



Socioeconomic Trends and Travel Patterns

Vehicle Trips Traveling Within or Between Counties D2

Table D-1: 2015 Vehicle Trips Traveling Within or Between Counties D2

Table D-2: % of 2015 Total County Vehicle Trips
Traveling Within or Between Counties D2

Table D-3: 2045 Vehicle Trips Traveling Within or Between Counties D2

Table D-4: % of 2045 Total County Vehicle Trips
Traveling Within or Between Counties D2

Transit Service Miles and Ridership..... D3

Table D-5: 2015 and 2045 Vehicle Service Miles..... D3

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Figure D-1: Metrolina CommunityViz Model -
Community Plans Growth Scenario..... D4

VEHICLE TRIPS TRAVELING WITHIN OR BETWEEN COUNTIES

In addition to trip purpose, the Metrolina travel demand model also provides information about the number of vehicle trips. The tables below show the total number of vehicle trips across a 16 county area, to and from the counties within the CRTPO’s planning area. Unlike the trip purpose tables (**Chapter 3**), the vehicle trips in these tables include all trip purposes.

TABLE D-1 | 2015 VEHICLE TRIPS TRAVELING WITHIN OR BETWEEN COUNTIES

COUNTY	IREDELL	MECKLENBURG	UNION
Cabarrus	6,750	137,340	5,330
Catawba (SE corner)	5,250	1,150	-
Cleveland	50	3,080	50
Gaston	460	79,170	580
Iredell	443,170	45,850	170
Lincoln	2,110	18,400	80
Mecklenburg	45,850	3,121,950	126,430
Rowan	19,140	9,240	250
Stanly	80	4,090	6,790
Union	170	126,430	410,100
Lancaster (panhandle)	20	21,680	11,350
York	140	100,740	4,400
ExtSta	25,650	71,210	14,410
Total	548,840	3,740,330	579,940

Note: All numbers are rounded to the nearest 10.
Source: MRM18v1.0

TABLE D-3 | 2045 VEHICLE TRIPS TRAVELING WITHIN OR BETWEEN COUNTIES

COUNTY	IREDELL	MECKLENBURG	UNION
Cabarrus	11,780	233,650	10,540
Catawba (SE corner)	7,880	1,280	10
Cleveland	60	3,260	70
Gaston	420	97,450	500
Iredell	699,900	56,250	200
Lincoln	3,200	26,830	100
Mecklenburg	56,250	4,805,210	190,260
Rowan	25,070	9,120	260
Stanly	80	3,200	8,510
Union	200	190,260	755,150
Lancaster (panhandle)	30	41,340	24,920
York	180	145,790	5,460
ExtSta	35,270	99,710	21,420
Total	840,320	5,713,350	1,017,400

Note: All numbers are rounded to the nearest 10.
Source: MRM18v1.0

TABLE D-2 | % OF 2015 TOTAL COUNTY VEHICLE TRIPS TRAVELING WITHIN OR BETWEEN COUNTIES

COUNTY	IREDELL	MECKLENBURG	UNION
Cabarrus	1.2%	3.7%	0.9%
Catawba (SE corner)	1.0%	0.0%	0.0%
Cleveland	0.0%	0.1%	0.0%
Gaston	0.1%	2.1%	0.1%
Iredell	80.7%	1.2%	0.0%
Lincoln	0.4%	0.5%	0.0%
Mecklenburg	8.4%	83.5%	21.8%
Rowan	3.5%	0.2%	0.0%
Stanly	0.0%	0.1%	1.2%
Union	0.0%	3.4%	70.7%
Lancaster (panhandle)	0.0%	0.6%	2.0%
York	0.0%	2.7%	0.8%
ExtSta	4.7%	1.9%	2.5%
Total	100.0%	100.0%	100.0%

Source: MRM18v1.0

TABLE D-4 | % OF 2045 TOTAL COUNTY VEHICLE TRIPS TRAVELING WITHIN OR BETWEEN COUNTIES

COUNTY	IREDELL	MECKLENBURG	UNION
Cabarrus	1.4%	4.1%	1.0%
Catawba (SE corner)	0.9%	0.0%	0.0%
Cleveland	0.0%	0.1%	0.0%
Gaston	0.0%	1.7%	0.0%
Iredell	83.3%	1.0%	0.0%
Lincoln	0.4%	0.5%	0.0%
Mecklenburg	6.7%	84.1%	18.7%
Rowan	3.0%	0.2%	0.0%
Stanly	0.0%	0.1%	0.8%
Union	0.0%	3.3%	74.2%
Lancaster (panhandle)	0.0%	0.7%	2.4%
York	0.0%	2.6%	0.5%
ExtSta	4.2%	1.7%	2.1%
Total	100.0%	100.0%	100.0%

Source: MRM18v1.0

Vehicle service miles – the miles traveled by transit buses and trains operating on routes picking up or dropping off passengers – is a standard measure of estimating the level of transit service. **Table D-5** shows the daily vehicle service miles, by transit mode, projected to be provided between 2015 and 2045.

TABLE D-5 | 2015 AND 2045 VEHICLE SERVICE MILES

RIDERSHIP	2015	2045
CATS Total	43,660	45,010
Light Rail	1,610	3,190
Street Car	210	620
Regional Express	2,070	1,530
Express	5,800	6,770
Feeder	3,900	3,930
Local	30,070	28,970

Note: All numbers are rounded to the nearest 10.
Source: MRM18v1.0

Table D-6 shows the number of passengers estimated to use the respective transit services during each average weekday.

TABLE D-6 | 2015 AND 2045 RIDERSHIP

RIDERSHIP	2015	2045
CATS Total	83,800	181,800
Light Rail	16,900	70,800
Street Car	2,600	8,800
Regional Express	1,200	2,900
Express	5,700	9,400
Feeder	4,400	6,300
Local	52,900	83,700

Note: All numbers are rounded to the nearest 100.
Source: MRM18v1.0

