

2035 LRTP and CTP
Evaluation Measures - DCHC MPO Area

Measures	2005	2035 E+C	2035 LRTP	2005-2035	2005-2035	2035 E+C -
				E+C	LRTP	2035 LRTP
				Change	Change	Change
1.0 Performance Measures						
1.1 Total VMT (daily)	10,673,559	16,660,440	16,934,762	56%	59%	2%
1.2 Total VHT (daily)	234,968	441,051	386,106	88%	64%	-12%
1.3 Average Speed by Facility (miles/ hour)						
1.3.1 - Freeway	60	56	60	-7%	0%	7%
1.3.2 - Arterial	40	36	41	-10%	1%	13%
1.3.3 - All Facilities	50	45	49	-10%	-1%	10%
1.4 Peak Average Speed by Facility (miles/ hour)						
1.4.1 - Freeway	59	54	59	-9%	0%	10%
1.4.2 - Arterial	39	34	40	-13%	2%	17%
1.4.3 - All Facilities	49	42	48	-13%	-2%	13%
1.5 Average Travel Time - All Trips (min.)	15	17	16	14%	8%	-5%
1.6 Average Travel Time - Work Trips (min.)	19	26	22	32%	16%	-12%
1.7 Peak Average Travel Time - All Trips (min.)	17	20	18	23%	11%	-10%
1.8 Hours of Delay (daily)	28,474	110,664	58,566	289%	106%	-47%
1.8.1 Commercial Vehicle Hours of Delay (daily)	1,200	4,085	2,271	240%	89%	-44%
1.9 Percent of VMT Congested - All Day						
1.91 - Freeway	2.3%	7.1%	2.5%	209%	9%	-65%
1.92 - Arterial	1.9%	9.2%	2.6%	384%	37%	-72%
1.9.3 - All Facilities	1.8%	7.3%	2.5%	306%	39%	-66%
1.10 Percent of VMT Congested - Peak						
1.10.1 - Freeway	4.1%	11.1%	4.2%	171%	2%	-62%
1.10.2 - Arterial	3.1%	14.1%	3.3%	355%	6%	-77%
1.10.3 - All Facilities	3.0%	11.5%	3.9%	283%	30%	-66%
1.10.4 Degree of congestion on designated truck routes	2.7%	9.6%	2.6%	256%	-4%	N/A
1.10.5 Degree of congestion on facilities w/bus routes	3.2%	9.4%	2.5%	194%	-22%	N/A
2.0 Mode Share Measures						
2.1 Percent Mode Choice - All Trips						
2.1.1 - Drive alone (single occupant vehicle -SOV)	54.0%	54.6%	54.2%	1%	0%	-1%
2.1.2 - Carpool (Share ride)	36.6%	36.7%	36.2%	0%	-1%	-1%
2.1.3 - Bus	2.4%	1.8%	2.5%	-23%	4%	36%
2.1.4 - Rail	0.0%	0.0%	0.3%	N/A	N/A	N/A
2.1.5 - Non-motorized (Bike and Walk)	7.1%	6.9%	6.8%	-3%	-4%	-1%
2.2 Percent Mode Choice for Motorized Trips - Peak Hours						
2.2.1 - Drive alone (single occupant vehicle -SOV)	57.9%	58.7%	58.2%	1%	0%	-1%
2.2.2 - Carpool (Share ride)	39.5%	39.3%	38.8%	0%	-2%	-1%
2.2.3 - Bus	2.6%	2.0%	2.7%	-25%	2%	35%
2.2.4 - Rail	0.0%	0.0%	0.3%	N/A	N/A	N/A
2.2.5 - Non-motorized (Bike and Walk)	N/A	N/A	N/A	N/A	N/A	N/A
2.3 Percent Mode Choice - Non Work Trips						
2.3.1 - Drive alone (single occupant vehicle -SOV)	46.0%	46.4%	46.1%	1%	0%	-1%
2.3.2 - Carpool (Share ride)	42.9%	43.3%	42.9%	1%	0%	-1%
2.3.3 - Bus	2.2%	1.7%	2.2%	-24%	0%	32%
2.3.4 - Rail	0.0%	0.0%	0.3%			
2.3.5 - Non-motorized (Bike and Walk)	8.8%	8.6%	8.5%	-3%	-3%	-1%
2.4 Daily Bicycle and Pedestrian Trips	133,302	206,435	206,912	55%	55%	0%
3.0 Transit Measures*						
3.1 Average Weekday Transit Ridership						
3.1.1 -Triangle Area Transit (TTA, including rail)	3,449	4,123	23,588	20%	584%	472%
3.1.2 - Capital Area Transit (CAT)	12,998	15,499	38,947	19%	200%	151%
3.1.3 - Chapel Hill Transit (CHT)	29,536	37,650	56,785	27%	92%	51%
3.1.4 - Durham Area Transit Authority (DATA)	13,801	17,607	35,820	28%	160%	103%
3.1.5 - NCSU	12,599	12,489	12,768	-1%	1%	2%
3.1.6 - Duke University	8,924	9,710	12,537	9%	40%	29%
3.1.7 - Orange County Public Transportation	0	0	678	N/A	N/A	N/A
3.1.8 - Cary	0	0	9,960	N/A	N/A	N/A

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3.1.9	- Total	81,309	97,081	191,086	19%	135%	97%
4.0	Demographics Measures						
4.1	Population	375,052	551,362	551,362	47%	47%	NA
4.2	Employment	227,208	389,249	389,249	71%	71%	NA
4.3	Total Daily Trips	1,875,413	3,006,024	3,037,164	60%	62%	1%
4.4	Total Daily Work Trips	416,063	685,131	695,029	65%	67%	1%
4.5	Total Daily Non-Work Trips	1,459,350	2,320,892	2,342,134	59%	60%	1%