

2050 MTP -- Deficiency Analysis
Performance Measures by County

County =		Chatham*	Durham	Orange	Chatham*	Durham	Orange	Chatham*	Durham	Orange
SE Data ==>		2016			2050			2016 - 2050		
Transportation Network ==>		2016			E+C			Change		
2.1.1	- Drive alone (single occupant vehicle -SOV)	82,753	657,260	269,675	188,484	1,078,082	371,330	128%	64%	38%
2.1.2	- Carpool (Share ride)	68,032	526,119	229,627	158,423	874,002	313,164	133%	66%	36%
2.1.3	- Bus	1,579	26,533	24,224	2,972	35,280	44,937	88%	33%	86%
2.1.4	- Rail	-	-	-	-	-	-	N/A	N/A	N/A
2.1.5	- Non-Motorized (Bike and Walk)	7,038	159,620	150,415	17,035	337,666	214,621	142%	112%	43%
2.2	Work Trips - Daily									
2.2.1	- Drive alone (single occupant vehicle -SOV)	25,716	134,785	62,852	58,164	233,388	86,912	126%	73%	38%
2.2.2	- Carpool (Share ride)	3,612	20,240	8,513	7,533	31,800	10,390	109%	57%	22%
2.2.3	- Bus	828	7,840	6,218	1,544	10,947	6,838	86%	40%	10%
2.2.4	- Rail	-	-	-	-	-	-	N/A	N/A	N/A
2.2.5	- Non-Motorized (Bike and Walk)	360	8,363	3,989	1,219	17,878	5,828	239%	114%	46%
2.2a	Work Trips - Mode Share									
2.2.1a	- Drive alone (single occupant vehicle -SOV)	84%	79%	77%	85%	79%	79%	1%	1%	3%
2.2.2a	- Carpool (Share ride)	12%	12%	10%	11%	11%	9%	-7%	-8%	-9%
2.2.3a	- Bus	3%	5%	8%	2%	4%	6%	-17%	-19%	-18%
2.2.4a	- Rail	0%	0%	0%	0%	0%	0%	N/A	N/A	N/A
2.2.5a	- Non-Motorized (Bike and Walk)	1%	5%	5%	2%	6%	5%	51%	24%	8%
3	Transit Measures									
3.1	Transit Ridership (regionwide)									
3.1.1	- GoTriangle (rail not included in 2016 and E+C)			17,035			30,363			78%
3.1.2	- GoRaleigh			23,853			62,385			162%
3.1.3	- CHT			29,797			59,794			101%
3.1.4	- GoDurham			23,286			26,842			15%
3.1.5	- NCSU			11,873			18,999			60%
3.1.6	- DUKE			8,018			12,727			59%
3.1.8	- GoCary			2,597			3,688			42%
3.1.9	Total			117,036			214,908			84%
3.2	Total Rail Ridership	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Demographic Measures									
4.1	Population	45,556	297,573	142,581	102,833	459,669	193,634	126%	54%	36%
4.2	Employment	11,358	216,250	72,027	24,423	401,567	116,545	115%	86%	62%
4.3	Total Daily Person Trips	159,402	1,369,532	673,941	366,914	2,325,030	944,052	130%	70%	40%
4.3.1	Work Person Trips	30,516	171,228	81,572	68,460	294,013	109,968	124%	72%	35%
4.4	Total Daily CV (commercial vehicle) Trips	10,667	97,563	35,282	20,351	150,998	51,258	91%	55%	45%
4.4.1	Daily Truck Trips	4,108	41,097	14,033	7,281	62,458	20,525	77%	52%	46%

Notes:

* Chatham County values are for the portion of the county that is within the Triangle Regional Model area.

N/A = measure is not applicable, e.g., there is no rail transit in the scenario; value cannot be divided by zero.

Values are rounded so some math operations will appear incorrect, e.g., 90 - 89 = 0

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