%	5.3%	4.9%	4.6%	21.9%	18.2%	14.2%	8.6%	4.8%
Percentage change 85 or older	-	0.6%	0.6%	0.6%	0.6%	0.6%	2.1%	2.0%	2.0%	2.0%	1.9%	4.5%	4.3%	24.9%	26.7%	22.9%	17.4%	10.9%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table I5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Burke	-	4.5%	4.3%	4.1%	4.0%	3.8%	2.7%	2.6%	2.5%	2.5%	2.4%	1.5%	1.5%	1.7%	-8.1%	-10.9%	-8.9%	-2.5%
Columbia	-	7.8%	7.2%	6.7%	6.3%	5.9%	5.8%	5.5%	5.2%	4.9%	4.7%	4.5%	4.3%	19.3%	14.0%	10.5%	9.7%	12.2%
Glascock	-	3.2%	3.1%	3.0%	2.9%	2.8%	4.3%	4.1%	4.0%	3.8%	3.7%	4.7%	4.5%	14.8%	4.8%	4.2%	-1.6%	-4.4%
Hancock	-	2.5%	2.5%	2.4%	2.4%	2.3%	0.3%	0.3%	0.3%	0.3%	0.3%	-1.8%	-1.8%	-9.9%	-13.3%	-16.6%	-12.3%	-2.7%
Jefferson	-	2.9%	2.8%	2.7%	2.7%	2.6%	2.0%	1.9%	1.9%	1.8%	1.8%	0.3%	0.3%	-0.2%	-5.0%	-9.7%	-9.8%	-3.2%
Jenkins	-	3.0%	2.9%	2.9%	2.8%	2.7%	1.1%	1.1%	1.0%	1.0%	1.0%	2.0%	2.0%	5.0%	-4.4%	-7.5%	-5.5%	-1.7%
Lincoln	-	3.3%	3.2%	3.1%	3.0%	2.9%	1.8%	1.8%	1.7%	1.7%	1.7%	0.3%	0.3%	-2.8%	-12.0%	-15.3%	-12.3%	-5.6%
Madison	-	4.8%	4.6%	4.4%	4.2%	4.0%	3.9%	3.7%	3.6%	3.5%	3.4%	3.7%	3.5%	12.3%	2.2%	-2.0%	-2.5%	-1.5%
Richmond	-	5.1%	4.8%	4.6%	4.4%	4.2%	3.5%	3.3%	3.2%	3.1%	3.0%	1.4%	1.4%	2.9%	-4.3%	-5.7%	-2.1%	3.7%
Screven	-	4.2%	4.0%	3.9%	3.7%	3.6%	1.9%	1.9%	1.9%	1.8%	1.8%	0.5%	0.5%	-0.7%	-7.9%	-12.1%	-8.5%	-1.6%
Taliaferro	-	5.2%	5.0%	4.7%	4.5%	4.3%	1.6%	1.5%	1.5%	1.5%	1.5%	-1.9%	-2.0%	-8.5%	-9.3%	-14.3%	-13.0%	-7.0%
Warren	-	1.7%	1.6%	1.6%	1.6%	1.6%	2.0%	1.9%	1.9%	1.9%	1.8%	-0.1%	-0.1%	-4.9%	-12.7%	-14.8%	-13.2%	-5.3%
Washington	-	3.9%	3.7%	3.6%	3.5%	3.4%	2.2%	2.2%	2.1%	2.1%	2.0%	2.3%	2.3%	7.3%	-3.9%	-11.7%	-7.1%	1.4%
Wilkes	-	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.5%	0.1%	0.1%	-3.2%	-9.5%	-12.3%	-12.4%	-6.5%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table I6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Burke	-	5.3%	5.1%	4.8%	4.6%	4.4%	7.1%	6.7%	6.2%	5.9%	5.6%	4.5%	4.3%	18.3%	10.5%	1.2%	-8.3%	-10.9%
Columbia	-	6.7%	6.3%	5.9%	5.6%	5.3%	8.8%	8.1%	7.5%	7.0%	6.5%	7.9%	7.3%	34.5%	26.0%	19.5%	14.7%	11.4%
Glascocock	-	4.7%	4.5%	4.3%	4.1%	3.9%	8.6%	7.9%	7.3%	6.8%	6.4%	3.2%	3.1%	19.3%	23.2%	14.6%	5.6%	5.1%
Hancock	-	3.3%	3.2%	3.1%	3.0%	2.9%	3.7%	3.6%	3.4%	3.3%	3.2%	2.5%	2.5%	8.0%	-2.6%	-10.3%	-13.6%	-15.1%
Jefferson	-	5.7%	5.4%	5.1%	4.8%	4.6%	4.4%	4.2%	4.0%	3.9%	3.7%	2.9%	2.9%	12.7%	6.4%	-0.6%	-5.2%	-9.4%
Jenkins	-	6.0%	5.7%	5.4%	5.1%	4.9%	6.2%	5.9%	5.5%	5.3%	5.0%	3.1%	3.0%	11.5%	7.6%	4.4%	-4.6%	-7.3%
Lincoln	-	6.4%	6.0%	5.7%	5.4%	5.1%	4.5%	4.3%	4.1%	4.0%	3.8%	3.3%	3.2%	13.2%	5.8%	-3.0%	-11.5%	-14.2%
Madison	-	7.4%	6.9%	6.4%	6.0%	5.7%	7.8%	7.2%	6.8%	6.3%	6.0%	4.9%	4.7%	22.6%	19.5%	12.6%	3.1%	-0.6%
Richmond	-	4.1%	3.9%	3.8%	3.6%	3.5%	5.4%	5.1%	4.9%	4.7%	4.4%	5.1%	4.9%	21.6%	12.4%	2.3%	-5.0%	-6.0%
Screven	-	6.6%	6.2%	5.8%	5.5%	5.2%	6.8%	6.3%	5.9%	5.6%	5.3%	4.1%	4.0%	15.8%	6.9%	-0.1%	-7.3%	-11.0%
Taliaferro	-	0.8%	0.8%	0.8%	0.8%	0.8%	5.6%	5.3%	5.0%	4.8%	4.6%	4.9%	4.7%	16.5%	0.2%	-8.2%	-9.1%	-12.8%
Warren	-	2.5%	2.4%	2.3%	2.3%	2.2%	3.5%	3.4%	3.3%	3.2%	3.1%	1.8%	1.8%	9.6%	5.7%	-4.4%	-11.6%	-13.7%
Washington	-	5.5%	5.2%	5.0%	4.7%	4.5%	5.5%	5.2%	5.0%	4.7%	4.5%	3.8%	3.7%	15.5%	11.6%	7.6%	-3.5%	-10.6%
Wilkes	-	5.0%	4.8%	4.6%	4.4%	4.2%	3.3%	3.2%	3.1%	3.0%	2.9%	0.6%	0.6%	3.4%	2.4%	-3.2%	-9.1%	-11.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table I7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Burke	-	0.8%	0.8%	0.8%	0.8%	0.8%	1.6%	1.5%	1.5%	1.5%	1.5%	4.7%	4.5%	26.5%	25.6%	18.2%	12.2%	2.6%
Columbia	-	1.1%	1.1%	1.1%	1.0%	1.0%	3.4%	3.3%	3.2%	3.1%	3.0%	5.8%	5.5%	34.4%	39.3%	34.3%	28.0%	22.1%
Glascocock	-	8.8%	8.1%	7.5%	7.0%	6.5%	1.3%	1.3%	1.3%	1.2%	1.2%	5.6%	5.3%	25.7%	18.4%	16.5%	19.4%	13.2%
Hancock	-	-1.5%	-1.5%	-1.5%	-1.5%	-1.5%	0.3%	0.3%	0.3%	0.3%	0.3%	2.1%	2.1%	12.7%	13.8%	7.8%	-1.1%	-6.4%
Jefferson	-	-0.8%	-0.9%	-0.9%	-0.9%	-0.9%	0.7%	0.7%	0.7%	0.7%	0.7%	4.7%	4.5%	19.8%	15.8%	13.7%	7.5%	1.9%
Jenkins	-	1.5%	1.5%	1.5%	1.5%	1.5%	1.8%	1.7%	1.7%	1.7%	1.6%	3.2%	3.1%	17.5%	15.5%	9.2%	7.5%	3.4%
Lincoln	-	3.3%	3.2%	3.1%	3.0%	2.9%	5.2%	4.9%	4.7%	4.5%	4.3%	5.1%	4.8%	23.8%	19.9%	14.4%	8.1%	0.9%
Madison	-	4.6%	4.4%	4.2%	4.0%	3.9%	7.0%	6.5%	6.1%	5.8%	5.5%	6.8%	6.4%	36.4%	31.5%	24.4%	22.8%	14.7%
Richmond	-	0.7%	0.7%	0.7%	0.7%	0.7%	1.2%	1.2%	1.2%	1.2%	1.1%	3.7%	3.5%	20.0%	23.0%	20.4%	12.4%	3.7%
Screven	-	-1.7%	-1.8%	-1.8%	-1.8%	-1.9%	1.8%	1.7%	1.7%	1.7%	1.6%	4.7%	4.5%	25.8%	24.4%	16.8%	9.8%	2.8%
Taliaferro	-	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-2.2%	-2.2%	-2.3%	-2.3%	-2.4%	1.3%	1.2%	13.7%	21.7%	13.7%	2.1%	-4.2%
Warren	-	-2.0%	-2.0%	-2.1%	-2.1%	-2.2%	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%	1.4%	1.4%	9.7%	11.6%	10.5%	6.9%	-2.1%
Washington	-	-1.3%	-1.3%	-1.3%	-1.3%	-1.3%	1.1%	1.1%	1.1%	1.1%	1.1%	4.2%	4.0%	21.4%	20.3%	16.0%	13.6%	8.9%
Wilkes	-	-2.4%	-2.5%	-2.5%	-2.6%	-2.7%	1.8%	1.8%	1.8%	1.7%	1.7%	2.7%	2.7%	14.4%	10.2%	5.3%	4.3%	-2.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table I8: FY 2018 Program Funding and Trips for Central Savannah River Area, DHS Region 7

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 (unspecified)	2,429	\$17,255.94
	5310 NU/R	8,405	\$239,784.18
	5310 UZA	50,382	\$208,527.66
	5310 Large UZA	1,589	\$16,797.74
	SSBG Fed	4,409	\$39,779.39
	SSBG match	602	\$5,424.46
	SSBG (Offset)	0	(\$5,424.46)
	TTS SSBG	6,596	\$100,675.61
	Title III Fed	13,220	\$118,236.84
	Title III State	837	\$6,955.10
	Title III Match	1,673	\$13,910.23
	Title III (Offset)	0	(\$13,910.23)
	Other	7,512	\$87,449
	Total	97,654	\$835,461.46
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	48,034	\$479,769
Grand Total		145,688	\$1,315,230.46

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table I9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Appling	5,178	693	186	68	\$291,889	\$21,340	2,083	790
Bleckley	2,934	388	210	49	\$145,919	\$11,893	5,525	1,373
Candler	3,511	580	312	137	\$197,148	\$22,748	2,797	1,170
Dodge	5,366	830	552	172	\$266,025	\$25,620	7,455	1,989
Emanuel	7,684	1,136	449	160	\$442,818	\$40,137	5,124	1,549
Evans	3,409	417	248	65	\$198,868	\$14,460	2,189	829
Jeff Davis	4,665	563	203	64	\$263,465	\$14,581	2,283	730
Johnson	2,375	493	266	117	\$130,954	\$17,523	5,306	1,927
Laurens	14,247	1,785	1,227	324	\$714,279	\$51,458	24,682	4,860
Montgomery	2,065	318	118	25	\$106,546	\$9,194	2,587	1,233
Tattnall	5,885	840	445	168	\$329,844	\$30,094	4,968	2,337
Telfair	3,473	594	430	172	\$178,969	\$19,936	6,353	1,998
Toombs	9,155	1,449	625	245	\$508,604	\$50,762	7,493	3,351
Treutlen	1,970	354	141	50	\$104,964	\$11,256	2,735	975
Wayne	7,927	1,034	405	110	\$449,064	\$31,795	4,743	1,180
Wheeler	1,664	269	121	46	\$90,811	\$8,601	925	541
Wilcox	2,225	382	224	80	\$125,419	\$13,601	2,985	791
Regional Total	83,732	12,123	6,162	2,052	\$4,545,585	\$395,001	90,233	27,623

Source: Authors' analysis of administrative data provided by DCH

Table I10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Appling	13%	37%	7%	38%
Bleckley	13%	23%	8%	25%
Candler	17%	44%	12%	42%
Dodge	15%	31%	10%	27%
Emanuel	15%	36%	9%	30%
Evans	12%	26%	7%	38%
Jeff Davis	12%	32%	6%	32%
Johnson	21%	44%	13%	36%
Laurens	13%	26%	7%	20%
Montgomery	15%	21%	9%	48%
Tattnall	14%	38%	9%	47%
Telfair	17%	40%	11%	31%
Toombs	16%	39%	10%	45%
Treutlen	18%	35%	11%	36%
Wayne	13%	27%	7%	25%
Wheeler	16%	38%	9%	58%
Wilcox	17%	36%	11%	26%
Regional Percentage	14%	33%	9%	31%

Source: Authors' analysis of administrative data provided by DCH

Table I11: Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Warren Country Transmission	DR	\$0.90	0.04	\$29.57	1.4	\$21.18	\$0.00	\$4,698	\$110,834	5,232	3,748	53,168
Taliaferro County Board of Commissioners	DR	\$0.92	0.09	\$20.05	1.9	\$10.32	\$0.00	\$5,302	\$59,642	5,779	2,974	35,758
Glasscock County Transit	DR	\$0.49	0.04	\$18.45	1.7	\$11.17	\$0.00	\$3,175	\$72,799	6,515	3,946	41,068
Lincoln County Transit	DR	\$0.23	0.03	\$11.92	1.7	\$6.89	\$0.00	\$2,389	\$71,348	10,359	5,984	44,624
McDuffie County Commission Transit	DR	\$0.25	0.04	\$27.08	4.6	\$5.85	\$0.00	\$9,818	\$230,204	39,341	8,502	129,635
Wilkes County Commission Transit	DR	\$1.18	0.10	\$32.71	2.8	\$11.85	\$0.00	\$18,057	\$181,557	15,317	5,550	109,308
Handcock County Transit	DR	\$0.65	0.08	\$13.85	1.7	\$8.02	\$0.00	\$11,697	\$143,203	17,866	10,336	150,536
Augusta Richmond County Transit Department	MB	\$0.80	0.18	\$79.77	17.9	\$4.46	\$1.43	\$615,927	\$3,419,653	767,109	42,870	552,821
Burke County Transit	DR	\$0.95	0.07	\$34.70	2.4	\$14.53	\$0.00	\$17,666	\$269,420	18,542	7,756	154,947
Jefferson County Transit	DR	\$1.33	0.11	\$25.32	2.1	\$12.12	\$0.00	\$35,657	\$325,301	26,833	12,848	206,781
Columbia County Commission Transit	DR	\$0.50	0.05	\$34.45	3.6	\$9.56	\$0.00	\$28,162	\$537,314	56,226	15,596	273,563
Total								\$752,548	\$5,421,275	969,119	120,119	1,752,209

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Central Savannah River Area AAA staff were surveyed to gain insight into facilitators and barriers to transportation access within the region. The AAA has previously initiated several attempts to mitigate specific unmet needs through the Coordinated Transportation System, such as a dialysis transportation pilot program, but has encountered challenges in sustaining these efforts due to limited funding.

- Highlights in service
 - Piloted a dialysis transportation program last state fiscal year
 - Addressed one of the most prominent unmet needs in the region
 - However, found that the need was greater than anticipated, and had to end the program due to inadequate funding
- Barriers to service access
 - The most significant provider-reported unmet needs included
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Limited public transportation services and hours
 - Excessive ride times for round-trips
 - Cost of using public transit and affordability issues
 - Insufficient public transit frequencies
 - Respondents highlighted after-hours transportation services as a significant unmet need for quality-of-life trips.
 - Specifically to special events that seniors want to attend, but cannot as they do not drive after dark or do not have an alternative transportation option
 - Respondents also indicated a desire to start a voucher program, but that cost is a barrier.
 - Seniors not connected to senior centers were identified as an underserved population.

APPENDIX J: REGIONAL PROFILE FOR HEART OF GEORGIA, DHS REGION 9

The Heart of Georgia region is comprised of 17 counties, as illustrated in Figure J1. In 2016, the 65 and older population living in the region totaled 45,505, 15% of the region's population. The region will experience an increase of 41% in the 65 and older population between 2016 and 2025, and a 21% increase between 2025 and 2040.

Figure J1: Heart of Georgia Region Counties



Table J1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Appling County	2,835	4,288	5,133
Bleckley County	2,156	2,374	2,506
Candler County	1,820	2,499	2,708
Dodge County	3,170	4,502	5,467
Emanuel County	3,545	5,163	6,048
Evans County	1,685	2,243	2,693
Jeff Davis County	2,093	3,228	3,971
Johnson County	1,493	2,134	2,632
Laurens County	7,744	10,424	12,364
Montgomery County	1,405	1,923	2,197
Tattnall County	3,056	4,948	6,912
Telfair County	2,494	3,272	4,012
Toombs County	4,074	5,672	6,536
Treutlen County	1,161	1,470	1,649
Wayne County	4,321	6,592	8,273
Wheeler County	1,031	1,679	2,671
Wilcox County	1,421	1,847	2,209
Total	45,505	64,258	77,981

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table J2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Appling County	12.5%	18.0%	22.3%
Bleckley County	17.0%	20.4%	21.3%
Candler County	12.4%	17.7%	21.6%
Dodge County	15.2%	21.1%	22.4%
Emanuel County	11.3%	17.7%	21.6%
Evans County	11.8%	16.7%	21.4%
Jeff Davis County	11.1%	16.6%	21.9%
Johnson County	16.6%	21.7%	22.8%
Laurens County	15.2%	19.6%	21.9%
Montgomery County	15.7%	19.7%	22.4%
Tattnall County	12.8%	17.2%	21.8%
Telfair County	11.9%	16.8%	22.5%
Toombs County	14.0%	18.8%	21.3%
Treutlen County	14.8%	19.3%	22.4%
Wayne County	10.0%	15.2%	22.1%
Wheeler County	13.6%	17.5%	22.6%
Wilcox County	15.6%	20.7%	22.4%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table J3: Population Change by Year and Age Group, Heart of Georgia Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	146,799	65,732	4,884
2014	156,232	69,710	4,912
2015	165,664	73,689	4,941
2016	175,097	77,667	4,970
2017	184,529	81,646	4,998
2018	193,961	85,625	5,027
2019	202,240	92,204	5,188
2020	210,519	98,784	5,350
2021	218,798	105,364	5,511
2022	227,077	111,944	5,673
2023	235,356	118,524	5,834
2024	242,854	126,020	6,056
2025	250,352	133,517	6,278
2030	283,088	169,240	7,593
2035	305,650	201,120	9,133
2040	319,420	227,245	10,588
2045	328,689	245,228	11,967
2050	343,272	256,565	12,871

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table J4: Percentage Change by Year and Age Group, Heart of Georgia Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	6.4%	6.0%	5.7%	5.4%	5.1%	4.3%	4.1%	3.9%	3.8%	3.6%	3.2%	3.1%	13.1%	8.0%	4.5%	2.9%	4.4%
Percentage change 75 to 84	-	6.1%	5.7%	5.4%	5.1%	4.9%	7.7%	7.1%	6.7%	6.2%	5.9%	6.3%	5.9%	26.8%	18.8%	13.0%	7.9%	4.6%
Percentage change 85 or older	-	0.6%	0.6%	0.6%	0.6%	0.6%	3.2%	3.1%	3.0%	2.9%	2.8%	3.8%	3.7%	20.9%	20.3%	15.9%	13.0%	7.6%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table J5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Appling	-	4.3%	4.2%	4.0%	3.8%	3.7%	2.7%	2.7%	2.6%	2.5%	2.5%	1.5%	1.5%	4.0%	-1.6%	-3.6%	-3.1%	0.5%
Bleckley	-	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	0.6%	0.6%	0.6%	0.6%	0.6%	2.1%	2.0%	5.5%	-4.8%	-11.2%	-9.8%	-1.3%
Candler	-	3.1%	3.0%	2.9%	2.8%	2.8%	0.9%	0.9%	0.8%	0.8%	0.8%	0.9%	0.9%	0.8%	-4.8%	-4.3%	-2.9%	-1.9%
Dodge	-	3.6%	3.5%	3.4%	3.3%	3.2%	2.3%	2.3%	2.2%	2.2%	2.1%	1.7%	1.7%	6.2%	1.7%	-4.0%	-8.6%	-3.4%
Emanuel	-	3.5%	3.4%	3.3%	3.2%	3.1%	1.8%	1.8%	1.8%	1.7%	1.7%	1.9%	1.8%	5.7%	-2.7%	-5.6%	-0.1%	3.9%
Evans	-	2.6%	2.5%	2.5%	2.4%	2.3%	3.3%	3.2%	3.1%	3.0%	2.9%	2.8%	2.7%	7.5%	-3.1%	-5.4%	-0.4%	4.3%
Jeff Davis	-	3.8%	3.6%	3.5%	3.4%	3.3%	2.7%	2.6%	2.6%	2.5%	2.4%	1.6%	1.6%	5.7%	1.7%	-1.8%	-5.7%	-3.5%
Johnson	-	3.1%	3.0%	2.9%	2.8%	2.7%	2.5%	2.5%	2.4%	2.4%	2.3%	3.1%	3.0%	9.5%	-0.6%	-4.4%	-2.7%	0.5%
Laurens	-	2.9%	2.8%	2.7%	2.6%	2.6%	2.3%	2.3%	2.2%	2.2%	2.1%	1.7%	1.7%	6.0%	0.3%	-3.4%	-2.5%	0.9%
Montgomery	-	2.4%	2.4%	2.3%	2.3%	2.2%	2.2%	2.2%	2.1%	2.1%	2.0%	1.1%	1.1%	2.8%	-2.6%	-4.7%	-5.4%	-4.6%
Tattnall	-	4.5%	4.3%	4.1%	3.9%	3.8%	3.9%	3.8%	3.6%	3.5%	3.4%	3.4%	3.3%	12.6%	5.2%	1.5%	1.6%	5.2%
Telfair	-	2.9%	2.8%	2.7%	2.6%	2.6%	3.4%	3.3%	3.2%	3.1%	3.0%	1.4%	1.4%	4.5%	1.7%	2.1%	1.0%	-0.8%
Toombs	-	3.1%	3.0%	2.9%	2.9%	2.8%	1.8%	1.8%	1.8%	1.7%	1.7%	1.3%	1.3%	4.2%	0.0%	-2.8%	-3.1%	0.7%
Treutlen	-	5.1%	4.9%	4.6%	4.4%	4.2%	3.1%	3.0%	2.9%	2.8%	2.8%	0.0%	0.0%	-1.7%	-3.8%	-4.6%	-3.3%	1.6%
Wayne	-	4.0%	3.9%	3.7%	3.6%	3.5%	2.5%	2.4%	2.4%	2.3%	2.2%	2.6%	2.5%	8.0%	0.4%	-1.1%	-1.2%	0.0%
Wheeler	-	5.9%	5.5%	5.2%	5.0%	4.7%	3.1%	3.0%	2.9%	2.9%	2.8%	3.2%	3.1%	17.4%	15.5%	6.8%	2.9%	10.3%
Wilcox	-	3.2%	3.1%	3.0%	3.0%	2.9%	2.5%	2.4%	2.4%	2.3%	2.3%	1.2%	1.2%	5.4%	1.8%	-3.8%	-4.2%	1.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table J6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Appling	-	6.0%	5.6%	5.3%	5.1%	4.8%	5.8%	5.5%	5.2%	5.0%	4.7%	4.4%	4.2%	18.4%	11.0%	4.1%	-1.2%	-3.1%
Bleckley	-	3.2%	3.1%	3.0%	3.0%	2.9%	2.1%	2.1%	2.0%	2.0%	2.0%	0.4%	0.4%	4.2%	9.1%	6.2%	-4.5%	-10.5%
Candler	-	7.4%	6.9%	6.4%	6.0%	5.7%	6.1%	5.7%	5.4%	5.1%	4.9%	3.2%	3.1%	10.7%	4.3%	0.8%	-5.1%	-4.8%
Dodge	-	3.6%	3.4%	3.3%	3.2%	3.1%	4.5%	4.3%	4.1%	3.9%	3.8%	3.8%	3.6%	15.8%	10.5%	6.7%	2.4%	-3.7%
Emanuel	-	5.2%	4.9%	4.7%	4.5%	4.3%	5.8%	5.5%	5.2%	4.9%	4.7%	3.4%	3.3%	13.7%	9.5%	5.5%	-3.0%	-5.5%
Evans	-	3.1%	3.0%	3.0%	2.9%	2.8%	3.1%	3.0%	2.9%	2.9%	2.8%	3.0%	2.9%	15.7%	14.8%	7.0%	-2.7%	-4.4%
Jeff Davis	-	7.1%	6.6%	6.2%	5.9%	5.5%	5.8%	5.5%	5.2%	4.9%	4.7%	3.7%	3.5%	16.0%	10.5%	4.8%	1.1%	-2.4%
Johnson	-	4.4%	4.2%	4.0%	3.9%	3.7%	6.5%	6.1%	5.8%	5.4%	5.2%	3.2%	3.1%	14.8%	13.7%	8.9%	-0.1%	-2.8%
Laurens	-	4.6%	4.4%	4.2%	4.0%	3.9%	4.6%	4.4%	4.2%	4.0%	3.9%	2.9%	2.9%	13.4%	10.3%	6.0%	0.5%	-3.0%
Montgomery	-	6.6%	6.2%	5.9%	5.5%	5.2%	3.3%	3.2%	3.1%	3.0%	2.9%	2.6%	2.6%	12.4%	9.5%	3.6%	-2.6%	-4.7%
Tattnall	-	5.5%	5.2%	4.9%	4.7%	4.5%	4.9%	4.7%	4.5%	4.3%	4.1%	4.5%	4.3%	21.1%	18.3%	12.4%	5.0%	1.6%
Telfair	-	2.7%	2.7%	2.6%	2.5%	2.5%	2.3%	2.3%	2.2%	2.2%	2.1%	3.2%	3.1%	16.9%	13.6%	5.9%	3.4%	4.4%
Toombs	-	5.2%	5.0%	4.7%	4.5%	4.3%	5.1%	4.8%	4.6%	4.4%	4.2%	3.1%	3.0%	12.3%	6.8%	2.9%	-1.0%	-4.1%
Treutlen	-	4.9%	4.7%	4.5%	4.3%	4.1%	4.5%	4.3%	4.1%	4.0%	3.8%	5.3%	5.0%	21.6%	8.9%	-2.1%	-4.1%	-4.5%
Wayne	-	5.2%	4.9%	4.7%	4.5%	4.3%	6.2%	5.9%	5.5%	5.2%	5.0%	4.0%	3.8%	16.3%	11.9%	7.1%	-0.1%	-1.5%
Wheeler	-	6.0%	5.7%	5.4%	5.1%	4.9%	8.5%	7.8%	7.3%	6.8%	6.3%	5.7%	5.4%	23.3%	16.6%	17.6%	16.4%	7.9%
Wilcox	-	3.0%	2.9%	2.8%	2.7%	2.7%	4.3%	4.1%	3.9%	3.8%	3.6%	3.5%	3.4%	15.6%	10.2%	5.3%	1.7%	-3.9%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table J7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Appling	-	0.4%	0.4%	0.4%	0.4%	0.4%	4.3%	4.1%	4.0%	3.8%	3.7%	4.5%	4.3%	25.3%	24.6%	18.6%	13.6%	6.4%
Bleckley	-	-2.6%	-2.7%	-2.8%	-2.9%	-2.9%	1.5%	1.5%	1.5%	1.4%	1.4%	1.4%	1.3%	9.6%	10.2%	8.5%	11.0%	5.2%
Candler	-	-1.1%	-1.1%	-1.2%	-1.2%	-1.2%	4.7%	4.5%	4.3%	4.1%	3.9%	5.0%	4.8%	26.8%	21.7%	11.1%	7.3%	2.1%
Dodge	-	3.6%	3.4%	3.3%	3.2%	3.1%	4.8%	4.6%	4.4%	4.2%	4.0%	3.1%	3.0%	19.2%	21.2%	16.6%	13.1%	8.4%
Emanuel	-	2.3%	2.2%	2.2%	2.1%	2.1%	4.8%	4.6%	4.4%	4.2%	4.0%	4.3%	4.1%	24.7%	22.5%	14.6%	12.1%	5.8%
Evans	-	4.6%	4.4%	4.2%	4.1%	3.9%	4.0%	3.9%	3.7%	3.6%	3.5%	3.3%	3.2%	17.0%	16.8%	16.9%	15.8%	8.2%
Jeff Davis	-	2.2%	2.2%	2.1%	2.1%	2.1%	6.1%	5.8%	5.5%	5.2%	4.9%	5.8%	5.5%	28.4%	23.4%	16.8%	11.7%	6.3%
Johnson	-	-0.9%	-0.9%	-0.9%	-0.9%	-0.9%	0.6%	0.6%	0.6%	0.6%	0.6%	3.2%	3.1%	20.6%	21.0%	16.4%	16.7%	9.6%
Laurens	-	-1.4%	-1.4%	-1.4%	-1.5%	-1.5%	0.8%	0.8%	0.8%	0.8%	0.8%	3.5%	3.4%	17.9%	17.1%	14.6%	12.1%	7.4%
Montgomery	-	6.7%	6.3%	5.9%	5.6%	5.3%	7.5%	7.0%	6.6%	6.2%	5.8%	6.4%	6.0%	26.2%	18.8%	15.5%	11.3%	6.1%
Tattnall	-	2.7%	2.7%	2.6%	2.5%	2.5%	5.6%	5.3%	5.1%	4.8%	4.6%	4.6%	4.4%	23.9%	23.8%	22.3%	20.1%	13.5%
Telfair	-	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	1.1%	1.1%	1.1%	1.0%	1.0%	1.8%	1.8%	9.5%	12.3%	15.5%	12.7%	8.0%
Toombs	-	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	2.8%	2.8%	2.7%	2.6%	2.6%	3.7%	3.6%	20.3%	18.3%	12.2%	8.5%	4.0%
Treutlen	-	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	4.1%	3.9%	3.8%	3.7%	3.5%	2.8%	2.7%	17.6%	22.3%	19.6%	9.8%	1.1%
Wayne	-	3.1%	3.0%	2.9%	2.8%	2.7%	4.4%	4.2%	4.1%	3.9%	3.8%	4.6%	4.4%	26.2%	24.0%	16.5%	14.4%	7.7%
Wheeler	-	0.5%	0.5%	0.5%	0.5%	0.5%	2.3%	2.3%	2.2%	2.2%	2.1%	4.8%	4.6%	30.3%	31.7%	23.6%	20.4%	20.7%
Wilcox	-	-0.5%	-0.5%	-0.5%	-0.5%	-0.5%	0.9%	0.9%	0.9%	0.9%	0.9%	2.6%	2.5%	15.2%	18.0%	16.2%	11.1%	6.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table J8: FY 2018 Program Funding and Trips for Heart of Georgia, DHS Region 9

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 (unspecified)	11,533	\$130,000.00
	5310 Non-Urban/Rural	4,550	\$437.13
	SSBG Fed	2,822	\$32,441.67
	SSBG match	665	\$4,423.87
	SSBG (Offset)	0	(\$4,423.87)
	TTS SSBG	2,094	\$82,099.50
	Title III Fed	3,556	\$40,035.10
	Title III State	210	\$2,355.00
	Title III Match	418	\$4,710.02
	Title III (Offset)	(418)	(\$4,710.02)
	Other	25,430	\$287,368.40
	Total	50,860	\$574,736.80
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	27,623	\$395,001
Grand Total		78,483	\$969,737.80

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table J9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+
Appling	5,178	693	186	68	\$291,889	\$21,340
Bleckley	2,934	388	210	49	\$145,919	\$11,893
Candler	3,511	580	312	137	\$197,148	\$22,748
Dodge	5,366	830	552	172	\$266,025	\$25,620
Emanuel	7,684	1,136	449	160	\$442,818	\$40,137
Evans	3,409	417	248	65	\$198,868	\$14,460
Jeff Davis	4,665	563	203	64	\$263,465	\$14,581
Johnson	2,375	493	266	117	\$130,954	\$17,523
Laurens	14,247	1,785	1,227	324	\$714,279	\$51,458
Montgomery	2,065	318	118	25	\$106,546	\$9,194
Tattnall	5,885	840	445	168	\$329,844	\$30,094
Telfair	3,473	594	430	172	\$178,969	\$19,936
Toombs	9,155	1,449	625	245	\$508,604	\$50,762
Treutlen	1,970	354	141	50	\$104,964	\$11,256
Wayne	7,927	1,034	405	110	\$449,064	\$31,795
Wheeler	1,664	269	121	46	\$90,811	\$8,601
Wilcox	2,225	382	224	80	\$125,419	\$13,601
Regional Total	83,732	12,123	6,162	2,052	\$4,545,585	\$395,001

Source: Authors' analysis of administrative data provided by DCH

Table J10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Appling	13%	37%	7%	38%
Bleckley	13%	23%	8%	25%
Candler	17%	44%	12%	42%
Dodge	15%	31%	10%	27%
Emanuel	15%	36%	9%	30%
Evans	12%	26%	7%	38%
Jeff Davis	12%	32%	6%	32%
Johnson	21%	44%	13%	36%
Laurens	13%	26%	7%	20%
Montgomery	15%	21%	9%	48%
Tattnall	14%	38%	9%	47%
Telfair	17%	40%	11%	31%
Toombs	16%	39%	10%	45%
Treutlen	18%	35%	11%	36%
Wayne	13%	27%	7%	25%
Wheeler	16%	38%	9%	58%
Wilcox	17%	36%	11%	26%
Regional Percentage	14%	33%	9%	31%

Source: Authors' analysis of administrative data provided by DCH

Table J11: Public Transportation Data for the Regional Transit Providers

Name	Mode*	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Wheeler County Transit	DR	\$1.13	0.03	\$51.89	1.5	\$34.55	\$0.00	\$4,002	\$122,719	3,552	2,365	49,369
Wilcox County Transit	DR	\$1.07	0.03	\$22.38	0.7	\$32.87	\$0.00	\$5,264	\$162,399	4,941	7,257	157,931
Bleckley County Transit	DR	\$1.79	0.08	\$23.14	1.1	\$21.59	\$0.00	\$10,274	\$124,052	5,746	5,361	59,981
Telfair County Transit	DR	\$0.24	0.02	\$33.60	2.6	\$12.72	\$0.00	\$2,449	\$131,438	10,337	3,912	40,690
Dodge County Transit	DR	\$0.47	0.04	\$30.84	2.6	\$12.01	\$0.00	\$6,569	\$167,538	13,947	5,433	65,243
Wayne County Transit	DR	\$1.15	0.14	\$22.69	2.8	\$8.21	\$0.00	\$52,724	\$377,602	45,979	16,639	365,289
Total								\$81,282	\$1,085,748	84,502	40,967	738,503

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Heart of Georgia AAA staff were surveyed regarding transportation strategies and programs that have been effective, as well as barriers to access within the region. The region is highly rural, which creates challenges in service delivery.

- Highlights in service
 - Several counties operate vans to transport older adults to and from senior centers.
 - Increases access for older adults in rural counties
- Barriers to service access
 - The most significant provider-reported unmet needs included:
 - Limited public transportation services and hours
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Recurring and/or accessibility of information about services
 - Challenges related to language or cultural competency
- Older adults who are not connected to senior centers were identified as an underserved group within the region.

APPENDIX K: REGIONAL PROFILE FOR SOUTHWEST GEORGIA, DHS REGION 10

The Southwest Georgia region is comprised of 14 counties, as illustrated in Figure K1. In 2016, the 65 and older population living in the region totaled 52,523, 15% of the region's population. The region will experience the greatest increase in the 65 and older population, a 42% percent change between 2016 and 2025, and a 21% increase between 2025 and 2040.

Figure K1: Southwest Georgia Region Counties



Table K1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Baker County	637	770	689
Calhoun County	805	1,169	1,589
Colquitt County	6,394	9,210	12,003
Decatur County	4,222	5,854	7,066
Dougherty County	12,372	16,840	17,810
Early County	1,928	2,249	2,227
Grady County	4,099	6,016	7,521
Lee County	3,088	6,583	11,349
Miller County	1,170	1,480	1,643
Mitchell County	3,371	4,543	5,183
Seminole County	1,861	2,398	2,572
Terrell County	1,607	1,931	1,658
Thomas County	7,421	10,872	13,829
Worth County	3,547	4,905	5,308
Total	52,523	74,820	90,447

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table K2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Baker County	22.3%	30.9%	33.6%
Calhoun County	17.4%	24.7%	31.2%
Colquitt County	18.1%	25.0%	30.5%
Decatur County	19.6%	27.6%	31.8%
Dougherty County	16.2%	24.9%	30.5%
Early County	19.8%	25.5%	30.8%
Grady County	23.8%	30.7%	32.0%
Lee County	21.6%	28.9%	32.6%
Miller County	15.8%	24.7%	33.5%
Mitchell County	16.7%	24.0%	30.6%
Seminole County	17.6%	26.8%	33.1%
Terrell County	20.0%	26.8%	30.8%
Thomas County	19.7%	29.5%	32.9%
Worth County	16.0%	24.9%	33.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table K3: Population Change by Year and Age Group, Southwest Georgia Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	43,889	22,294	6,147
2014	45,421	23,573	6,109
2015	46,953	24,852	6,070
2016	48,486	26,131	6,031
2017	50,018	27,410	5,992
2018	51,550	28,689	5,953
2019	52,922	30,319	6,054
2020	54,294	31,949	6,155
2021	55,666	33,579	6,256
2022	57,038	35,210	6,357
2023	58,410	36,840	6,457
2024	59,674	38,208	6,673
2025	60,939	39,576	6,889
2030	65,788	46,154	8,268
2035	67,436	52,122	10,106
2040	66,861	56,577	11,942
2045	66,020	58,437	13,526
2050	67,652	58,489	14,509

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table K4: Percentage Change by Year and Age Group, Southwest Georgia Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	3.5%	3.4%	3.3%	3.2%	3.1%	2.7%	2.6%	2.5%	2.5%	2.4%	2.2%	2.1%	8.0%	2.5%	-0.9%	-1.3%	2.5%
Percentage change 75 to 84	-	5.7%	5.4%	5.1%	4.9%	4.7%	5.7%	5.4%	5.1%	4.9%	4.6%	3.7%	3.6%	16.6%	12.9%	8.5%	3.3%	0.1%
Percentage change 85 or older	-	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	1.7%	1.7%	1.6%	1.6%	1.6%	3.3%	3.2%	20.0%	22.2%	18.2%	13.3%	7.3%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table K5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Baker	-	6.6%	6.2%	5.8%	5.5%	5.2%	1.5%	1.5%	1.5%	1.5%	1.4%	-0.9%	-0.9%	-8.8%	-15.4%	-14.1%	-14.2%	-14.4%
Calhoun	-	6.4%	6.0%	5.7%	5.4%	5.1%	3.8%	3.7%	3.6%	3.4%	3.3%	2.1%	2.0%	8.0%	5.5%	4.0%	0.9%	2.0%
Colquitt	-	3.9%	3.8%	3.6%	3.5%	3.4%	2.0%	1.9%	1.9%	1.8%	1.8%	2.1%	2.0%	9.6%	6.2%	1.3%	0.5%	3.4%
Decatur	-	3.4%	3.3%	3.2%	3.1%	3.0%	3.1%	3.0%	2.9%	2.8%	2.8%	2.1%	2.1%	6.3%	-0.7%	-4.0%	-5.4%	-2.4%
Dougherty	-	5.5%	5.2%	4.9%	4.7%	4.5%	2.5%	2.4%	2.4%	2.3%	2.3%	-0.2%	-0.2%	-3.0%	-6.1%	-5.4%	-0.7%	3.1%
Early	-	1.0%	0.9%	0.9%	0.9%	0.9%	0.4%	0.4%	0.4%	0.4%	0.4%	1.0%	1.0%	1.5%	-5.5%	-9.2%	-11.4%	-11.9%
Grady	-	4.5%	4.3%	4.1%	4.0%	3.8%	3.0%	2.9%	2.8%	2.7%	2.6%	1.5%	1.5%	5.2%	1.1%	-2.0%	-2.4%	3.1%
Lee	-	9.4%	8.6%	7.9%	7.3%	6.8%	6.7%	6.2%	5.9%	5.6%	5.3%	4.1%	3.9%	15.3%	10.8%	11.0%	7.0%	5.5%
Miller	-	3.0%	3.0%	2.9%	2.8%	2.7%	2.8%	2.7%	2.6%	2.6%	2.5%	0.4%	0.4%	1.3%	-0.3%	-4.7%	-10.2%	-7.3%
Mitchell	-	2.2%	2.1%	2.1%	2.0%	2.0%	2.8%	2.7%	2.6%	2.5%	2.5%	2.0%	2.0%	5.2%	-2.0%	-4.1%	-4.8%	-2.6%
Seminole	-	1.5%	1.5%	1.5%	1.5%	1.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%	0.4%	0.8%	-2.5%	-6.1%	-7.0%	-3.4%
Terrell	-	2.3%	2.2%	2.2%	2.1%	2.1%	0.6%	0.6%	0.6%	0.6%	0.6%	0.2%	0.1%	-3.2%	-13.4%	-20.3%	-14.6%	-5.6%
Thomas	-	3.9%	3.7%	3.6%	3.5%	3.4%	2.9%	2.9%	2.8%	2.7%	2.6%	2.1%	2.1%	7.6%	1.5%	-2.5%	-2.3%	2.2%
Worth	-	2.9%	2.8%	2.7%	2.7%	2.6%	1.8%	1.8%	1.7%	1.7%	1.7%	1.6%	1.6%	3.2%	-5.3%	-9.0%	-9.9%	-4.7%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table K6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Baker	-	0.9%	0.9%	0.9%	0.9%	0.8%	5.8%	5.5%	5.2%	4.9%	4.7%	6.5%	6.1%	21.0%	3.3%	-8.6%	-16.4%	-14.7%
Calhoun	-	0.5%	0.5%	0.5%	0.5%	0.5%	8.0%	7.4%	6.9%	6.4%	6.1%	6.6%	6.2%	26.3%	15.5%	8.9%	6.6%	5.6%
Colquitt	-	4.8%	4.6%	4.4%	4.2%	4.1%	6.4%	6.0%	5.7%	5.3%	5.1%	3.6%	3.5%	14.7%	10.5%	9.3%	5.6%	1.4%
Decatur	-	3.9%	3.8%	3.6%	3.5%	3.4%	4.2%	4.0%	3.8%	3.7%	3.6%	3.4%	3.3%	16.6%	13.5%	6.2%	-0.5%	-3.9%
Dougherty	-	2.6%	2.5%	2.4%	2.4%	2.3%	4.2%	4.1%	3.9%	3.8%	3.6%	5.4%	5.2%	20.3%	6.5%	-3.1%	-6.4%	-5.4%
Early	-	3.8%	3.6%	3.5%	3.4%	3.3%	4.2%	4.0%	3.9%	3.7%	3.6%	0.7%	0.7%	3.0%	3.4%	1.0%	-6.3%	-9.5%
Grady	-	5.1%	4.9%	4.6%	4.4%	4.3%	5.1%	4.9%	4.6%	4.4%	4.3%	4.6%	4.4%	19.4%	12.2%	6.0%	1.8%	-1.2%
Lee	-	7.5%	7.0%	6.5%	6.1%	5.8%	12.5%	11.1%	10.0%	9.1%	8.3%	9.3%	8.5%	40.0%	26.9%	15.6%	12.2%	11.8%
Miller	-	3.2%	3.1%	3.0%	2.9%	2.8%	1.7%	1.6%	1.6%	1.6%	1.6%	3.0%	2.9%	14.0%	8.0%	0.6%	-1.1%	-5.4%
Mitchell	-	6.1%	5.7%	5.4%	5.2%	4.9%	4.2%	4.0%	3.9%	3.7%	3.6%	2.1%	2.0%	11.8%	11.3%	3.9%	-2.6%	-4.1%
Seminole	-	5.0%	4.7%	4.5%	4.3%	4.1%	5.1%	4.9%	4.7%	4.5%	4.3%	2.0%	2.0%	7.6%	3.6%	1.3%	-1.9%	-5.0%
Terrell	-	2.7%	2.6%	2.6%	2.5%	2.4%	5.1%	4.9%	4.6%	4.4%	4.3%	2.0%	1.9%	6.7%	0.7%	-5.2%	-15.3%	-21.7%
Thomas	-	5.3%	5.1%	4.8%	4.6%	4.4%	4.9%	4.7%	4.5%	4.3%	4.1%	4.0%	3.9%	18.0%	13.6%	8.3%	2.1%	-1.8%
Worth	-	5.7%	5.4%	5.1%	4.9%	4.6%	6.4%	6.0%	5.6%	5.3%	5.1%	2.7%	2.7%	11.7%	8.6%	2.9%	-5.7%	-8.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table K7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Baker	-	-2.7%	-2.7%	-2.8%	-2.9%	-3.0%	-2.0%	-2.0%	-2.1%	-2.1%	-2.2%	1.2%	1.1%	11.1%	19.7%	13.9%	3.8%	-5.7%
Calhoun	-	-3.3%	-3.4%	-3.5%	-3.6%	-3.8%	-3.1%	-3.2%	-3.3%	-3.4%	-3.5%	0.2%	0.2%	12.1%	27.3%	24.2%	18.0%	11.6%
Colquitt	-	-0.7%	-0.7%	-0.7%	-0.7%	-0.7%	2.0%	1.9%	1.9%	1.8%	1.8%	3.7%	3.6%	22.6%	22.7%	15.8%	13.5%	10.7%
Decatur	-	-0.5%	-0.5%	-0.5%	-0.5%	-0.5%	2.8%	2.8%	2.7%	2.6%	2.6%	2.6%	2.5%	16.5%	18.4%	16.4%	14.5%	7.3%
Dougherty	-	-1.3%	-1.3%	-1.3%	-1.3%	-1.3%	0.2%	0.2%	0.2%	0.2%	0.2%	1.7%	1.7%	12.7%	21.0%	18.1%	7.0%	0.2%
Early	-	-2.3%	-2.3%	-2.4%	-2.4%	-2.5%	0.7%	0.7%	0.7%	0.7%	0.7%	2.3%	2.2%	14.0%	10.4%	3.6%	5.4%	0.2%
Grady	-	1.8%	1.7%	1.7%	1.7%	1.7%	3.9%	3.7%	3.6%	3.5%	3.4%	4.4%	4.2%	23.4%	24.2%	20.3%	14.4%	8.8%
Lee	-	3.3%	3.2%	3.1%	3.0%	2.9%	6.1%	5.7%	5.4%	5.2%	4.9%	7.1%	6.7%	47.2%	49.8%	38.8%	30.1%	18.9%
Miller	-	-1.1%	-1.1%	-1.2%	-1.2%	-1.2%	1.6%	1.6%	1.6%	1.5%	1.5%	1.8%	1.8%	9.4%	11.6%	13.0%	7.4%	1.9%
Mitchell	-	-1.8%	-1.8%	-1.9%	-1.9%	-1.9%	0.6%	0.6%	0.6%	0.6%	0.6%	4.5%	4.3%	19.0%	14.0%	13.2%	11.0%	4.1%
Seminole	-	0.3%	0.3%	0.3%	0.2%	0.2%	2.7%	2.6%	2.5%	2.5%	2.4%	4.5%	4.3%	23.2%	17.7%	9.6%	7.2%	3.9%
Terrell	-	0.1%	0.1%	0.1%	0.1%	0.1%	1.3%	1.3%	1.3%	1.3%	1.3%	2.0%	2.0%	15.1%	14.2%	4.9%	1.6%	-6.1%
Thomas	-	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	2.6%	2.5%	2.4%	2.4%	2.3%	4.1%	3.9%	21.4%	21.6%	18.8%	15.3%	10.2%
Worth	-	-1.4%	-1.4%	-1.4%	-1.4%	-1.5%	1.1%	1.1%	1.0%	1.0%	1.0%	4.3%	4.2%	23.9%	20.1%	12.5%	10.7%	3.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table K8: FY 2018 Program Funding and Trips for Southwest Georgia, DHS Region 10

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Non-Urban/Rural	2229	\$16,714.64
	5310 UZA	13,931	\$105,395.42
	SSBG Fed	4,771	\$35,788.97
	SSBG match	0	\$4,880.31
	SSBG (Offset)	0	(\$4880.31)
	TTS SSBG	11,554	\$90,570.44
	Title III Fed	22,036	\$167,461.04
	Title III State	1,434	\$9,850.65
	Title III Match	1,172	\$19,701.31
	Title III (Offset)	0	(\$19,701.31)
	Total	57,127	\$425,781.16
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	41,067	\$482,758
Grand Total		98,194	\$908,539.16

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table K9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Baker	809	138	57	10	\$43,831	\$2,950	812	167
Calhoun	1,963	380	217	83	\$112,107	\$15,188	3,275	1,539
Colquitt	14,502	1,791	765	307	\$834,284	\$61,028	10,322	4,433
Decatur	9,663	1,182	553	167	\$530,848	\$37,777	6,716	2,013
Dougherty	30,015	3,737	2,311	611	\$1,788,510	\$138,005	42,018	14,147
Early	3,659	637	337	97	\$206,422	\$22,264	4,199	1,859
Grady	7,001	964	408	121	\$386,959	\$26,687	6,135	2,367
Lee	5,301	445	116	35	\$293,845	\$12,479	2,377	1,064
Miller	1,811	298	119	39	\$102,283	\$10,597	1,135	274
Mitchell	7,026	1,117	665	191	\$394,949	\$34,614	7,238	2,951
Seminole	2,734	441	132	41	\$149,164	\$13,800	1,568	738
Terrell	3,237	572	279	83	\$187,117	\$19,766	4,498	2,122
Thomas	12,858	1,948	820	305	\$720,569	\$62,344	15,806	5,041
Worth	5,201	881	308	109	\$291,849	\$25,259	4,806	2,352
Regional Total	105,778	14,528	7,087	2,199	\$6,042,737	\$482,758	110,905	41,067

Source: Authors' analysis of administrative data provided by DCH

Table K10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Baker	17%	18%	7%	21%
Calhoun	19%	38%	14%	47%
Colquitt	12%	40%	7%	43%
Decatur	12%	30%	7%	30%
Dougherty	12%	26%	8%	34%
Early	17%	29%	11%	44%
Grady	14%	30%	7%	39%
Lee	8%	30%	4%	45%
Miller	16%	33%	10%	24%
Mitchell	16%	29%	9%	41%
Seminole	16%	31%	9%	47%
Terrell	18%	30%	11%	47%
Thomas	15%	37%	9%	32%
Worth	17%	35%	9%	49%
Regional Percentage	14%	31%	8%	37%

Source: Authors' analysis of administrative data provided by DCH

Table K11: Public Transportation Data for the Regional Transit Providers

Name	* Mode	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passen- gers per Hour	Cost per Passen- ger	Cost per Passen- ger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Albany Transit System	DR	\$2.28	0.08	\$50.48	1.8	\$28.05	\$5.19	\$33,843	\$415,526	14,812	8,231	100,151
Thomas County Transit	DR	\$0.72	0.06	\$28.40	2.6	\$11.05	\$0.00	\$64,280	\$990,729	89,653	34,880	511,109
Southwest Georgia RC	DR	\$0.61	0.03	\$31.00	1.6	\$19.57	\$0.00	\$166,488	\$5,373,701	274,630	173,327	3,141,668
Total								\$264,611	\$6,779,956	379,095	216,438	3,752,928

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

AAA staff from Southwest Georgia were interviewed to gather information about facilitators and barriers to transportation access within the region. The region is highly rural, but offers a considerable number of DHS-funded transportation options both within and outside of the Coordinated Transportation System.

- Highlights in service
 - Scheduling for medical appointments is available through a volunteer transportation coordinator at the AAA.
 - AAA volunteer program provides transportation for special day trips.
 - The Veterans Affairs clinic transports veterans using volunteer drivers through the Retired and Senior Volunteer Program.
 - Plan to start a shuttle service soon in Albany/Lee county
 - Increases access for older adults in rural counties
- Barriers to service access
 - The most significant provider-reported unmet needs included:
 - Inadequate demand response services
 - Accessing transit stops, particularly among frail elderly adults
 - Application processes for paratransit
 - Demand response services for dementia patients
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Excessive ride times for round-trips
 - Limited public transportation services and hours
 - Frail elderly adults and dementia patients were highlighted as underserved populations within the region.

APPENDIX L: REGIONAL PROFILE FOR SOUTHERN GEORGIA, DHS REGION 11

The Southern Georgia region is comprised of 18 counties, as illustrated in Figure L1. In 2016, the 65 and older population living in the region totaled 55,829, 14% of the region's population. The region will experience the greatest increase in the 65 and older population, a 44% percent change between 2016 and 2025, and a 24% increase between 2025 and 2040.

Figure L1: Southern Georgia Counties

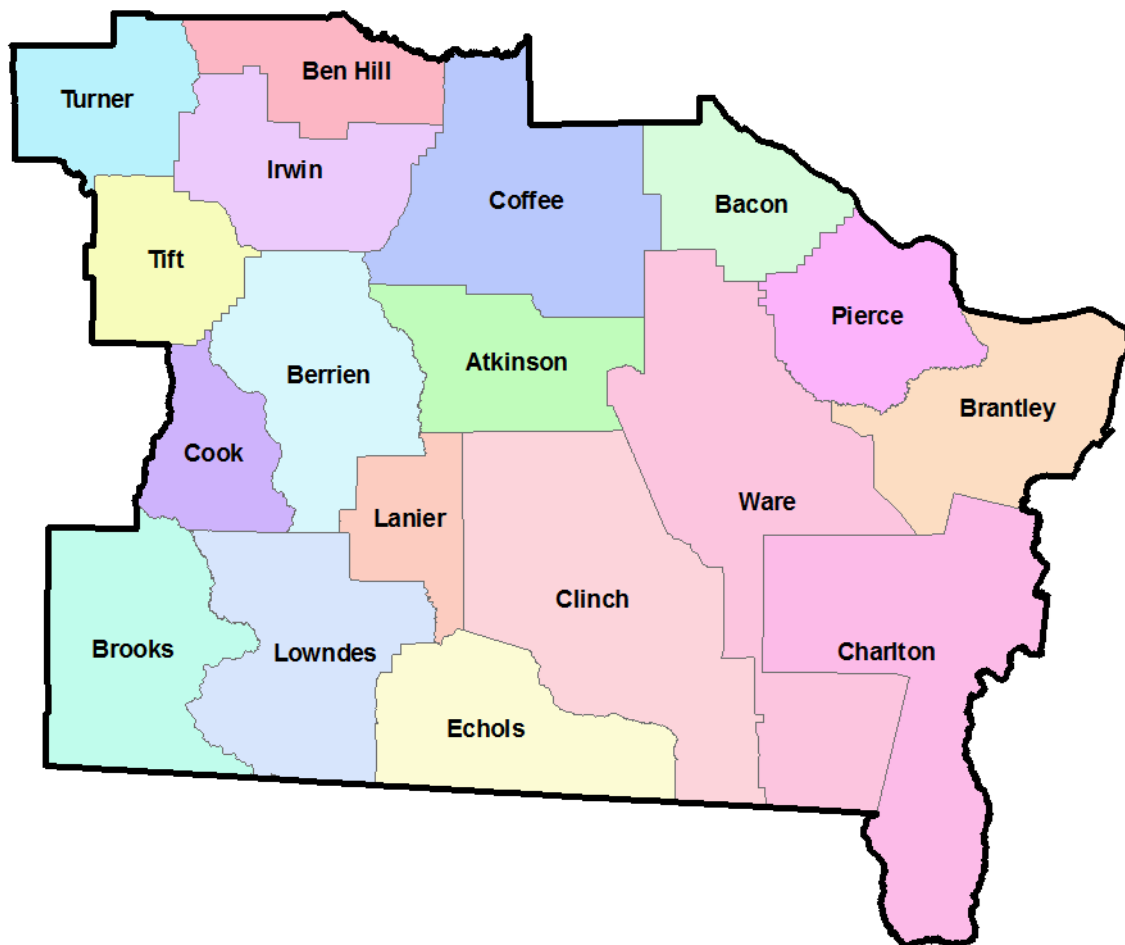


Table L1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Atkinson County	934	1,503	1,778
Bacon County	1,609	2,601	3,355
Ben Hill County	2,663	3,806	4,475
Berrien County	3,057	4,218	4,783
Brantley County	2,632	4,501	5,981
Brooks County	2,879	3,861	3,959
Charlton County	1,647	2,779	3,977
Clinch County	1,036	1,486	1,550
Coffee County	5,380	8,485	11,468
Cook County	2,514	3,631	4,542
Echols County	451	708	846
Irwin County	1,648	2,063	2,361
Lanier County	1,277	2,061	3,041
Lowndes County	12,415	16,315	20,371
Pierce County	2,950	4,787	6,814
Tift County	5,575	7,985	10,070
Turner County	1,492	1,605	1,424
Ware County	5,672	7,956	8,919
Total	55,831	80,351	99,714

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table L2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Atkinson County	15.8%	22.3%	28.5%
Bacon County	16.8%	23.6%	29.7%
Ben Hill County	16.7%	23.8%	29.3%
Berrien County	20.2%	26.8%	30.2%
Brantley County	14.4%	21.4%	30.4%
Brooks County	14.3%	23.1%	30.2%
Charlton County	18.1%	24.5%	29.9%
Clinch County	19.4%	26.2%	29.0%
Coffee County	18.2%	24.4%	28.8%
Cook County	18.4%	25.8%	29.4%
Echols County	15.3%	23.5%	28.2%
Irwin County	16.1%	23.9%	30.0%
Lanier County	15.4%	22.1%	28.3%
Lowndes County	17.3%	23.9%	28.1%
Pierce County	21.2%	27.9%	30.0%
Tift County	15.8%	22.2%	28.3%
Turner County	18.3%	25.2%	29.8%
Ware County	21.4%	26.8%	29.7%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table L3: Population Change by Year and Age Group, Southern Georgia Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	47,627	23,154	5,840
2014	49,527	24,356	5,905
2015	51,427	25,558	5,969
2016	53,327	26,760	6,033
2017	55,228	27,962	6,098
2018	57,128	29,164	6,162
2019	58,518	30,822	6,369
2020	59,909	32,480	6,576
2021	61,300	34,139	6,783
2022	62,691	35,797	6,990
2023	64,081	37,455	7,197
2024	64,931	38,961	7,502
2025	65,780	40,466	7,807
2030	68,194	47,159	9,615
2035	67,043	51,706	11,762
2040	64,548	53,475	13,732
2045	62,966	52,519	15,498
2050	64,154	50,702	16,778

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table L4: Percentage Change by Year and Age Group, Southern Georgia Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	4.0%	3.8%	3.7%	3.6%	3.4%	2.4%	2.4%	2.3%	2.3%	2.2%	1.3%	1.3%	3.7%	-1.7%	-3.7%	-2.5%	1.9%
Percentage change 75 to 84	-	5.2%	4.9%	4.7%	4.5%	4.3%	5.7%	5.4%	5.1%	4.9%	4.6%	4.0%	3.9%	16.5%	9.6%	3.4%	-1.8%	-3.5%
Percentage change 85 or older	-	1.1%	1.1%	1.1%	1.1%	1.1%	3.4%	3.3%	3.1%	3.1%	3.0%	4.2%	4.1%	23.2%	22.3%	16.7%	12.9%	8.3%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table L5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Atkinson	-	4.3%	4.1%	4.0%	3.8%	3.7%	3.0%	2.9%	2.9%	2.8%	2.7%	1.0%	1.0%	2.4%	-1.0%	-0.9%	-4.1%	-7.7%
Bacon	-	5.8%	5.5%	5.2%	5.0%	4.7%	4.2%	4.1%	3.9%	3.8%	3.6%	0.6%	0.6%	1.6%	0.9%	4.4%	3.5%	-1.0%
Ben Hill	-	3.5%	3.4%	3.3%	3.2%	3.1%	2.4%	2.4%	2.3%	2.3%	2.2%	1.3%	1.3%	3.3%	-1.4%	-1.9%	-1.1%	2.6%
Berrien	-	3.0%	2.9%	2.9%	2.8%	2.7%	1.4%	1.4%	1.3%	1.3%	1.3%	2.2%	2.2%	7.3%	-1.3%	-7.6%	-8.6%	-5.0%
Brantley	-	5.7%	5.4%	5.1%	4.9%	4.6%	2.8%	2.7%	2.6%	2.6%	2.5%	2.0%	1.9%	8.2%	3.1%	-2.4%	-5.4%	-3.6%
Brooks	-	2.7%	2.7%	2.6%	2.5%	2.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.9%	0.9%	0.9%	-7.1%	-12.6%	-11.8%	-4.7%
Charlton	-	3.3%	3.2%	3.1%	3.0%	2.9%	3.4%	3.3%	3.2%	3.1%	3.0%	4.9%	4.7%	17.2%	4.6%	0.4%	2.3%	5.6%
Clinch	-	3.3%	3.2%	3.1%	3.0%	2.9%	1.4%	1.3%	1.3%	1.3%	1.3%	-0.8%	-0.8%	-5.1%	-5.2%	-3.5%	-4.6%	-1.4%
Coffee	-	5.1%	4.8%	4.6%	4.4%	4.2%	2.7%	2.7%	2.6%	2.5%	2.5%	2.2%	2.2%	9.1%	4.7%	1.3%	0.6%	2.2%
Cook	-	3.5%	3.4%	3.3%	3.2%	3.1%	2.1%	2.0%	2.0%	1.9%	1.9%	1.8%	1.7%	8.4%	4.6%	-1.8%	-2.3%	3.4%
Echols	-	6.9%	6.5%	6.1%	5.7%	5.4%	3.8%	3.7%	3.5%	3.4%	3.3%	0.4%	0.4%	2.7%	1.8%	-2.7%	-6.6%	-5.7%
Irwin	-	1.0%	1.0%	1.0%	1.0%	1.0%	0.6%	0.6%	0.6%	0.6%	0.6%	2.0%	2.0%	8.5%	2.6%	-4.9%	-4.5%	1.3%
Lanier	-	5.6%	5.3%	5.0%	4.8%	4.5%	3.7%	3.6%	3.5%	3.4%	3.3%	3.2%	3.1%	14.6%	9.2%	3.7%	7.3%	14.8%
Lowndes	-	2.6%	2.6%	2.5%	2.4%	2.4%	2.1%	2.1%	2.0%	2.0%	2.0%	1.8%	1.7%	7.1%	2.8%	-0.4%	1.5%	7.4%
Pierce	-	4.4%	4.2%	4.1%	3.9%	3.8%	2.1%	2.1%	2.0%	2.0%	2.0%	2.6%	2.6%	10.8%	6.8%	5.0%	3.8%	3.5%
Tift	-	3.0%	2.9%	2.8%	2.7%	2.7%	2.8%	2.8%	2.7%	2.6%	2.6%	2.4%	2.4%	8.8%	2.4%	-0.6%	1.5%	6.3%
Turner	-	0.5%	0.5%	0.5%	0.5%	0.5%	-0.9%	-0.9%	-0.9%	-0.9%	-0.9%	-0.6%	-0.6%	-2.9%	-6.2%	-12.6%	-11.7%	-5.3%
Ware	-	4.2%	4.0%	3.9%	3.7%	3.6%	2.8%	2.7%	2.7%	2.6%	2.5%	1.0%	0.9%	1.1%	-4.6%	-5.0%	-3.1%	0.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table L6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Atkinson	-	7.1%	6.6%	6.2%	5.8%	5.5%	4.9%	4.6%	4.4%	4.2%	4.1%	4.1%	4.0%	17.3%	9.7%	2.5%	-0.4%	-0.3%
Bacon	-	7.0%	6.6%	6.2%	5.8%	5.5%	5.1%	4.8%	4.6%	4.4%	4.2%	6.0%	5.6%	25.7%	13.1%	2.1%	1.3%	4.8%
Ben Hill	-	4.9%	4.6%	4.4%	4.3%	4.1%	5.5%	5.3%	5.0%	4.8%	4.5%	3.6%	3.5%	15.7%	10.0%	3.0%	-1.6%	-1.9%
Berrien	-	4.4%	4.2%	4.0%	3.9%	3.7%	5.4%	5.1%	4.9%	4.7%	4.4%	2.9%	2.8%	10.4%	6.8%	5.5%	-2.7%	-9.3%
Brantley	-	7.8%	7.3%	6.8%	6.3%	6.0%	8.2%	7.6%	7.1%	6.6%	6.2%	5.6%	5.3%	21.3%	12.4%	8.8%	3.6%	-1.7%
Brooks	-	5.0%	4.8%	4.5%	4.3%	4.2%	6.7%	6.3%	5.9%	5.6%	5.3%	2.6%	2.5%	8.8%	3.5%	0.5%	-7.2%	-12.3%
Charlton	-	7.5%	7.0%	6.5%	6.1%	5.8%	5.3%	5.1%	4.8%	4.6%	4.4%	3.4%	3.3%	17.4%	20.5%	16.4%	4.0%	0.7%
Clinch	-	7.5%	7.0%	6.5%	6.1%	5.8%	9.0%	8.2%	7.6%	7.1%	6.6%	3.3%	3.2%	12.5%	2.3%	-5.7%	-5.3%	-3.8%
Coffee	-	7.4%	6.9%	6.4%	6.0%	5.7%	7.4%	6.8%	6.4%	6.0%	5.7%	5.2%	5.0%	20.6%	12.9%	9.4%	5.2%	2.0%
Cook	-	5.4%	5.2%	4.9%	4.7%	4.5%	4.6%	4.4%	4.2%	4.0%	3.9%	3.6%	3.5%	14.5%	9.2%	7.4%	3.9%	-2.2%
Echols	-	1.7%	1.7%	1.6%	1.6%	1.6%	2.3%	2.2%	2.2%	2.1%	2.1%	6.6%	6.1%	24.4%	8.8%	2.1%	1.8%	-3.0%
Irwin	-	4.6%	4.4%	4.2%	4.1%	3.9%	4.4%	4.2%	4.0%	3.9%	3.7%	0.9%	0.9%	3.8%	5.4%	7.7%	1.9%	-5.0%
Lanier	-	6.1%	5.7%	5.4%	5.1%	4.9%	6.6%	6.2%	5.9%	5.5%	5.2%	5.7%	5.4%	24.1%	16.6%	12.9%	8.4%	2.9%
Lowndes	-	4.2%	4.0%	3.9%	3.7%	3.6%	3.5%	3.3%	3.2%	3.1%	3.0%	3.5%	3.4%	15.3%	11.4%	8.0%	3.3%	0.3%
Pierce	-	8.6%	7.9%	7.3%	6.8%	6.4%	8.2%	7.6%	7.1%	6.6%	6.2%	4.6%	4.4%	18.1%	12.9%	11.8%	8.0%	6.1%
Tift	-	4.7%	4.5%	4.3%	4.1%	3.9%	4.7%	4.5%	4.3%	4.1%	4.0%	3.0%	2.9%	14.7%	13.1%	7.9%	1.6%	-0.9%
Turner	-	3.0%	2.9%	2.8%	2.8%	2.7%	3.2%	3.1%	3.0%	2.9%	2.8%	0.5%	0.5%	-0.2%	-4.1%	-3.5%	-7.3%	-13.5%
Ware	-	2.8%	2.7%	2.6%	2.6%	2.5%	5.2%	4.9%	4.7%	4.5%	4.3%	4.1%	3.9%	17.3%	9.5%	0.7%	-4.7%	-5.2%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table L7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Atkinson	-	6.2%	5.8%	5.5%	5.2%	5.0%	6.3%	5.9%	5.6%	5.3%	5.0%	6.8%	6.3%	28.9%	22.6%	17.5%	10.1%	4.8%
Bacon	-	1.2%	1.2%	1.2%	1.2%	1.2%	5.8%	5.5%	5.2%	4.9%	4.7%	5.3%	5.1%	26.8%	28.5%	25.7%	14.3%	6.2%
Ben Hill	-	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%	2.5%	2.5%	2.4%	2.4%	2.3%	3.6%	3.4%	21.5%	21.6%	16.0%	11.9%	4.6%
Berrien	-	1.9%	1.9%	1.9%	1.8%	1.8%	3.8%	3.6%	3.5%	3.4%	3.3%	3.6%	3.5%	21.4%	18.8%	9.6%	8.8%	5.1%
Brantley	-	4.1%	3.9%	3.8%	3.6%	3.5%	6.1%	5.8%	5.5%	5.2%	4.9%	7.1%	6.6%	37.6%	33.7%	22.6%	16.1%	11.8%
Brooks	-	3.0%	2.9%	2.9%	2.8%	2.7%	3.5%	3.4%	3.3%	3.2%	3.1%	4.8%	4.5%	26.9%	21.4%	9.9%	7.0%	1.6%
Charlton	-	1.3%	1.3%	1.3%	1.3%	1.3%	6.8%	6.4%	6.0%	5.6%	5.3%	5.7%	5.4%	28.1%	22.6%	18.3%	22.2%	15.9%
Clinch	-	7.5%	7.0%	6.5%	6.1%	5.8%	2.3%	2.3%	2.2%	2.2%	2.1%	8.7%	8.0%	39.4%	26.6%	13.9%	3.9%	-2.9%
Coffee	-	0.4%	0.4%	0.4%	0.4%	0.4%	3.7%	3.6%	3.5%	3.4%	3.2%	6.1%	5.8%	32.2%	30.1%	21.3%	15.7%	12.1%
Cook	-	2.1%	2.1%	2.0%	2.0%	2.0%	4.4%	4.2%	4.0%	3.9%	3.7%	4.8%	4.6%	22.6%	19.3%	14.8%	10.9%	9.2%
Echols	-	12.7%	11.2%	10.1%	9.2%	8.4%	6.0%	5.6%	5.3%	5.1%	4.8%	1.5%	1.5%	9.7%	19.9%	19.7%	6.8%	4.9%
Irwin	-	0.5%	0.5%	0.5%	0.5%	0.5%	3.1%	3.0%	2.9%	2.9%	2.8%	3.5%	3.4%	18.6%	12.5%	5.8%	7.9%	5.9%
Lanier	-	2.7%	2.7%	2.6%	2.5%	2.5%	4.8%	4.6%	4.4%	4.2%	4.0%	4.9%	4.6%	27.7%	29.9%	24.2%	17.4%	13.5%
Lowndes	-	0.8%	0.8%	0.8%	0.8%	0.8%	3.3%	3.2%	3.1%	3.0%	2.9%	3.0%	2.9%	16.4%	18.8%	17.1%	13.2%	9.1%
Pierce	-	2.1%	2.1%	2.0%	2.0%	1.9%	5.6%	5.3%	5.1%	4.8%	4.6%	7.8%	7.2%	39.1%	31.7%	20.6%	17.0%	14.0%
Tift	-	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	2.5%	2.5%	2.4%	2.3%	2.3%	3.4%	3.2%	19.2%	18.5%	15.4%	14.4%	8.4%
Turner	-	-1.9%	-1.9%	-1.9%	-2.0%	-2.0%	0.8%	0.8%	0.8%	0.8%	0.8%	1.7%	1.6%	10.8%	7.5%	-1.2%	-1.9%	-3.2%
Ware	-	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	2.6%	2.5%	16.2%	19.3%	16.0%	10.1%	2.3%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table L8: FY 2018 Program Funding and Trips for Southern Georgia, DHS Region 11

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 Non-Urban/Rural	19,406	\$175,336.21
	5310 UZA	1,138	\$10,697.57
	SSBG Fed	5,011	\$36,213.81
	SSBG match	0	\$4,938.25
	SSBG (Offset)	0	(\$4,938.25)
	TTS SSBG	10,268	\$91,645.57
	Title III Fed	16,056	\$119,255.50
	Title III State	0	\$7,015.03
	Title III Match	0	\$14,030.06
	Title III (Offset)	0	(\$14,030.06)
	Other	0	(\$3,803.47)
	Total	51,879	\$436,360.22
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	27,539	\$506,041
Grand Total		79,418	\$942,401.22

Source: Authors' analysis of administrative data provided by Georgia DHS and D

Table L9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One-Way Trips for Members 60+
Atkinson	2,762	337	89	25	\$154,294	\$10,122	1,262	593
Bacon	3,161	440	147	57	\$176,324	\$13,725	1,580	630
Ben Hill	5,703	922	511	174	\$314,407	\$31,178	4,638	1,270
Berrien	5,067	778	243	95	\$280,051	\$23,892	2,842	1,383
Brantley	4,886	515	107	36	\$275,757	\$12,911	651	216
Brooks	4,272	820	316	115	\$235,919	\$28,197	4,747	1,644
Charlton	2,581	422	140	60	\$139,286	\$13,346	1,413	581
Clinch	2,305	362	157	58	\$128,715	\$12,635	1,743	349
Coffee	11,887	1,414	470	165	\$678,299	\$45,790	5,443	2,419
Cook	5,243	746	326	102	\$292,934	\$22,673	4,418	1,469
Echols	971	70	28	1	\$56,972	\$1,236	102	8
Irwin	2,620	432	185	72	\$144,409	\$15,401	1,835	684
Lanier	2,487	361	119	43	\$142,437	\$12,751	1,591	836
Lowndes	27,738	2,902	1,552	351	\$1,614,269	\$103,301	21,714	6,011
Pierce	4,842	691	228	88	\$264,774	\$21,374	3,371	953
Tift	11,701	1,669	722	235	\$658,878	\$57,162	8,858	3,142
Turner	2,850	517	240	84	\$155,077	\$17,366	2,431	852
Ware	11,421	1,671	713	254	\$638,569	\$62,982	11,311	4,499
Regional Total	112,497	15,068	6,293	2,015	\$6,351,372	\$506,041	79,950	27,539

Source: Authors' analysis of administrative data provided by DCH

Table L10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Atkinson	12%	28%	7%	47%
Bacon	14%	39%	8%	40%
Ben Hill	16%	34%	10%	27%
Berrien	15%	39%	9%	49%
Brantley	11%	34%	5%	33%
Brooks	19%	36%	12%	35%
Charlton	16%	43%	10%	41%
Clinch	16%	37%	10%	20%
Coffee	12%	35%	7%	44%
Cook	14%	31%	8%	33%
Echols	7%	4%	2%	8%
Irwin	16%	39%	11%	37%
Lanier	14%	36%	9%	53%
Lowndes	10%	23%	6%	28%
Pierce	14%	39%	8%	28%
Tift	14%	33%	9%	35%
Turner	18%	35%	11%	35%
Ware	15%	36%	10%	40%
Regional Percentage	13%	32%	8%	34%

Source: Authors' analysis of administrative data provided by DCH

Table L11: Public Transportation Data for the Regional Transit Providers

Name	Mode*	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Brantley County	DR	\$0.80	0.01	\$31.77	0.5	\$59.21	\$0.00	\$286	\$21,256	359	669	16,618
Bacon County	DR	\$0.03	0.00	\$24.00	1.3	\$18.76	\$0.00	\$120	\$84,268	4,491	3,511	43,918
Ben Hill	DR	\$2.15	0.04	\$41.21	0.8	\$51.37	\$0.00	\$11,139	\$265,900	5,176	6,453	112,062
Berrien County	DR	\$0.05	0.00	\$23.30	1.3	\$18.44	\$0.00	\$332	\$114,836	6,226	4,928	94,242
Pierce County Transit	DR	\$0.74	0.02	\$29.52	1.0	\$29.87	\$0.00	\$7,896	\$318,817	10,672	10,801	216,213
Turner County	DR	\$0.21	0.02	\$20.78	1.8	\$11.47	\$0.00	\$2,553	\$137,329	11,971	6,608	64,384
Tift Transit System	DR	\$2.00	0.10	\$64.74	3.3	\$19.34	\$0.00	\$25,955	\$250,914	12,973	3,876	61,666
Ware County	DR	\$0.66	0.03	\$21.46	1.1	\$19.47	\$0.00	\$9,214	\$271,515	13,946	12,654	188,626
Brooks County Transit	DR	\$0.22	0.01	\$27.18	1.5	\$17.96	\$0.00	\$3,297	\$266,380	14,829	9,802	198,670
Cook County Transit	DR	\$0.49	0.03	\$23.34	1.5	\$15.22	\$0.00	\$11,294	\$347,633	22,838	14,895	291,613
Lowndes County	DR	\$1.19	0.08	\$19.57	1.3	\$15.29	\$0.00	\$34,508	\$442,121	28,920	22,587	317,011
Total								\$106,594	\$2,520,969	132,401	96,784	1,605,023

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

AAA staff from Southern Georgia were surveyed regarding facilitators and barriers to transportation access for older adults living in the region. Southern Georgia is largely rural, and offers DHS-funded transportation services exclusively through the Coordinated Transportation System.

- Highlights in service
 - MIDS, a private transportation agency, offers discounts for older adults.
 - Initiated a shuttle program this year (FY 2019) through the Coordinated Transportation System to serve senior centers in an area of the region.
 - If successful, AAA would like to replicate the service at other senior centers in the region
- Barriers to service access
 - The most significant provider-reported unmet needs included:
 - Limited public transportation services and hours
 - Cost of using public transit and affordability issues
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)
 - Excessive wait times for round-trips
 - Excessive ride times for round-trips
 - Low-income, frail elderly, and disabled older adults, as well as those residing in rural areas, were identified as underserved within the region.
 - Older adults with phone issues (e.g., no phone, limited phone access, or living in an area without service coverage) were also highlighted as an underserved population within the region.
 - Dialysis transportation also emerged as a specific unmet need.

APPENDIX M: REGIONAL PROFILE FOR COASTAL GEORGIA, DHS REGION 12

The Coastal Georgia region is comprised of nine counties, as illustrated in Figure M1. In 2016, the 65 and older population living in the region totaled 83,139, 12% of the region's population. The region will experience a significant increase in the 65 and older population through 2040, with a 46% percent change between 2016 and 2025, and a 39% increase between 2025 and 2040.

Figure M1: Coastal Region Counties

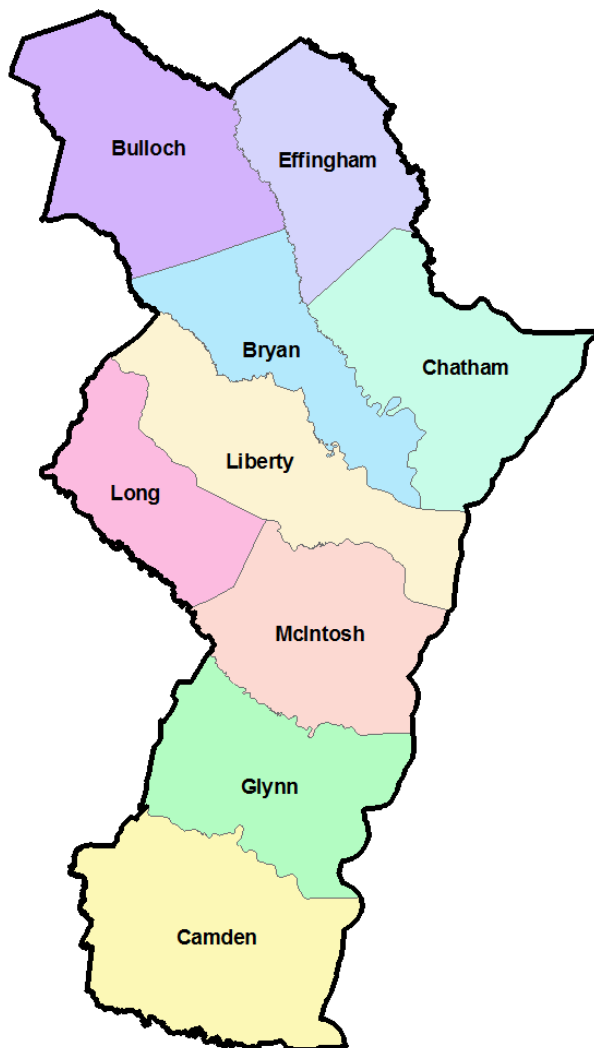


Table M1: Total Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Bryan County	3,410	6,957	14,652
Bulloch County	7,460	10,456	12,239
Camden County	5,834	9,056	11,404
Chatham County	38,435	49,915	64,838
Effingham County	5,864	11,749	22,098
Glynn County	14,376	21,204	27,248
Liberty County	4,796	7,636	9,860
Long County	1,466	2,298	3,531
Marion County	1,496	2,102	2,381
Total	83,139	121,372	168,251

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table M2: Percentage of Population 65 and Older by County, 2016, 2025, and 2040

County	2016	2025	2040
Bryan County	10.4%	15.5%	19.5%
Bulloch County	11.8%	15.8%	19.1%
Camden County	10.4%	14.5%	19.5%
Chatham County	10.4%	14.9%	19.3%
Effingham County	13.4%	18.1%	19.6%
Glynn County	15.8%	19.0%	19.8%
Liberty County	15.9%	18.2%	19.2%
Long County	8.2%	13.6%	19.1%
Marion County	8.5%	13.9%	19.8%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table M3: Population Change by Year and Age Group, Coastal Georgia Region

	Population Aged 65 to 74	Population Aged 75 to 84	Population Aged 85 and Older
2013	28,289	14,322	8,736
2014	29,525	15,002	8,812
2015	30,761	15,682	8,889
2016	31,997	16,363	8,966
2017	33,233	17,043	9,042
2018	34,469	17,723	9,119
2019	35,417	18,708	9,365
2020	36,364	19,694	9,611
2021	37,312	20,679	9,858
2022	38,259	21,664	10,104
2023	39,207	22,650	10,350
2024	39,973	23,644	10,805
2025	40,739	24,638	11,260
2030	43,504	29,172	13,945
2035	44,011	32,774	17,316
2040	43,429	35,091	20,966
2045	43,201	35,648	24,839
2050	44,417	35,458	28,089

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table M4: Percentage Change by Year and Age Group, Coastal Georgia Region

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Percentage change 65 to 74	-	4.4%	4.2%	4.0%	3.9%	3.7%	2.7%	2.7%	2.6%	2.5%	2.5%	2.0%	1.9%	6.8%	1.2%	-1.3%	-0.5%	2.8%
Percentage change 75 to 84	-	4.8%	4.5%	4.3%	4.2%	4.0%	5.6%	5.3%	5.0%	4.8%	4.5%	4.4%	4.2%	18.4%	12.3%	7.1%	1.6%	-0.5%
Percentage change 85 or older	-	0.9%	0.9%	0.9%	0.9%	0.8%	2.7%	2.6%	2.6%	2.5%	2.4%	4.4%	4.2%	23.9%	24.2%	21.1%	18.5%	13.1%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table M5: Percentage Change Aged 65 to 74 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Bryan	-	8.1%	7.5%	7.0%	6.5%	6.1%	6.6%	6.2%	5.9%	5.5%	5.2%	6.8%	6.4%	28.1%	22.4%	21.5%	16.0%	12.5%
Bulloch	-	3.6%	3.4%	3.3%	3.2%	3.1%	2.5%	2.4%	2.3%	2.3%	2.2%	1.3%	1.3%	3.8%	-2.0%	-4.4%	-1.7%	6.4%
Camden	-	3.4%	3.3%	3.2%	3.1%	3.0%	2.3%	2.2%	2.2%	2.1%	2.1%	3.1%	3.0%	10.3%	0.2%	-4.8%	-1.9%	7.3%
Chatham	-	2.4%	2.4%	2.3%	2.2%	2.2%	2.4%	2.3%	2.3%	2.2%	2.2%	2.4%	2.4%	9.8%	3.8%	-1.0%	0.1%	5.8%
Effingham	-	6.3%	5.9%	5.6%	5.3%	5.0%	6.5%	6.1%	5.7%	5.4%	5.2%	6.0%	5.7%	24.8%	17.1%	11.9%	8.0%	9.2%
Glynn	-	4.1%	3.9%	3.8%	3.7%	3.5%	2.0%	2.0%	1.9%	1.9%	1.9%	1.9%	1.9%	7.4%	2.6%	-1.0%	0.0%	4.6%
Liberty	-	3.8%	3.6%	3.5%	3.4%	3.3%	3.9%	3.7%	3.6%	3.5%	3.4%	3.1%	3.0%	8.7%	-0.3%	1.2%	8.5%	17.3%
Long	-	7.1%	6.6%	6.2%	5.9%	5.5%	6.0%	5.7%	5.3%	5.1%	4.8%	4.2%	4.1%	15.6%	8.2%	6.7%	6.7%	10.5%
Marion	-	2.2%	2.2%	2.1%	2.1%	2.1%	2.2%	2.1%	2.1%	2.0%	2.0%	2.7%	2.6%	7.4%	-4.0%	-8.8%	-7.8%	-3.4%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table M6: Percentage Change Aged 75 to 84 by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Bryan	-	8.4%	7.8%	7.2%	6.7%	6.3%	10.2%	9.3%	8.5%	7.8%	7.3%	8.1%	7.5%	37.4%	34.1%	28.4%	23.6%	22.8%
Bulloch	-	5.3%	5.0%	4.8%	4.6%	4.4%	4.6%	4.4%	4.2%	4.1%	3.9%	3.6%	3.5%	15.8%	10.7%	4.3%	-1.9%	-4.2%
Camden	-	10.0%	9.1%	8.4%	7.7%	7.2%	8.3%	7.7%	7.2%	6.7%	6.3%	3.5%	3.4%	14.8%	12.9%	9.3%	-0.7%	-5.3%
Chatham	-	3.3%	3.2%	3.1%	3.0%	2.9%	4.1%	4.0%	3.8%	3.7%	3.6%	3.7%	3.5%	17.1%	14.7%	10.6%	4.3%	0.4%
Effingham	-	10.5%	9.5%	8.7%	8.0%	7.4%	9.2%	8.4%	7.8%	7.2%	6.7%	6.5%	6.1%	32.7%	31.6%	25.4%	18.1%	13.1%
Glynn	-	6.5%	6.1%	5.8%	5.5%	5.2%	6.8%	6.3%	6.0%	5.6%	5.3%	4.3%	4.1%	16.8%	11.0%	8.5%	3.5%	0.0%
Liberty	-	8.4%	7.7%	7.2%	6.7%	6.3%	7.5%	7.0%	6.5%	6.1%	5.8%	3.8%	3.6%	19.4%	17.7%	7.4%	-1.6%	0.6%
Long	-	4.5%	4.3%	4.1%	4.0%	3.8%	7.2%	6.7%	6.3%	5.9%	5.6%	6.9%	6.4%	31.7%	24.6%	14.4%	7.0%	5.6%
Marion	-	8.6%	7.9%	7.3%	6.8%	6.4%	5.7%	5.4%	5.1%	4.9%	4.6%	2.2%	2.2%	10.8%	11.8%	7.4%	-3.7%	-7.7%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table M7: Percentage Change Aged 85 or Older by County by Year

County	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045	2050
Bryan	-	0.7%	0.7%	0.7%	0.6%	0.6%	4.5%	4.3%	4.1%	3.9%	3.8%	7.1%	6.6%	41.2%	42.6%	37.5%	36.9%	30.0%
Bulloch	-	2.7%	2.7%	2.6%	2.5%	2.5%	3.8%	3.6%	3.5%	3.4%	3.3%	4.3%	4.1%	21.5%	20.2%	16.9%	12.2%	5.7%
Camden	-	2.3%	2.2%	2.2%	2.1%	2.1%	5.9%	5.5%	5.3%	5.0%	4.8%	9.0%	8.3%	41.1%	27.6%	16.3%	14.6%	8.9%
Chatham	-	0.2%	0.2%	0.2%	0.2%	0.2%	1.3%	1.3%	1.3%	1.3%	1.3%	2.4%	2.4%	15.0%	19.2%	19.2%	15.9%	10.4%
Effingham	-	2.5%	2.4%	2.4%	2.3%	2.2%	5.3%	5.0%	4.8%	4.5%	4.3%	9.6%	8.7%	44.9%	38.2%	34.9%	33.6%	27.0%
Glynn	-	2.0%	1.9%	1.9%	1.8%	1.8%	3.7%	3.6%	3.5%	3.3%	3.2%	5.2%	4.9%	27.4%	25.2%	18.0%	14.2%	10.6%
Liberty	-	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	4.9%	4.6%	4.4%	4.2%	4.1%	7.2%	6.8%	35.0%	26.0%	20.5%	18.9%	7.0%
Long	-	-2.0%	-2.0%	-2.0%	-2.1%	-2.1%	1.2%	1.2%	1.2%	1.2%	1.2%	3.2%	3.1%	22.4%	30.8%	30.3%	24.8%	15.0%
Marion	-	0.9%	0.9%	0.9%	0.9%	0.9%	4.3%	4.1%	4.0%	3.8%	3.7%	6.7%	6.3%	29.2%	18.9%	13.4%	13.8%	7.3%

Source: Authors' analysis of population projections from the Governor's Office of Planning and Budget, Series 2015

Table M8: FY 2018 Program Funding and Trips for Coastal Georgia, DHS Region 12

Program	Funding Source	Trips	Expenditures
DHS Coordinated Transportation	5310 UZA	1,954	\$17,508.78
	5310 Large UZA	5,172	\$48,511.99
	SSBG Fed	10,742	\$96,106.77
	SSBG match	1,465	\$13,105.47
	SSBG (Offset)	(1,465)	(\$13,105.47)
	TTS SSBG	12,037	\$108,225.98
	CBS State	12,345	\$111,344.00
	Title III Fed	27,103	\$252,779.88
	Title III State	1,595	\$14,869.42
	Title III Match	3,189	\$29,738.80
	Title III (Offset)	(2,805)	(\$29,738.80)
	Total	71,332	\$649,346.82
DCH Medicaid non-emergency medical transportation, 60 and older only	Medicaid funds	29,057	\$428,011
Grand Total		100,389	\$1,077,357.82

Source: Authors' analysis of administrative data provided by Georgia DHS and DCH

Table M9: Medicaid NEMT Data for FY 2018 by County

County	All Members, Monthly Average	60+ Members, Monthly Average	All Members Accessing NEMT	60+ Members Accessing NEMT	Total Capitation Amount for All Members	Capitation Amount for Members 60+	Number of One-Way Trips for All Members	Number of One- Way Trips for Members 60+
Bryan	5,258	580	164	57	\$284,699	\$18,209	2,443	793
Bulloch	14,399	1,528	729	195	\$816,648	\$46,432	9,319	3,003
Camden	8,318	728	169	51	\$473,009	\$20,582	1,674	637
Chatham	52,856	6,088	2,040	741	\$2,985,032	\$212,682	50,399	18,212
Effingham	9,241	763	177	49	\$509,023	\$19,897	3,064	783
Glynn	17,434	1,813	793	216	\$989,627	\$57,172	10,558	2,632
Liberty	12,522	966	634	156	\$706,558	\$32,314	8,613	2,198
Long	3,750	297	184	50	\$223,941	\$11,009	2,312	674
McIntosh	2,578	425	65	17	\$135,087	\$9,714	807	125
Regional Total	126,356	13,187	4,955	1,532	\$7,123,625	\$428,011	89,189	29,057

Source: Authors' analysis of administrative data provided by DCH

Table M10: Medicaid NEMT Data for FY 2018 by County

County	Percentage of Monthly Average Members that are 60+	Percentage of Members Accessing NEMT that are 60+	Percentage of Capitation Amount Paid for Members 60+	Percentage of One-Way Trips for Members 60+
Bryan	11%	35%	6%	32%
Bulloch	11%	27%	6%	32%
Camden	9%	30%	4%	38%
Chatham	12%	36%	7%	36%
Effingham	8%	28%	4%	26%
Glynn	10%	27%	6%	25%
Liberty	8%	25%	5%	26%
Long	8%	27%	5%	29%
McIntosh	16%	26%	7%	15%
Regional Percentage	10%	31%	6%	33%

Source: Authors' analysis of administrative data provided by DCH

Table M11: Public Transportation Data for the Regional Transit Providers

Name	Mode *	Fare Revenues per Unlinked Passenger Trip	Fare Revenues per Total Operating Expense (Recovery Ratio)	Cost per Hour	Passengers per Hour	Cost per Passenger	Cost per Passenger Mile	Fare Revenues Earned	Total Operating Expenses	Unlinked Passenger Trips	Vehicle Revenue Hours	Vehicle Revenue Miles
Chatham Area Transit Authority	DR	\$0.45	0.02	\$62.37	2.4	\$26.19	\$4.31	\$12,905	\$753,088	28,755	12,075	233,007
Chatham Area Transit Authority	DR	\$2.31	0.07	\$48.71	1.5	\$31.49	\$3.39	\$159,898	\$2,183,538	69,333	44,826	664,781
Coastal Regional Commission	DR	\$1.91	0.07	\$33.02	1.3	\$25.69	\$0.00	\$287,071	\$3,868,259	150,551	117,163	2,100,980
Liberty Transit	MB	\$0.80	0.02	\$84.86	2.0	\$42.50	\$0.00	\$13,470	\$714,161	16,805	8,416	102,400
Total								\$473,344	\$7,519,046	265,444	182,480	3,101,168

*Modes: Bus mode (MB) and demand-response services (DR). Note: All bus mode, heavy rail, and demand-response services, where available, were included.

Source: United States Department of Transportation Federal Transit Administration National Transit Database, 2016

Regional Highlights and Barriers

Coastal Georgia AAA staff were surveyed to gain an understanding of successful transportation strategies and programs, and also factors that act as barriers within the region. Coastal Georgia operates a regional transportation system, Coastal Regional Coaches, which is coordinated through the Coastal Regional Commission.

- Highlights in service
 - Coastal Regional Commission uses purchase-of-service contracts to gain additional revenue to offset the cost of demand-response services.
 - Regional system administration allows for pooling of resources
- Barriers to service access
 - Regional fleet lacks capacity
 - Current vehicles can only transport relatively small numbers of passengers at a time.
 - Not all vehicles are accessible given rurality of specific locations (e.g., in areas with no sidewalk, wheelchair ramps in the back of the vehicle, rather than side, are more accessible. Currently they do not have any vehicles with ramps in the back).
 - Challenging to coordinate with veterans groups
 - Census re-zoning (specifically from rural to small urbanized zoning areas) is disqualifying people who need transportation and previously accessed rural transportation services.
 - These areas do not have fixed-route transit or many other alternative transportation options.
 - Reporting and billing systems are not integrated, which creates inefficiencies
 - DHS's TRIP\$ system only does billing, while GDOT's 2Ride system only does scheduling.
 - Most significant provider-reported unmet needs included:
 - Recurring specialized transportation needs (e.g., recurring medical treatments like dialysis)

APPENDIX N: MOBILITY NEED INDEX (MONI)

METHODOLOGY

The MoNI values were calculated using a methodology developed by the Texas A&M Transportation Institute.¹ This index predicts the population's reliance on public transportation at the county level. Data used to generate each county's MoNI is from the 2016 American Community Survey (ACS) 5-Year Estimate data [2-5]. The demographic information captured from the 2016 ACS 5-Year Estimate to construct the MoNI is provided in Table N1.

Table N1: ACS Data Used to Construct the MoNI

Demographic	Description
Ages 65-74	The number of residents in each county ages 65-74 (ACS Table S0101)
Ages 75-84	The number of residents in each county ages 75-84 (ACS Table S0101)
Ages 85 and Over	The number of residents in each county ages 85 and over (ACS Table S0101)
Poverty Status	The share of residents ages 65 and over living below the poverty line (ACS Table S1701)
Disability Status	The share of residents ages 65 and over with disability status (ACS Table B18101)
No Vehicle Access	The share of residents ages 65 and over living in homes with no vehicles (ACS Table B25045)

Index Methodology

The MoNI was designed to capture areas of high transportation need among adults aged 65 and older. The index was developed by researchers at Texas A&M, and reflects demographic characteristics that contribute to transportation need including: age, poverty status, disability status, and access to a vehicle. County level data for each of the MoNI categories was gathered from ACS data in the U.S. Census American Fact Finder.

Variable Normalization

County-level population data from the ACS was merged with land area data from the 2010 U.S. Census to normalize the values in each demographic category to persons-per-square-mile estimates.⁶

Variable Weighting

Input from published research, other transportation indices, and stakeholders, was used to weight each of the demographic categories in constructing the MoNI. The category weights, provided in Table N2, ranged from 0.5 to 1.5. Each normalized category value was multiplied by their corresponding weight and divided by the sum of all weights (7.5).

Table N2: MoNI Category Weights

Demographic Category	Weight
Ages 65-74	0.5
Ages 75-84	1
Ages 85 and Over	1.5
Poverty Status	1.5
Disability Status	1.5
No Vehicle Access	1.5

Logarithmic Transformation

Due to the skewed nature of the MoNI scores resulting from variations in county population and land area, the MoNI was log transformed to produce a normal distribution of values. Figures N1 and N2 illustrate the pre- and post-transformation MoNI distributions.

Figure N1: Pre-Transformation Distribution

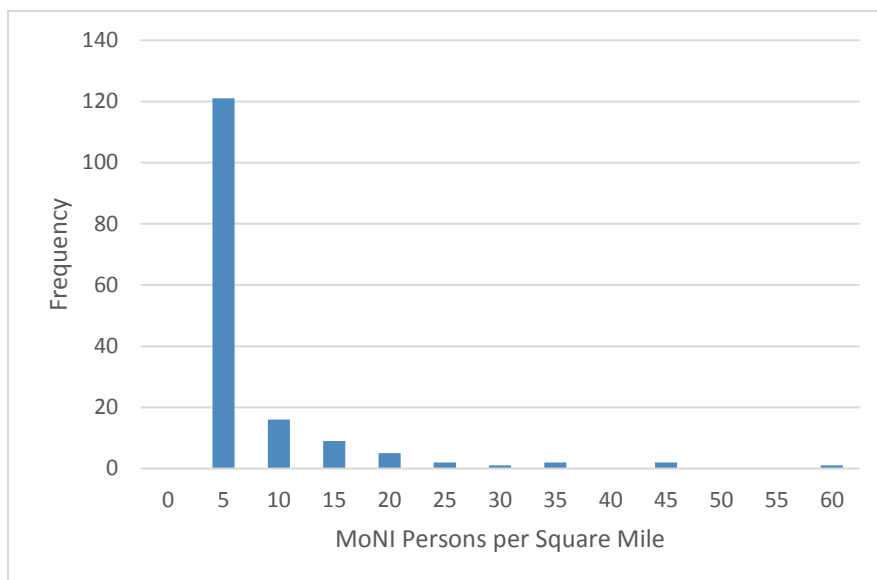
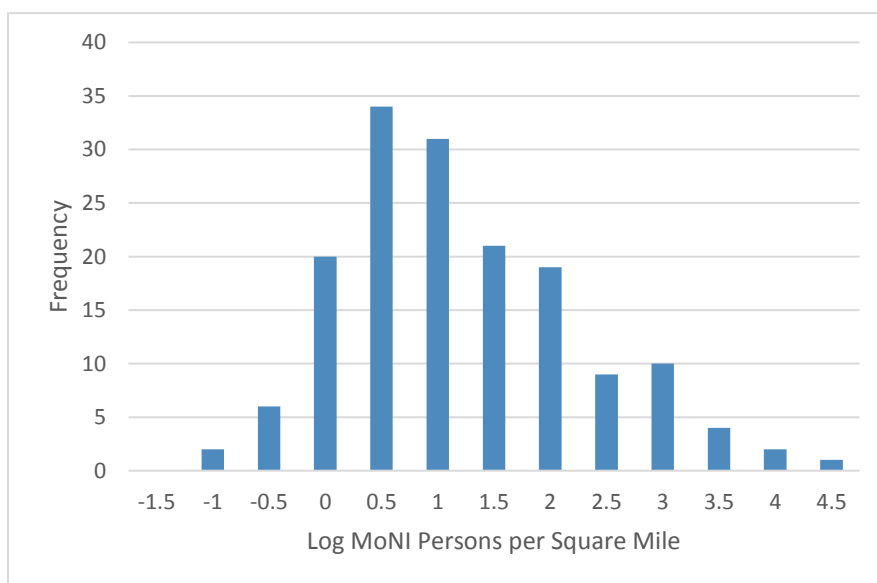


Figure A2: Post-Transformation Distribution



References

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6. United States Census Bureau. 2010 Census Summary File 1: Table GCT-PH1: Population, Housing Units, Area, and Density: 2010.
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APPENDIX O: POPULATION PROJECTION DATA METHODOLOGY

Population Projection Data

Data for projected population by age and county in the years 2016, 2025, and 2040 were obtained from the Governor's Office of Planning and Budget (OPB).¹ Population projection data is managed and provided by the OPB for the purposes of assessing the states' future service and infrastructure needs. The OPB projection data included in this report was created using the 2013 Census.

References

1. Governor's Office of Planning and Budget. Population Projections.
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APPENDIX P: NONDRIVER ESTIMATE METHODOLOGY

To estimate the number of non-drivers throughout the state we used individual level responses from the 2016 ACS 5-year data file and applied estimates of driving rates by age group (70-74, 75-79, 80-84, >85) and gender published by Foley et al. (2002).

In the ACS data, individuals are grouped by their residence into Public Use Microdata Areas (PUMAs). PUMAs are geographic areas with a population of at least 100,000 people. These PUMAs were cross walked to DAS transportation regions to group individuals into their corresponding regions.

After identifying the DAS region of residence for each survey respondent, we assigned respondents to the following gender specific age groups: women aged 70-74, women aged 75-79, women aged 80-84, women aged 85+, men aged 70-74, men aged 75-79, men aged 80-84, and men aged 85+. These age/gender groups correspond to those identified in the Foley research.

To generate the total number of people represented in each age and gender group, we multiplied the indicator of each respondent's gender/age grouping by their ACS person weight. The ACS person weight captures the number of people an individual respondent represents based on various demographic and geographic characteristics. Once individuals were weighted within their age/gender group, we summed the total number of people represented in each group by region. This gave use the total number of women and men in each age group by DAS region.

Finally, we multiplied each age and gender group by the share of people in that group that were estimated to not drive by Foley et al. (2002):

Table P1: Estimated share of population that does not drive by gender and age

Age group	Men	Women
70-74	12%	30.2%
75-79	15.6%	39.6%
80-84	21.9%	55.2%
85+	45.4%	77.8%

Source: Foley et al. 2002

After multiplying the number of people in each age/gender/region group by the corresponding Foley estimates of non-driving rates, we summed the resulting values across gender and region to get the number of men and women over 70 not driving in each region.

Reference

1. Foley, D., Heimovitz, H., Guralnik, J. and Brock, D. (2002). Driving Life Expectancy of Persons Aged 70 Years and Older in the United States. *American Journal of Public Health*, 92(8), 1284-1289. DOI: 10.2105/AJPH.92.8.1284

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