

GURRENT TRAVEL PATTERNS AND FUTURE TRAVEL FOREGASTING

¹¹³ US 113 North / South Study

Origin-Destination Study

Last summer, on three Saturdays in July and August. DelDOT conducted the US 113 Origin-Destination Survey at 17 intersections in Sussex and Southern Kent Counties.

A mail-back survey form was used to collect information on current travel patterns. The survey included a map so that travelers could indicate exactly where their trip began and ended.





Overall, 21,070 surveys were distributed and 2,161 responses were received - a 10% response rate. Station 12 had the highest number of surveys given out (over 2,600) and Station 14 had highest return rate (15%).

The survey information was entered into a computer database that allowed DeIDOT's planners to match drivers' origins and destinations and to analyze common travel patterns. The following two panels contain examples of the types of information obtained from the survey responses.

The percentage of shopping trips have doubled between 1987 and 2003, reflecting the growth in shopping destinations in the US 113 Corridor and the effect the Rehoboth Outlets has had on regional travel patterns.

Origins and



highest recorded trip.

This map shows the percentages of origins

and destinations that formed a connected

example, that 35% of the travelers surveyed

beyond the Bay Bridge. This was, by far, the

at Station 9, on SR 20 near Millsboro, started

trip for each survey station. Notice, for

their trip in Bethany Beach and ended it

A map like this was developed for each of the survey stations. It shows how the trip origins and destinations were spread around the state and outside the state. with the darker shading being the higher percentage origins and destinations.

Trip Purpos

Work

Shopping

Other

Total

ecreation/Socia

Trip Purpose

8.2%

7.1%

81.6%

3.0%

100%

Percentage of Trips

Previous Survey Latest Survey

6.5%

15.4%

68.3%

9.8%

100%



Origins and Destination by State

Origin State Number

1

38

14

11

87

1

 Unknown*
 1
 0.4%

 Grand Total
 241
 100%

36.1%

0.4%

2.1%

0.4%

Connecticut

Washington DC

Florida

Massachusetts Maryland

North Carolina

New Hampshire

New Jersev

Pennsylvania

Rhode Island

Virginia

West Virginia

New York

Delaware

Percentage		Destination State	Number	Percentage
0.4%		Delaware	129	53.5%
0.4%		Maryland	94	39.0%
32.0%		New Jersey	1	0.4%
0.4%		New York	1	0.4%
0.4%		Pennsylvania	2	0.8%
15.8%		Virginia	11	4.6%
0.4%		Unknown*	3	1.3%
0.4%		Grand Total	241	100%
5.8%				
4 60/	Source	e: Station 12 on South	bound US 113	8 Near Georgeto

Key Survey Findings

- At Station 12, 59% of the 241 survey respondents had either an origin or destination in Delaware; the remaining 41% was through traffic (neither trip end in Delaware).
- 9 27% of those responding at Station 12 had both trip ends in Delaware.
- At Station 8, on northbound US 113 near Selbyville, 38% of the 140 survey respondents had either an origin or destination in Delaware, the remaining 62% was through traffic (neither trip end in Delaware).
- . Coming from the west, about an equal number of drivers destined for Rehoboth (approx. 2,000 per day) use Route 16 and Route 404/18.
- At Station 4, on eastbound Route 404 west of Bridgeville, about twice as many drivers use Route 404 to reach Bethany as they do to reach Rehoboth
- At Station 15, on Route 1 south of Milford, about 30% of traffic is destined for Bethany Beach or points farther south.

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the transportation network as far as twenty years into the future.