Wilmington Area Planning Council

WILMAPCO

Public Opinion Survey of Cecil County Residents

DRAFT Summary of Results
June 2007

Prepared by:

NATIONAL RESEARCH CENTER INC.
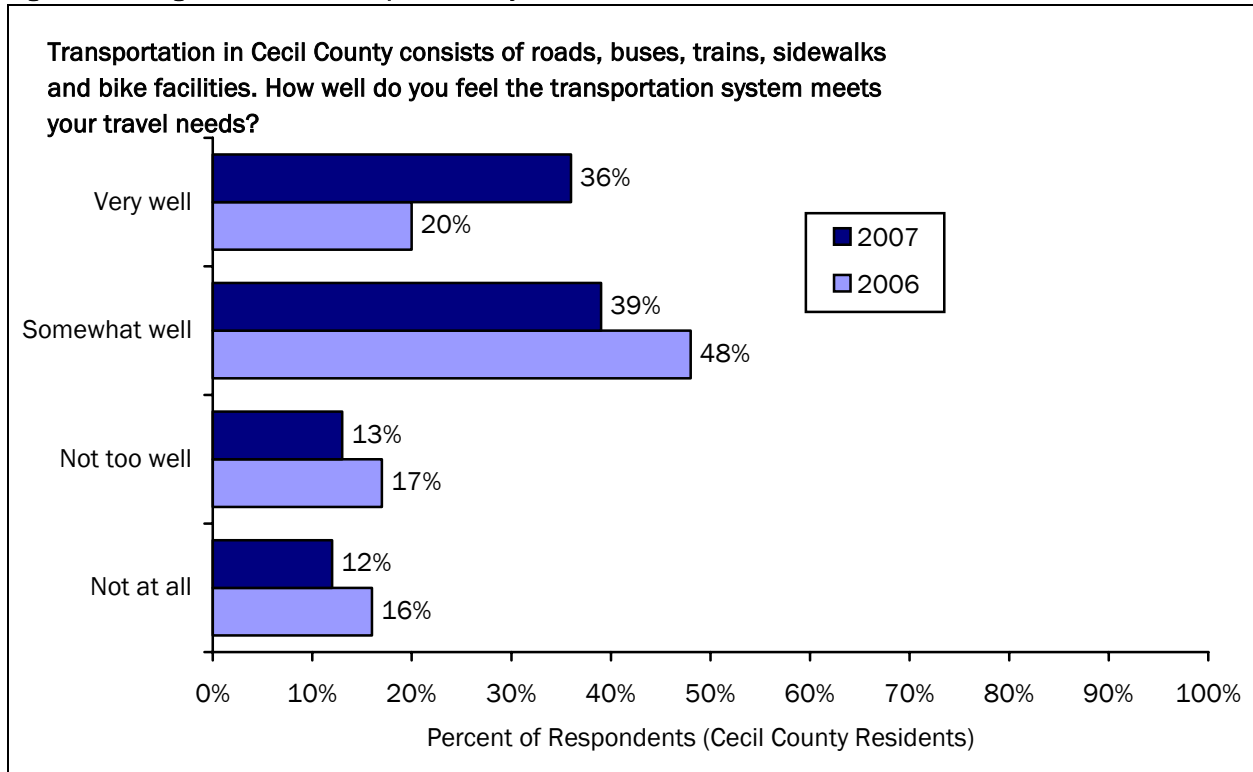
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Summary of Results

Background

A telephone survey was conducted of a random sample of 408 residents of Cecil County, Maryland, for which WILMAPCO is the Metropolitan Planning Organization. The purpose of the survey was to gather information on the transportation choices made by residents and to gauge their perceptions and thoughts regarding transportation The interview script was developed by the staff and board of WILMAPCO. The script was pilot tested and revised before being fully fielded by Aspen Media Research, a survey call center. Interview responses were imported into an SPSS dataset for analysis by National Research Center, Inc. More information about the survey methodology can be found in *Appendix D: Survey Methodology*, and a copy of the survey itself can be found in *Appendix E: Interview Script.* Tables of survey results can be found in *Appendix A: Responses to Survey Questions.* A brief summary of the results is presented below.

Perceptions of the Transportation System

Those interviewed were asked how well they felt the current transportation system meets their travel needs. A similar question had been asked in 2006, and a positive change was observed; one in five respondents reported feeling that their transportation needs were "very well" met in 2006 while in 2007 over a third reported feeling their needs were "very well" met.

Figure 1: Ratings of Current Transportation System

Transportation in Cecil County consists of roads, buses, trains, sidewalks and bike facilities. How well do you feel the transportation system meets your travel needs?

Rating	2007	2006
Very well	36%	20%
Somewhat well	39%	48%
Not too well	13%	17%
Not at all	12%	16%

Percent of Respondents (Cecil County Residents)

When asked to rate the condition of roads and highways in Cecil County, over half (55%) thought they were "excellent" or "good" (see Figure 2). Over half of respondents said they thought the condition of Cecil County's roads and highways had stayed about the same over the past few years (see Table 31 in *Appendix A: Responses to Survey Questions*), while similar proportions of respondents felt conditions had improved (23%) as thought conditions had deteriorated (22%). About a quarter of respondents said they had noticed improvements made by the State to the transportation system (see Table 35).

Figure 2. Ratings of the condition of roads and highways

Overall, how would you rate the condition of Cecil County's roads and highways?

Excellent, 8%
Good, 47%
Poor, 10%
Fair, 35%
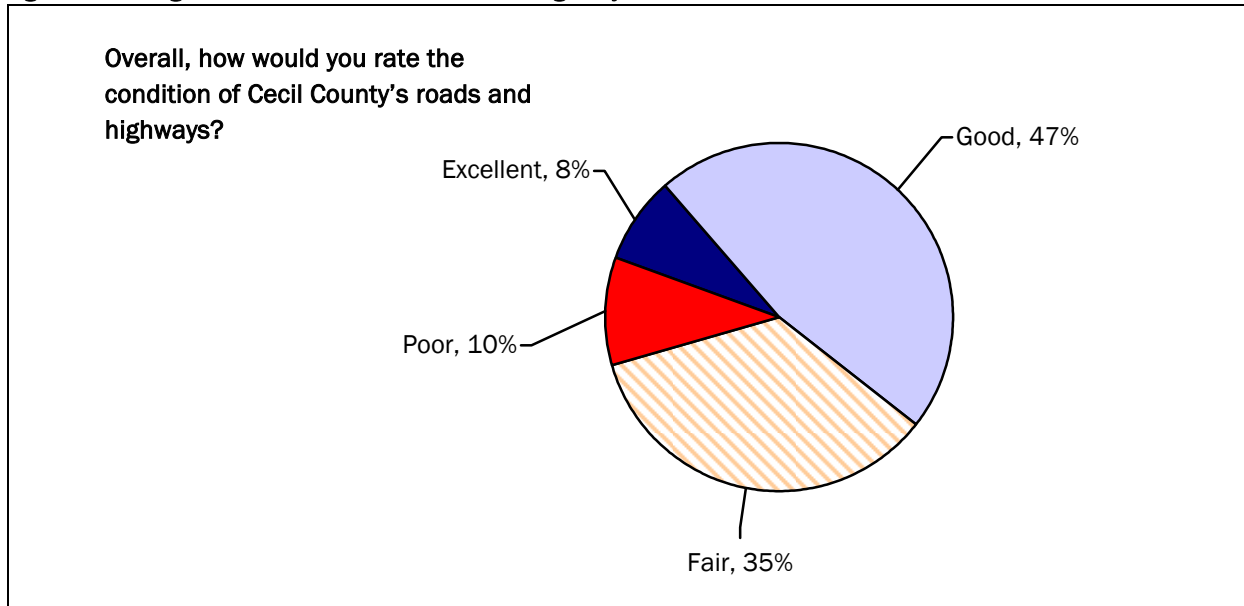
Perceptions of Congestion

Employed respondents were asked how often they experienced traffic congestion during their work commute. About a third said they find themselves in traffic congestion on the way to work "most of the time" (see Figure 3). Commute times were roughly 30 minutes on average normally, but were estimated to be about 23 minutes on average without congestion (see Figure 4).

Figure 3. Ratings of congestion during the work commute by employed respondents
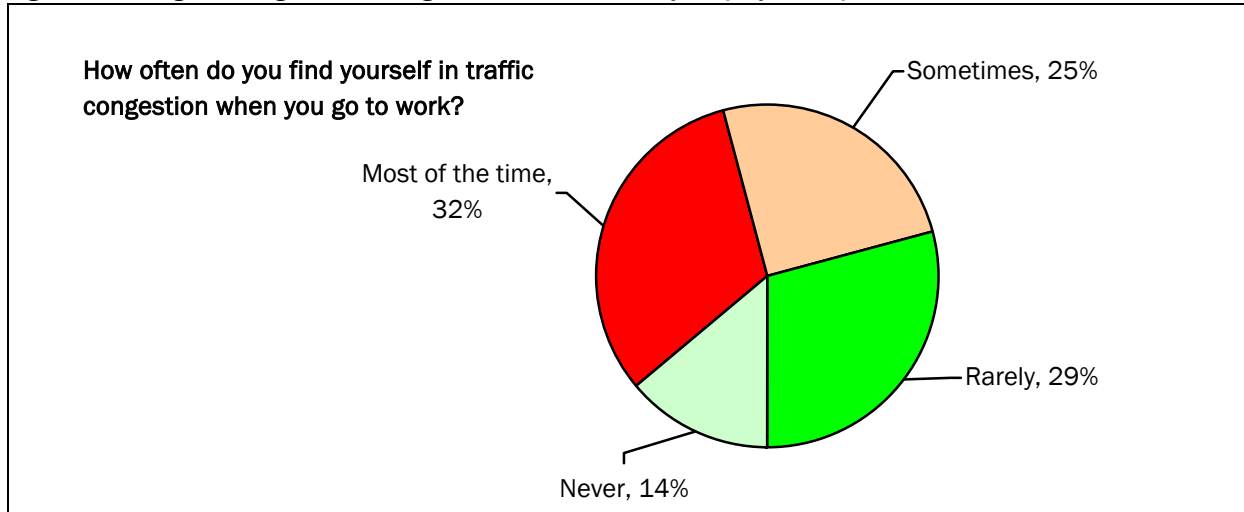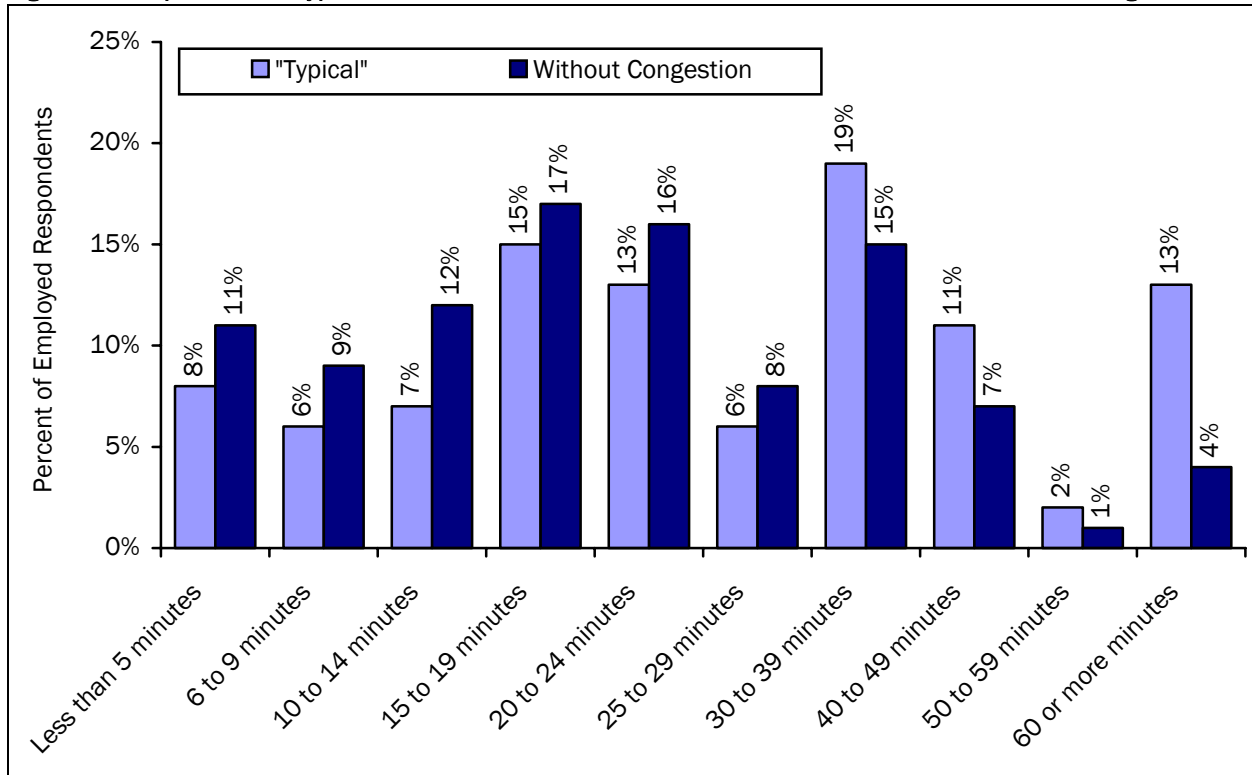

How often do you find yourself in traffic congestion when you go to work?

Most of the time, 32%

Sometimes, 25%

Rarely, 29%

Never, 14%

Figure 4: Comparison of "Typical" Commute to Work Times with Commute Times without Traffic Congestion

Residents' Mode Choice

In general, Cecil County residents feel like they do not have a lot of transportation options; in 2007, 87% reported they have "very few" choices, and even greater proportion than in 2006, when 69% reported they have "very few" choices (see Figure 5). Respondents' assessment of the job the State is doing in improving accessibility to alternative modes of transportation was rather low; 40% felt the State was doing a "poor job" while another 42% felt the State was doing a "fair" job. Less than 20% felt the State was doing a "very good" or "excellent" job (see Figure 6).

Figure 5: Perceptions of Availability of Transportation Options

Would you say that you have many different means of travel to choose from such as auto, mass transit, biking and walking to meet your travel needs or would you say that you have very few options to choose from?

Many different options: 2007 12%, 2006 26%
Somewhere in between: 2007 1%, 2006 5%
Very few options: 2007 87%, 2006 69%

Percent of Respondents (Cecil County Residents)
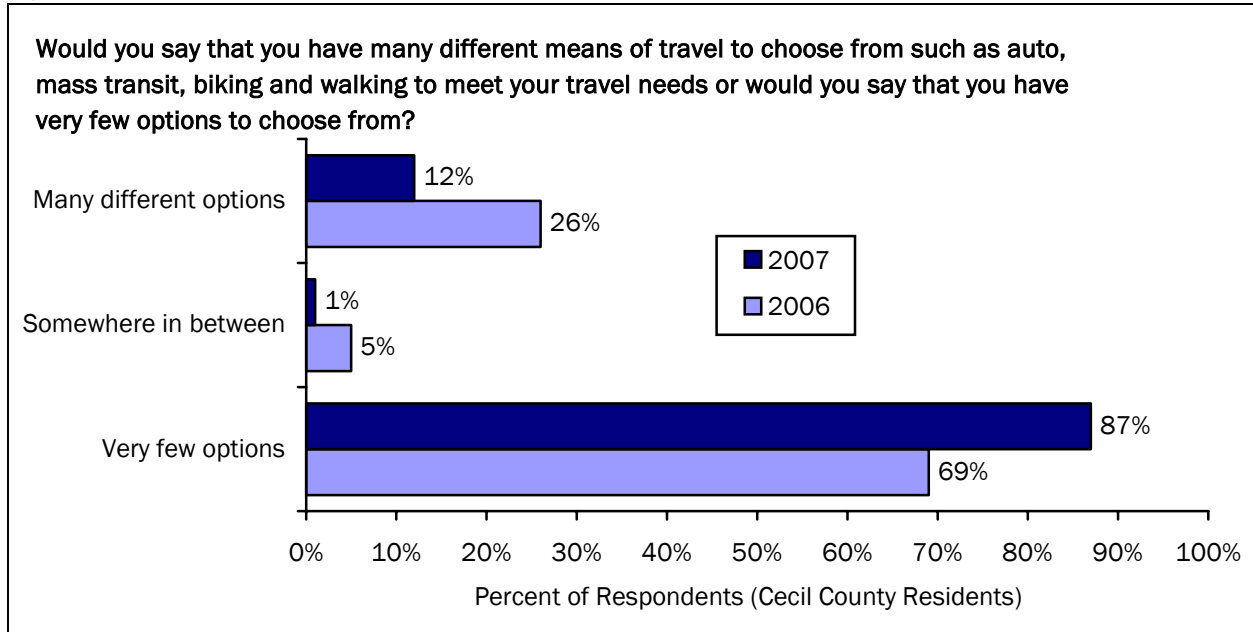
Figure 6. Ratings of Accessibility of Alternative Modes of Transportation

How would you rate the job the State has done at improving your accessibility to walking, biking, taking the bus or train, etc.? Would you say they have done...

An excellent job, 2%
A very good job, 16%
A fair job, 42%
A poor job, 40%
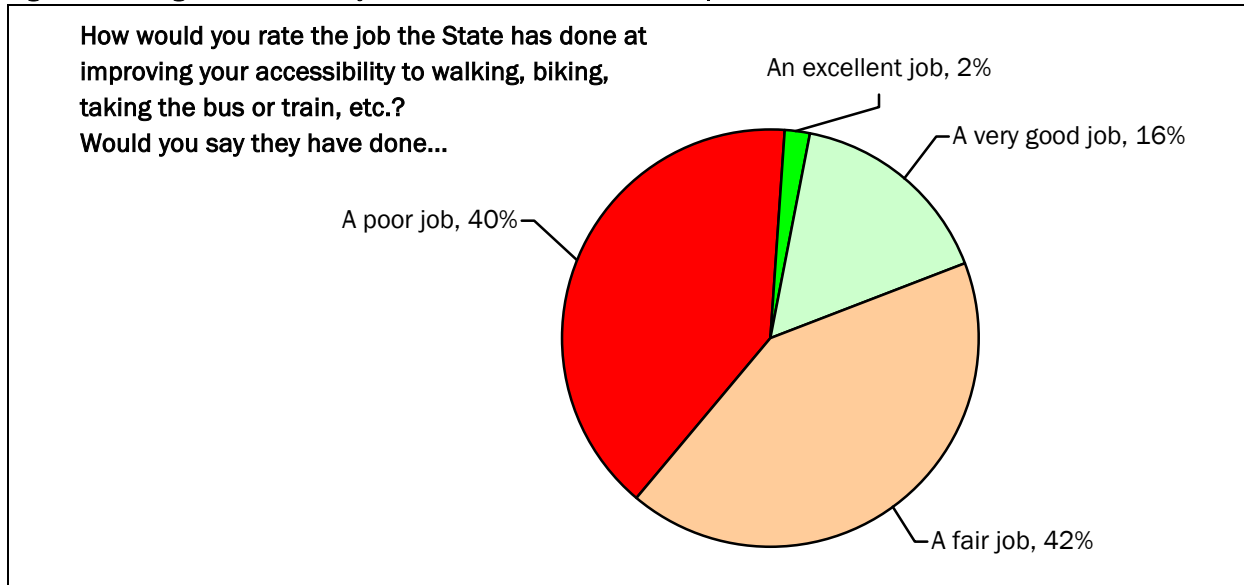
For most respondents, the vast majority of trips they made were made by driving alone (see Figure 7). Among student respondents, 74% said they usually drove alone for their school commute, with 11% using a bus and 7% riding a bike (see Table 8).Among employed respondents, 90% reported that they usually drove alone for the work commute (see Table 15). Employed respondents were asked whether their type of employment permitted them to work out of their home; over a third (38%, see Table 12) reported their job did permit such an arrangement. Of those, 71% were able to telecommute from work, and 22% were in a home-based business (see Table 13).

Figure 7: Respondents' Mode Use
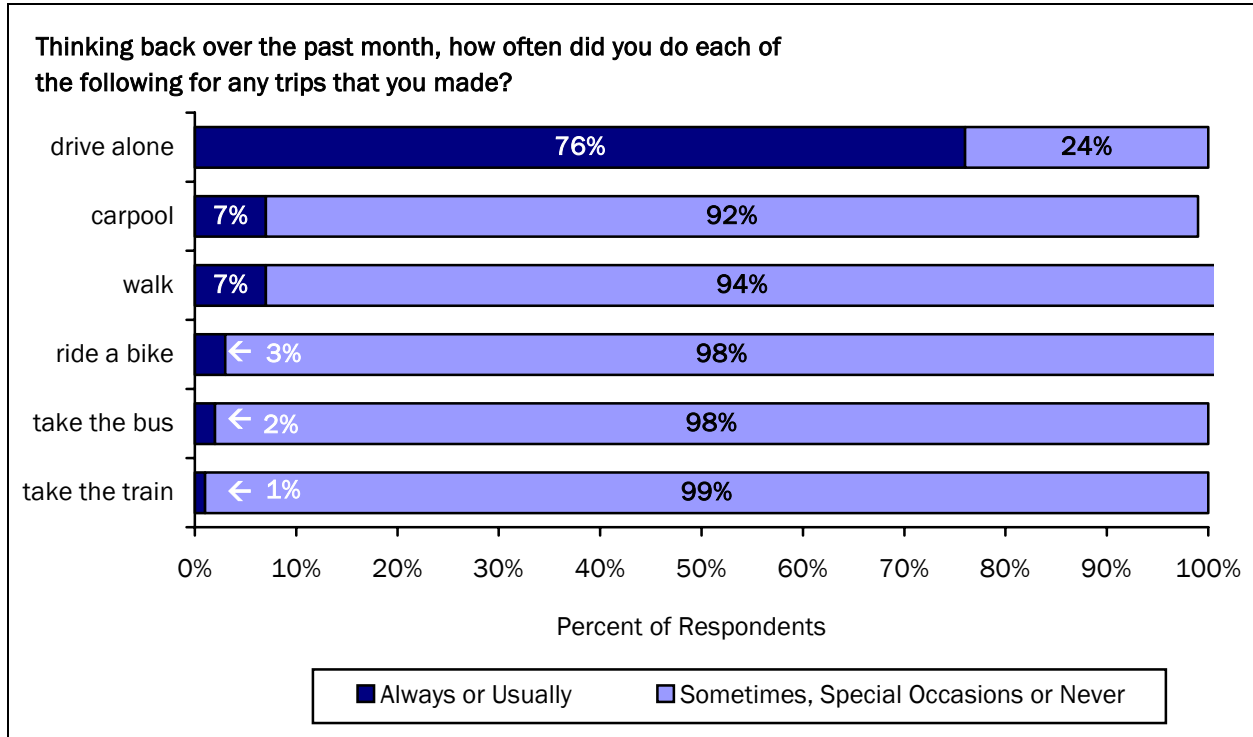
Respondents were asked whether they had used any public transportation in the last month. Over 90% said they had not used any mass transit in the last month (see Table 25); any particular bus or train had been used by only 1% to 2% of respondents. In 2006, however, 13% of respondents reported having used Amtrak (see Table 64 in *Appendix B: Comparison of 2007 Results to 2006 Results*). The 2006 survey was conducted in the summer, and this may account for the differences.

Ratings of Public Transportation (Mass Transit)

When asked to rate the public transportation system in Cecil County, most respondents gave fairly low ratings; over half rated it as "poor" (see Figure 8). However, when asked whether the mass transit system had gotten better, gotten worse or stayed about the same over the past few years, slightly more thought it had improved (20%) than thought it had deteriorated (15%), while over half thought it had stayed the same or were unsure of what change may have occurred (see Table 30).

Figure 8. Ratings of Public Transportation in Cecil County

How would you rate Cecil County's public transportation system including buses, trains and light rail? Would you say it's...

Poor, 57%

Excellent, 4%

Good, 13%

Fair, 25%
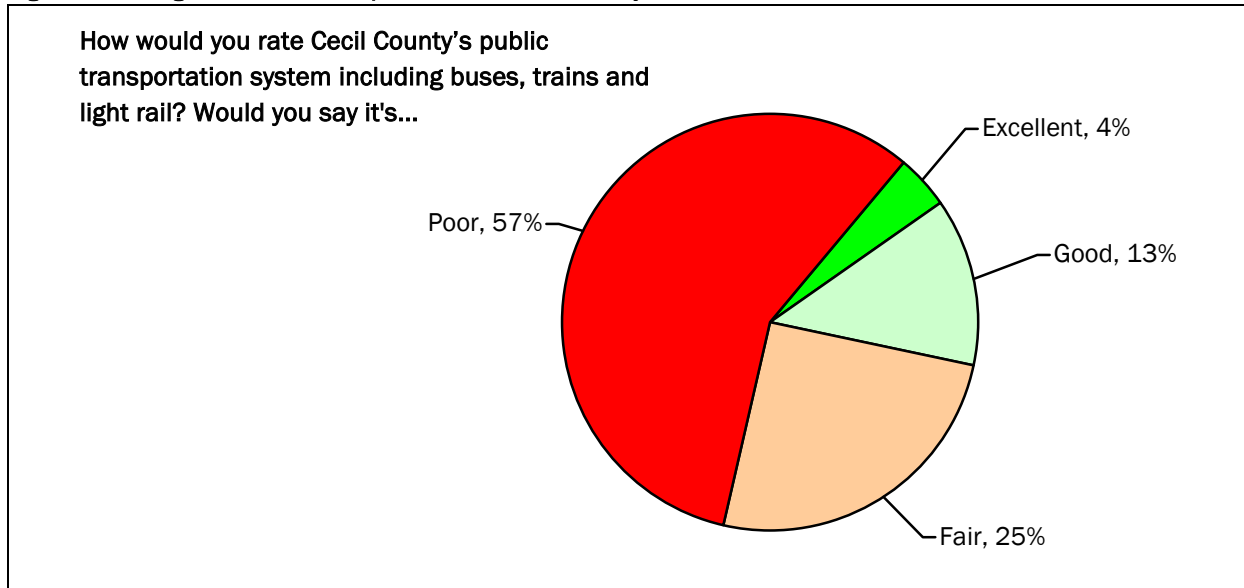
Familiarity With WILMAPCO and Preferred Methods of Feedback and Communication

Fifteen percent of those participating in the 2007 Public Opinion Survey said they were familiar with the organization called WILMAPCO (see Table 43). When asked how they would rate their opportunities to participate in transportation planning, few respondents (18%) considered their opportunities to be "excellent" or "very good" (see Figure 9). There was no clear consensus on the preferred way to communicate with planners, but public meetings were favored by the largest proportion of respondents (30%), followed by a Web site (27%), a survey (23%) and by telephone (15%, see Figure 10).

Although the ratings of opportunities to participate in transportation planning were low, only 12% of those completing the survey said they were interested in receiving free newsletters or public meeting announcements from WILMAPCO regarding future transportation plans in their area (see Table 45).

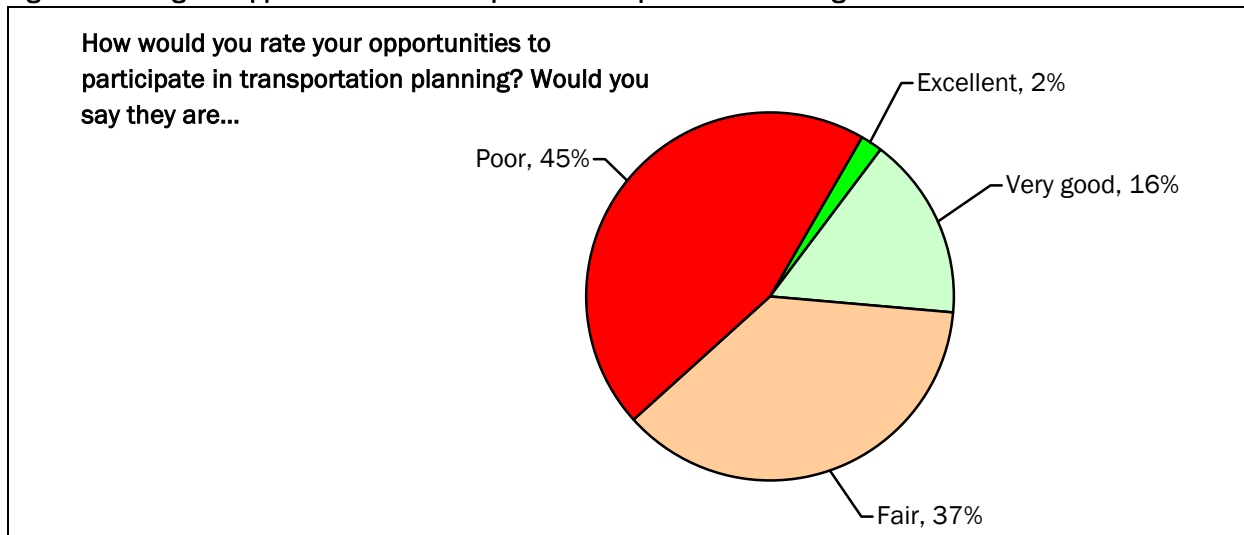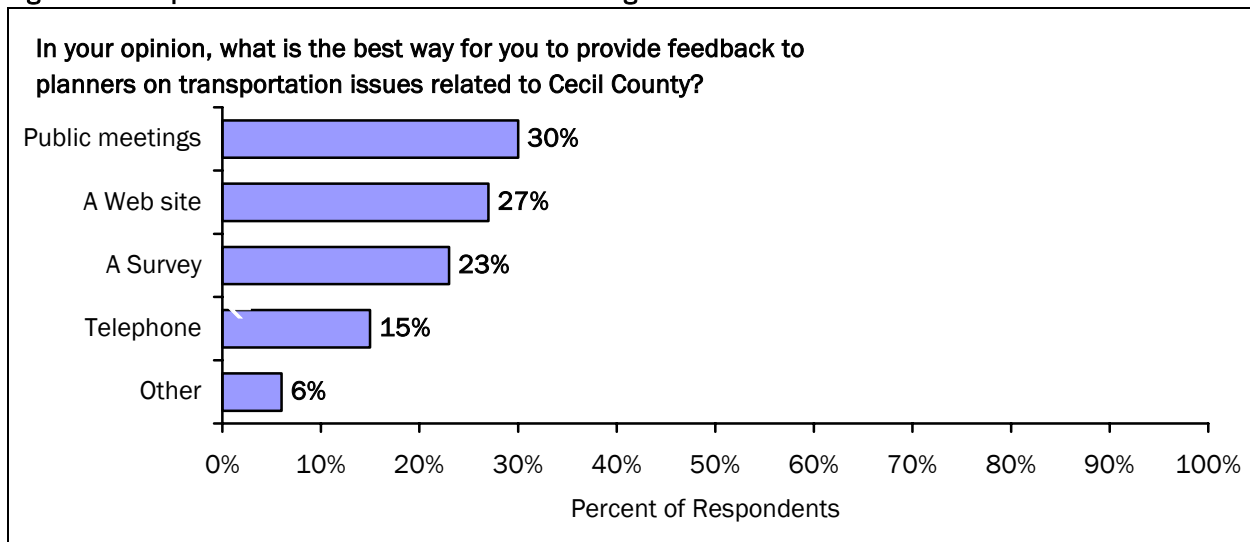Figure 9. Ratings of Opportunities to Participate in Transportation Planning

Figure 10: Respondents' Preferred Method for Providing Feedback to Planners

Appendix A: Responses to Survey Questions

Tables of survey results are shown below. In many cases, responses are shown twice; first with the "don't know" or "refused" responses excluded to show the proportion of respondents with an opinion giving each response; the second with the "don't know" or "refused" responses included to show the proportion of respondents who gave such a response. In some cases, only one table is shown because a "don't know" or "refused" option was not allowed or was not used.

Table 1. Quality of Transportation System without Don't Knows

Transportation in Cecil County consists of roads, buses, trains, sidewalks and bike facilities. How well do you feel the transportation system meets your travel needs?	Percent of respondents
Very Well	36%
Somewhat Well	39%
Not Very Well	13%
Not at All	12%
Total	100%

Table 2. Quality of Transportation System with Don't Knows

Transportation in Cecil County consists of roads, buses, trains, sidewalks and bike facilities. How well do you feel the transportation system meets your travel needs?	Percent of respondents
Very Well	32%
Somewhat Well	35%
Not Very Well	12%
Not at All	11%
Don't Know / Refused	9%
Total	100%

Table 3. Availability of Transportation Alternatives without Don't Knows

Would you say you have many different transportation alternatives to choose from or would you say you have few options to choose from?	Percent of respondents
Many different alternatives	12%
Few Options	87%
Somewhere in between	1%
Total	100%

Table 4. Availability of Transportation Alternatives with Don't Knows

Would you say you have many different transportation alternatives to choose from or would you say you have few options to choose from?	Percent of respondents
Many different alternatives	11%
Few Options	79%
Somewhere in between	1%
Don't Know / Refused	10%
Total	100%

Table 5. Respondent Employment Status

Are you currently employed?	Percent of respondents
Yes, Employed	72%
No, Not Employed	28%
Total	100%

Table 6. Respondent Student Status

Are you currently attending school?	Percent of respondents
Yes	7%
No	93%
Total	100%

Table 7. Full Time or Part Time Student

Would you say you are	Percent of respondents who were students
A full time student	42%
A part time student	58%
Total	100%

Table 8. School Commute Mode without Don't Knows

How do you usually travel to school each day?	Percent of student respondents
Drive alone	74%
Carpool / ride with others	2%
Take a bus	11%
Take a train	0%
Walk	0%
Bicycle	7%
Other	6%
Total	100%

Table 9. School Commute Mode with Don't Knows

How do you usually travel to school each day?	Percent of student respondents
Drive alone	71%
Carpool / ride with others	2%
Take a bus	11%
Take a train	0%
Walk	0%
Bicycle	7%
Other	6%
Don't Know / Refused	4%
Total	100%

Table 10. Length of School Commute without Don't Knows

On the average, how long does it take you to travel to school each day?	Percent of student respondents
Less than 5 minutes	12%
6 to 9 minutes	0%
10 to 14 minutes	8%
15 to 19 minutes	22%
20 to 24 minutes	17%
25 to 29 minutes	0%
30 to 39 minutes	9%
40 to 49 minutes	24%
50 to 59 minutes	0%
60 or more minutes	9%
Total	100%

Table 11. Length of School Commute with Don't Knows

On the average, how long does it take you to travel to school each day?	Percent of student respondents
Less than 5 minutes	11%
6 to 9 minutes	0%
10 to 14 minutes	8%
15 to 19 minutes	21%
20 to 24 minutes	16%
25 to 29 minutes	0%
30 to 39 minutes	9%
40 to 49 minutes	23%
50 to 59 minutes	0%
60 or more minutes	9%
Don't Know / Refused	4%
Total	100%

Table 12. Opportunity to Work From Home

Does your type of employment permit you to work out of your home?	Percent of employed respondents
Yes	38%
No	62%
Total	100%

Table 13. Home Based Business or Telecommuting without Don't Knows

Is this a home-based business, or do you telecommute from your home to your office?	Percent of employed respondents whose employment does permit them to work from home
Home Based-Business (self employed)	22%
Telecommutes from home	71%
Never works out of their home	5%
Other	3%
Total	100%

Table 14. Home Based Business or Telecommuting with Don't Knows

Is this a home-based business, or do you telecommute from your home to your office?	Percent of employed respondents whose employment does permit them to work from home
Home Based-Business (self employed)	21%
Telecommutes from home	70%
Never works out of their home	5%
Other	3%
Don't know / Refused	1%
Total	100%

Table 15. Work Commute Mode without Don't Knows

How do you usually travel to work each day?	Percent of employed respondents
Drive alone	90%
Carpool / ride with others	11%
Take a bus	0%
Take a train	1%
Walk	1%
Bicycle	0%
Work at home	1%
Other	0%

Percents may total to more than 100 as respondents could select more than one mode.

Table 16. Work Commute Mode with Don't Knows

How do you usually travel to work each day?	Percent of employed respondents
Drive alone	90%
Carpool / ride with others	11%
Take a bus	0%
Take a train	1%
Walk	1%
Bicycle	0%
Work at home	1%
Other	0%
Don't Know / Refused	0%

Percents may total to more than 100 as respondents could select more than one mode.

Table 17. Length of Work Commute without Don't Knows

On the average, how long does it take you to travel to work each day?	Percent of employed respondents
Less than 5 minutes	8%
6 to 9 minutes	6%
10 to 14 minutes	7%
15 to 19 minutes	15%
20 to 24 minutes	13%
25 to 29 minutes	6%
30 to 39 minutes	19%
40 to 49 minutes	11%
50 to 59 minutes	2%
60 or more minutes	13%
Total	100%

Table 18. Length of Work Commute with Don't Knows

On the average, how long does it take you to travel to work each day?	Percent of employed respondents
Less than 5 minutes	8%
6 to 9 minutes	6%
10 to 14 minutes	7%
15 to 19 minutes	15%
20 to 24 minutes	13%
25 to 29 minutes	6%
30 to 39 minutes	19%
40 to 49 minutes	11%
50 to 59 minutes	2%
60 or more minutes	13%
Don't Know / Refused	1%
Total	100%

Table 19. Length of Work Commute if there was No Traffic without Don't Knows

How long do you think it would take to travel to work if there was no traffic congestion at all?	Percent of employed respondents
Less than 5 minutes	11%
6 to 9 minutes	9%
10 to 14 minutes	12%
15 to 19 minutes	17%
20 to 24 minutes	16%
25 to 29 minutes	8%
30 to 39 minutes	15%
40 to 49 minutes	7%
50 to 59 minutes	1%
60 or more minutes	4%
Total	100%

Table 20. Length of Work Commute if there was No Traffic with Don't Knows

How long do you think it would take to travel to work if there was no traffic congestion at all?	Percent of respondents
Less than 5 minutes	10%
6 to 9 minutes	9%
10 to 14 minutes	12%
15 to 19 minutes	17%
20 to 24 minutes	15%
25 to 29 minutes	8%
30 to 39 minutes	15%
40 to 49 minutes	7%
50 to 59 minutes	1%
60 or more minutes	4%
Don't Know / Refused	3%
Total	100%

Table 21. Traffic Congestion During Work Commute without Don't Knows

How often do you find yourself in traffic congestion when you go to work?	Percent of employed respondents
Most of the time	32%
Sometimes	25%
Rarely	29%
Never	14%
Total	100%

Table 22. Traffic Congestion During Work Commute with Don't Knows

How often do you find yourself in traffic congestion when you go to work?	Percent of employed respondents
Most of the time	31%
Sometimes	25%
Rarely	29%
Never	14%
Don't know / Refused	1%
Total	100%

Table 23. Mode Use Over the Last Month without Don't Knows

Thinking back over the past month, …	Always	Usually	Sometimes	Only on a special occasion	Never	Total
How often did you drive alone for any trips that you made?	49%	27%	13%	3%	8%	100%
How often did you carpool for any trips that you made?	4%	3%	13%	11%	68%	100%
How often did you walk for any trips that you made?	4%	3%	16%	7%	71%	100%
How often did you ride a bike for any trips that you made?	2%	1%	3%	6%	89%	100%
How often did you take the bus for any trips that you made?	1%	1%	1%	1%	96%	100%
How often did you take the train for any trips that you made?	1%	0%	3%	4%	92%	100%

Table 24. Mode Use Over the Last Month with Don't Knows

Thinking back over the past month, …	Always	Usually	Sometimes	Only on a special occasion	Never	Don't know / Refused	Total
How often did you drive alone for any trips that you made?	49%	26%	13%	3%	8%	1%	100%
How often did you carpool for any trips that you made?	4%	3%	13%	11%	68%	0%	100%
How often did you walk for any trips that you made?	4%	3%	16%	7%	70%	0%	100%
How often did you ride a bike for any trips that you made?	2%	1%	3%	6%	88%	0%	100%
How often did you take the bus for any trips that you made?	1%	1%	1%	1%	96%	0%	100%
How often did you take the train for any trips that you made?	1%	0%	3%	4%	92%	0%	100%

Table 25. Public Transportation Use in the Last Month without Don't Knows

What type of public transportation have you taken in the past month? Have you taken DART buses, SEPTA, MARC, The Bus, the Department of Aging buses, Amtrak, UNICITY or have you not used mass transit?	Percent of respondents
DART buses	2%
SEPTA trains	1%
MARC	2%
The Bus	1%
Department of Aging buses	1%
Amtrak	1%
UNICITY	0%
Other	0%
I have not used mass transit in the past month	92%

Percents may total to more than 100 as respondents could select more than one mode.

Table 26. Public Transportation Use in the Last Month with Don't Knows

What type of public transportation have you taken in the past month? Have you taken DART buses, SEPTA, MARC, The Bus, the Department of Aging buses, Amtrak, UNICITY or have you not used mass transit?	Percent of respondents
DART buses	2%
SEPTA trains	1%
MARC	2%
The Bus	1%
Department of Aging buses	0%
Amtrak	1%
UNICITY	0%
Other	0%
I have not used mass transit in the past month	92%
Don't Know / Refused	1%

Percents may total to more than 100 as respondents could select more than one mode.

Table 27. Quality of Public Transportation without Don't Knows

How would you rate Cecil County's public transportation system including buses, trains and light rail? Would you say it's...	Percent of respondents
Excellent	4%
Good	13%
Fair	25%
Poor	57%
Total	100%

Table 28. Quality of Public Transportation with Don't Knows

How would you rate Cecil County's public transportation system including buses, trains and light rail? Would you say it's...	Percent of respondents
Excellent	3%
Good	11%
Fair	21%
Poor	48%
Don't Know / Refused	16%
Total	100%

Table 29. Improvement of Public Transportation without Don't Knows

Would you say the public transportation system has gotten better, worse or stayed about the same over the past few years?	Percent of respondents
Better	24%
Same	58%
Worse	18%
Other	0%
Total	100%

Table 30. Improvement of Public Transportation with Don't Knows

Would you say the public transportation system has gotten better, worse or stayed about the same over the past few years?	Percent of respondents
Better	20%
Same	49%
Worse	15%
Other	0%
Don't Know/Refused	16%
Total	100%

Table 31. Quality of Roads and Highways without Don't Knows

Overall, how would you rate the condition of Cecil County's roads and highways?	Percent of respondents
Excellent	8%
Good	47%
Fair	35%
Poor	10%
Total	100%

Table 32. Quality of Roads and Highways with Don't Knows

Overall, how would you rate the condition of Cecil County's roads and highways?	Percent of respondents
Excellent	8%
Good	46%
Fair	34%
Poor	10%
Don't Know / Refused	1%
Total	100%

Table 33. Improvements to Roads and Highways without Don't Knows

In the past few years, would you say the condition of Cecil County's roads and highways has gotten better, worse or stayed the same?	Percent of respondents
Better	23%
Same	54%
Worse	22%
Other	1%
Total	100%

Table 34. Improvements to Roads and Highways with Don't Knows

In the past few years, would you say the condition of Cecil County's roads and highways has gotten better, worse or stayed the same?	Percent of respondents
Better	22%
Same	52%
Worse	21%
Other	1%
Don't Know/Refused	5%
Total	100%

Table 35. Notice of Improvements to Transportation System without Don't Knows

The State has been working to make improvements to the transportation systems in the area. Have you noticed any improvements in the last year, such as new bus shelters, bike lanes, sidewalks or other alternatives?	Percent of respondents
Yes	26%
No	74%
Total	100%

Table 36. Notice of Improvements to Transportation System with Don't Knows

The State has been working to make improvements to the transportation systems in the area. Have you noticed any improvements in the last year, such as new bus shelters, bike lanes, sidewalks or other alternatives?	Percent of respondents
Yes	25%
No	72%
Don't Know/Refused	3%
Total	100%

Table 37. Improvements in Accessibility of Alternative Modes of Transportation without Don't Knows

How would you rate the job the State has done at improving your accessibility to walking, biking, taking the bus or train, etc? Would you say they have done...	Percent of respondents
An Excellent job	2%
Very good job	16%
A Fair job	42%
A Poor job	40%
Total	100%

Table 38. Improvements in Accessibility of Alternative Modes of Transportation with Don't Knows

How would you rate the job the State has done at improving your accessibility to walking, biking, taking the bus or train, etc? Would you say they have done...	Percent of respondents
An Excellent job	2%
Very good job	13%
A Fair job	35%
A Poor job	34%
Not sure	16%
Refused	1%
Total	100%

Table 39. Opportunities to Participate in Transportation Planning without Don't Knows

How would you rate your opportunities to participate in transportation planning? Would you say they are...	Percent of respondents
Excellent	2%
Very good	16%
Fair	37%
Poor	45%
Total	100%

Table 40. Opportunities to Participate in Transportation Planning with Don't Knows

How would you rate your opportunities to participate in transportation planning? Would you say they are...	Percent of respondents
Excellent	2%
Very good	13%
Fair	30%
Poor	37%
Not sure	17%
Refused	0%
Total	100%

Table 41. Preferred Method of Feedback to Planners without Don't Knows

In your opinion, what is the best way for you to provide feedback to planners on transportation issues related to Cecil County?	Percent of respondents
Public Meetings	30%
A Survey	23%
A Website	27%
Telephone	15%
Other	6%
Total	100%

Table 42. Preferred Method of Feedback to Planners with Don't Knows

In your opinion, what is the best way for you to provide feedback to planners on transportation issues related to Cecil County?	Percent of respondents
Public Meetings	28%
A Survey	21%
A Website	25%
Telephone	14%
Other	5%
Don't know / Refused	7%
Total	100%

Table 43. Familiarity with WILMAPCO without Don't Knows

As I stated in the beginning, this survey is being conducted by WILMAPCO, the Wilmington Area Planning Council. Are you familiar with this organization?	Percent of respondents
Yes	15%
No	85%
Total	100%

Table 44. Familiarity with WILMAPCO with Don't Knows

As I stated in the beginning, this survey is being conducted by WILMAPCO, the Wilmington Area Planning Council. Are you familiar with this organization?	Percent of respondents
Yes	15%
No	84%
Don't Know/Refused	1%
Total	100%

Table 45. Interested in Receiving Information from WILMAPCO without Don't Knows

Would you be interested in receiving free newsletters or public meeting announcements from WILMAPCO regarding future transportation plans in your area?	Percent of respondents
Yes	0%
Yes, by e-mail only	0%
Yes, by mail only	12%
No	88%
Total	100%

Table 46. Interested in Receiving Information from WILMAPCO with Don't Knows

Would you be interested in receiving free newsletters or public meeting announcements from WILMAPCO regarding future transportation plans in your area?	Percent of respondents
Yes	0%
Yes, by e-mail only	0%
Yes, by mail only	12%
No	88%
Don't know/Refused	0%
Total	100%

Table 47. Respondent Age without Don't Knows

In which age category may I place you? Are you between:	Percent of respondents
18 and 29 years of age	19%
30 and 49 years of age	45%
50 and 64 years of age	21%
65 or older	14%
Total	100%

Table 48. Respondent Age with Don't Knows

In which age category may I place you? Are you between:	Percent of respondents
18 and 29 years of age	19%
30 and 49 years of age	45%
50 and 64 years of age	21%
65 or older	14%
Refused	1%
Total	100%

Table 49. Respondent Ethnicity without Don't Knows

Do you consider yourself to be Spanish/Hispanic/Latino?	Percent of respondents
Yes	2%
No	98%
Total	100%

Table 50. Respondent Ethnicity with Don't Knows

Do you consider yourself to be Spanish/Hispanic/Latino?	Percent of respondents
Yes	2%
No	97%
Refused	1%
Total	100%

Table 51. Respondent Race without Refused

In which racial group or groups would you place yourself?	Percent of respondents
White	95%
Black	3%
Asian	0%
Native American	0%
Other	2%

Percents may total to more than 100 as respondents could select more than one race.

Table 52. Respondent Race with Refused

In which racial group or groups would you place yourself?	Percent of respondents
White	94%
Black	3%
Asian	0%
Native American	0%
Other	2%
Refused	2%

Percents may total to more than 100 as respondents could select more than one race.

Table 53. Respondent Annual Family Income without Don't Knows

So that we can group all answers, what is your total annual family income? Is it....?	Percent of respondents
Less than $20,000	7%
$20,000 to less than $40,000	17%
$40,000 to less than $80,000	40%
$80,000 or MORE	36%
Total	100%

Table 54. Respondent Annual Family Income with Don't Knows

So that we can group all answers, what is your total annual family income? Is it....?	Percent of respondents
Less than $20,000	6%
$20,000 to less than $40,000	14%
$40,000 to less than $80,000	33%
$80,000 or MORE	30%
Don't Know/Refused	16%
Total	100%

Table 55. Respondent Education without Don't Knows

What is your highest level of education?	Percent of respondents
Non-high school graduate	4%
High school graduate	35%
Some college	30%
Bachelors degree	19%
Graduate degree	12%
Total	100%

Table 56. Respondent Education with Don't Knows

What is your highest level of education?	Percent of respondents
Non-high school graduate	4%
High school graduate	34%
Some college	29%
Bachelors degree	18%
Graduate degree	12%
Don't Know/Refused	3%
Total	100%

Table 57. Length of Residency in Cecil County without Don't Knows

How many years have you lived in Cecil County or have you lived here all your life?	Percent of respondents
Under 3 years	12%
3 to 5 years	10%
6 to 10 years	10%
11 to 20 years	17%
More than 20 years	30%
All my life	21%
Total	100%

Table 58. Length of Residency in Cecil County with Don't Knows

How many years have you lived in Cecil County or have you lived here all your life?	Percent of respondents
Under 3 years	12%
3 to 5 years	10%
6 to 10 years	10%
11 to 20 years	17%
More than 20 years	30%
All my life	21%
Don't Know / Refused	0%
Total	100%

Table 59. Motor Vehicles in Household without Don't Knows

How many motor vehicles are in your household, including cars, SUVs, trucks and motorcycles?	Percent of respondents
One	13%
Two	42%
Three	23%
Four or more	21%
None	1%
Total	100%

Table 60. Motor Vehicles in Household with Don't Knows

How many motor vehicles are in your household, including cars, SUVs, trucks and motorcycles?	Percent of respondents
One	13%
Two	42%
Three	23%
Four or more	21%
None	1%
Don't Know / Refused	0%
Total	100%

Table 61. Respondent Gender

Respondent Gender:	Percent of respondents
Male	49%
Female	51%
Total	100%

Appendix B: Comparison of 2007 Results to 2006 Results

Three questions from the 2007 survey were also asked on the 2006 survey. Below are shown the comparisons of these results, where only the responses from Cecil County residents are included for 2006.

Table 62. Ratings of the Quality of Transportation System, 2006-2007 (Cecil County Residents)

How well do you feel the transportation system meets your travel needs?	2007	2006
Very well	36%	20%
Somewhat well	39%	48%
Not too well	13%	17%
Not at all	12%	16%
Total	100%	100%

Table 63. Availability of Transportation Alternatives, 2006-2007 (Cecil County Residents)

Would you say that you have many different means of travel to choose from such as auto, mass transit, biking and walking to meet your travel needs or would you say that you have very few options to choose from?	2007	2006
Many different options	12%	26%
Somewhere in between	1%	5%
Very few options	87%	69%
Total	100%	100%

Table 64. Types of Public Transportation Used, 2006-2007 (Cecil County Residents)

What type of public transportation have you taken in the past year?*	2007	2006
DART buses	2%	5%
SEPTA trains	1%	5%
MARC	2%	7%
The Bus	1%	3%
Department of Aging buses	1%	1%
UNICITY	0%	0%
Amtrak	1%	13%
Other	0%	4%
I have not used mass transit in the past year	92%	73%

Percents may total to more than 100 as respondents could select more than one mode.

Appendix C: Verbatim Responses to Open-Ended Questions

Below are found the responses typed in by interviewers to the open-ended questions included in the interview.

9. How do you usually travel to school each day? (other responses)

- Internet

12. Is this a home-based business, or do you telecommute from your home to your office?

- Teacher, only some work at home
- Teacher, I do research at home
- Occasionally work at home.
- I do sales for business in Chicago.

18. What type of public transportation have you taken in the past month? Have you taken DART buses, SEPTA, MARC, The Bus, the Department of Aging buses, Amtrak, UNICITY or have you not used mass transit?

- There are no buses
- Metro system in D.C.
- Dept. of Defense busing system

22. In the past few years, would you say the condition of Cecil County's roads and highways has gotten better, worse or stayed the same?

- Some stayed, some have gotten worse.
- Some better and some worse.
- Highways are better.
- Secondary roads have gone bad. Normal roads are fine.
- Some of the back roads have gotten worse, but the state roads are same.

26. In your opinion, what is the best way for you to provide feedback to planners on transportation issues related to Cecil County?

- All of them
- Congressman
- Department of Aging
- Cecil Whig
- Email
- Editorials
- Voting
- Make it a ballot issue so a vote can be made.
- Thru rep to WILMAPCO-one of the county commissioners
- They need to get in touch with them, they don't have anything.
- For them to ask
- Leave us alone. Stop wasting tax money.
- Call or write or email public official.
- Neighbors
- All of the above
- Newspaper
- Mail
- News/television
- I can't think of any way, they do not listen to you regardless.
- TV
- Newspaper
- Talking to someone

6b. Additional comments given by respondents concerning question XX

- Add light rail/train system
- More sidewalks
- City overcrowded
- Bad bus system – to far to walk.
- Disabled services like transit not for her
- It would be nice if the train station would open up in our area
- Train
- There's no where to ride bikes, and the gravel pits by Hwy 222 (275, truck route) make it hard to drive a car. The trucks throw gravel onto the cars and storm drains.
- Not any of those
- I know there is a bus for seniors, but it has an extremely limited schedule and limited range. As an individual who travels back and forth each day, I am fine but when they closed down two bridges on one road it was difficult. If my mother has appointments I have to take off of work to take her because of the limited offer of the senior bus system. If she does call, it has to be within certain time parameters and that does not always work out for her.
- Leave in the country
- Very poor!
- The roads in that county suck!
- Some things need to be done
- They need to open the train station Elkton.
- A lot of the roads need repaired.
- No mass transit
- When there are bike lanes, people don't use them.
- Feel there should be a train stop–should open up the old one.
- Some of the people that pave the roads–Cecil County is just wasting their money. I feel that the job being done is a very poor job.
- We don't need it (more transportation) and we don't want it.
- We don't have good mass transportation.
- Roads, good side walks not always there.
- They need to make some walking and/or bike paths so people don't have to walk in the roads.
- Grateful of 273 and 272 because they are wide roads and they are excellent.
- Need more transportation for elderly and low income, or those that prefer not to drive.
- Wherever you go you have to drive.
- I didn't know about trains or buses.
- Need to repave housing areas.
- L
- Volume of traffic not expanding roads. The main roads.

- Roads good
- Rural area needs public transportation
- Uses their car
- Live in the country
- Need more public transportation.
- I live in the country
- In the near future, it might not be at all.
- No bus or train service in Elkton
- You have to rely on your own transportation
- Some of the roads could be better, houses being built and the side roads aren't getting any better.
- The transportation needs to be updated, need to go south or to Delaware to catch a train.
- Never used it
- Besides driving my car, I wouldn't know.
- I only drive
- The bus routes don't publicize very well except for seniors.
- Daily bus service, but cut short on Saturdays. Doesn't come to their area, but trapped by tolls.
- It's just getting crowded
- No trains
- He sees buses or trains
- He does not use public transportation but the roads are fine. He would like to. He lives in the Fair Hill area. Gas is getting too expensive.
- 213 get crowded
- His wife runs into I-95 traffic jams and worse around Baltimore.
- They could have more buses
- They had the bridge closed for nine months. They got it closed again, for maybe 2 years. It's not only this bridge.
- They are not fixing the roads as they deteriorate-273. Part of it is the state and part is the county. They fixed from Fairhill up to Delaware and they resurfaced all that, otherwise, there are holes, cracks in the road. They need some red lights to control down at Blueball Road and Route 273. There are some major housing developments that have gone up and traffic lights have not kept up with this.
- Roads
- Not enough busses
- Getting crowded in some places
- They live outside of town
- Train stop, none

19b. Additional comments given by respondents concerning question XX

- Can't afford cabs and bus system. Mass transmit doesn't allow me to get to my doctor.
- There is none
- There is no light rail or train in Delaware from Cecil County
- No service, very expensive, Amtrak transfers are poor
- They need to extend the trains/commuter trains through Cecil County and even into Wilmington.

21b. Additional comments given by respondents concerning question XX?

- Takes forever to fix the highway and it's always blocked off
- The roads are bad and are tearing up my car. Theodore Road had two bridges that had to be replaced and they closed both at the same time. The alternate route deteriorated rapidly because it was being used 100% more and it was bad for my suspension. Just poor planning for closures and repair.
- Bridges are in very horrible condition
- Landing Lane under construction, too long to fix
- The roads are trashed and falling apart
- They've been working on my road for the past two weeks and it's pretty annoying. All they've done is patch work.
- Clean, wide shoulders, beautiful highways
- Route 275 between Pain Street and Port Deposit and 276
- I think really that they are not checking on what is being done and the work is fairly poor. The people in charge should be checking on the quality of work being done. Some of them are really poor. Considering how many people are here now, you think they would be able to maintain the roads better with tax dollars.
- Bridges need to be replaced
- Concerned about the increased expansion and development impact on schools
- So many bridges closed right now makes it inconvenient
- Better than Pennsylvania
- Bridges aren't being fixed in a timely manner however, many roads have no shoulders, where I live there are no street lights, etc.
- They suck
- Poor to fair with secondary roads, a lot of pot holes, and when they do cover the road it is bumpy, some of them need to be wider.
- Cecil county and once I hit Delaware they are terrible.
- Bridge problems
- Some roads need repaired and they don't do anything with them
- Some of the roads are bad
- Most Cecil County residents are tired of being trapped by the tolls.
- More money on the bridges instead of the roads.
- As Cecil County builds up, eventually I feel that there will be mass transit.
- There are potholes every season and then they are eventually fixed.
- Highways are good, bridges stink.
- Cecil County has gotten the worst air, in the top 25 in the nation.
- Cecil count was specifically pointed out and hwy 95 adds to this.
- Walking along the roads there's a lot of holes

24b. Additional comments given by respondents concerning question XX

- Basically the same
- Poor job at least in the Port Deposit Area. It is in the 21904 area.
- You can't get over the bridge on a bicycle. They need more bicycle routes. They need to level out hills. They need to remove or at least decrease the size of speed bumps.
- There is no bus that goes to Elkton to Wilmington and that would be really convenient for me if there was.
- Throw over 100,000 people in the counties, no public transportation.
- They need to pick up the trash along major and local roads
- There is only one town that the bus goes to
- Haven't seen anything
- There isn't any positive communication between MD and DL
- Haven't had a rise in the building of homes so there is no need for them
- Haven't seen anything
- Don't have those options
- No shoulders on roads, haven't done much for the rural area because there is nothing down there, buses or trains etc.
- Live away from populated areas they don't want to spend the money
- I haven't seen any of these improvements, I'm not very happy with Cecil County right now.
- Not available to me
- They need to make access for me to get to public transportation
- Get in gear with the trains
- They are the same
- Still have to bike on the shoulders of the road. I don't know if it's their fault due to population densities
- Should be more train transportation
- I would like to see the smart train stop in Elkton. Perryville is too far, my wife would also like to ride.
- Do you know of a bike lane in Cecil County? None where I live, but in town they are okay
- I don't take mass transit

Appendix D: Survey Methodology

Interview Script Development

The script was developed by the staff of WILMAPCO, with minor modifications suggested by NRC and the call center. The survey was then pre-tested and monitored by staff of WILMAPCO and NRC. A few additional minor changes were made based on the pre-test.

Sample Selection

Aspen Media and Market Research, a company specializing in phone survey services which conducted the interviewing, purchased a random digit dial sample. Phone numbers of Cecil County, Maryland residents were randomly selected for interviewing. An overall quota of 400 completed interviews was set.

Survey Administration

The survey was administered by Aspen Media and Market Research, and the data were recorded electronically using a Computer-Assisted Telephone Interviewing (CATI) system. (CATI is a software program that automatically dials phone numbers, logs dispositions and records responses to completed interviews.) Phone calls were made from April 24, 2007 to May 2, 2007. A majority of the interviews was completed during the evening hours, although calls were made on the weekend and during weekdays also. All phone numbers were dialed at least three times before replacing with another number, with at least one of the attempts on either a weekend or weekday. The dispositions of the numbers dialed during the survey are listed in the table on the following page.

A total of 5,000 phone numbers were dialed during the survey administration. Some of these numbers were considered ineligible for the survey. Of the approximately 2,743 households called, 408 completed interviews providing a response rate of 15%, calculated using the American Association of Public Opinion Research response rate calculator (response rate #3). Approximately 397 households refused the survey.

Disconnected, fax/data line, or business phone numbers were not included as eligible households. For 2,258 phone numbers where the eligibility status of the household was unknown, 55% were estimated to be eligible. This proportion was assumed to hold for those households not contacted, or where the household refused, and therefore prevented knowing the eligibility status, and only 55% of these numbers were included in the final response rate calculation.

Disposition of all Numbers Called	
Complete*	408
Refusal	409
Answering machine	310
Respondent never available	351
Language problem	20
Quota filled	13
Always busy	13
No answer	2,236
Call blocking	9
Lives outside Cecil County	14
Fax/data line	152
Disconnected number	923
Cell phone	14
Business, government office, other organizations	128
Total phone numbers used	**5,000**
I=Complete Interviews	408
P=Partial Interviews	0
R=Refusal and break off	409
NC=Non Contact	661
O=Other	26
e[1]=estimated proportion of cases of unknown eligibility that are eligible	55%
UH=Unknown household	2,258
UO=Unknown other	0
Response Rate[2]	**15%**

Includes the 8 interviews conducted during pre-testing. Due to a misprogrammed "skip factor" some people in these 8 interviews were not asked a few of the questions they should have answered; thus, while their answers are included, the quota was increased to include 400 completed interviews where each respondent was asked all the appropriate questions.

Confidence Intervals

It is customary to describe the precision of estimates made from surveys by a "level of confidence" (or margin of error). The 95 percent confidence level for the results from this survey is generally no greater than plus or minus five percentage points around any given percent reported for the entire sample (400 completed interviews).

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[1] Estimate of e is based on proportion of eligible households among all numbers for which a definitive determination of status was obtained (a very conservative estimate).
[2] The response rate was calculated as I/((I+P) + (R+NC+O) + e(UH+UO)). This is based on the American Association of Public Opinion Research's Standard Definition of response rate, version 2.

Data Weighting and Analysis

The results were analyzed by National Research Center, Inc. staff using the Statistical Package for the Social Sciences (SPSS). Frequency distributions are presented in **Error! Reference source not found.**.

The demographic characteristics of the survey sample were compared to those found in the 2000 Census estimates for Cecil County and were statistically adjusted to reflect the larger population when necessary. The results of the weighting schemes are presented in the following table. The data were weighted by sex and age.

Cecil County Survey Weighting Table			
Characteristic	Population Norm*	Unweighted Data	Weighted Data
Race and Ethnicity			
Hispanic	2%	2%	2%
Not Hispanic	98%	98%	98%
White	93%	92%	92%
Non-white	7%	8%	8%
Sex and Age			
18-29 years of age	19%	8%	19%
30-49 years of age	45%	35%	45%
50-64 years of age	22%	33%	21%
65+ years of age	14%	24%	14%
Female	51%	62%	51%
Male	49%	37%	49%
Females, 18-29 years of age	10%	5%	10%
Females, 30-49 years of age	23%	21%	23%
Females, 50-64 years of age	11%	21%	11%
Females, 65+ years of age	8%	16%	8%
Males, 18-29 years of age	9%	3%	9%
Males, 30-49 years of age	22%	14%	23%
Males, 50-64 years of age	11%	13%	11%
Males, 65+ years of age	6%	8%	6%

* Source: 2000 Census

Appendix E: Interview Script

WILMAPCO CECIL COUNTY 2007 PUBLIC OPINION SURVEY

Hello, my name is _____ calling on behalf of WILMAPCO, the Wilmington Area Planning Council. WILMAPCO is a public agency that makes decisions about transportation in your region. We are conducting a survey tonight to determine the kinds of transportation choices Cecil County residents make.

1) In order to keep our survey representative, I would like to speak to the adult member in your household who most recently had a birthday. Would that be you?
   1. Yes (Go to Q3)
   2. No (Go to Q2)

2) May I speak with that person, please, if they are available? (REPEAT FIRST PARAGRAPH IF THE BIRTHDAY PERSON IS NOT THE PERSON WHO ANSWERED THE PHONE. IF THAT PERSON IS NOT AT HOME, GET THAT PERSON'S FIRST NAME AND SCHEDULE A CALL BACK)

3) Are you a resident of Cecil County?
   1 Yes (CONTINUE)
   2 No (TERMINATE SURVEY)
   3 Don't Know / Refused (DO NOT READ) (TERMINATE)

4) How many years have you lived in Cecil County or have you lived here all your life? [READ LIST, CHECK ONLY ONE]
   1 Under 3 years
   2 3 to 5 years
   3 6 to 10 years
   4 11 to 20 years
   5 More than 20 years
   6 All my life
   7 Don't Know / Refused (DO NOT READ)

5) How many motor vehicles are in your household, including cars, SUVs, trucks and motorcycles? [READ LIST AS NEEDED]
   1 One
   2 Two
   3 Three
   4 Four or more
   5 None
   6 Don't Know / Refused (DO NOT READ)

6) Transportation in Cecil County consists of roads, buses, trains, sidewalks and bike facilities. How well do you feel the transportation system meets your travel needs? Would you say very well, somewhat well, not very well or not at all?
   - 4 Very Well
   - 3 Somewhat Well
   - 2 Not Very Well
   - 1 Not at All
   - 5 Don't Know / Refused (DO NOT READ)

6A) IF RESPONDENT MAKES A COMMENT ON Q6, PLEASE SPECIFY

7) Would you say you have many different transportation alternatives to choose from or would you say you have few options to choose from?
   - 1 Many different alternatives
   - 2 Few Options
   - 3 Somewhere in between (DO NOT READ)
   - 4 Don't Know / Refused (DO NOT READ)

8) Are you currently employed?
   1. Yes, Employed
   2. No, Not Employed
   3. Don't Know/Refused

8a) Are you currently attending school?

   1. Yes (Go to Q 8B)
   2. No (Skip to Q11 if Q8=1, Skip to Q17 if Q8=2 or 3)
   3. Don't Know/refused (Skip to Q11 if Q8=1) (Skip to 17 if Q8=2 or 3)

8b) Would you say you are (Read list, check only one)

   1. A full time student
      or
   2. A part time student
   3. Don't Know/Refused- Continues

9) How do you usually travel to school each day? [Read list as needed] [M]
   1   Drive alone
   2   Carpool / ride with others
   3   Take a bus
   4   Take a train
   5   Walk
   6   Bicycle
   7   Other _____Specify(RECORD ON OPEN END SHEET)
   8   Don't Know / Refused (DO NOT READ)

10) On the average, how long does it take you to travel to school each day? [Read list as needed]
   1   Less than 5 minutes
   2   6 to 9 min
   3   10 to14 min
   4   15 to19 min
   5   20 to 24 min
   6   25 to 29 min
   7   30 to39 min
   8   40 to 49 min
   9   50-59 min
   10 60 or more minutes
   11 Don't Know / Refused (DO NOT READ)
   [IF Q8=2, Skip to Q17)

11) Does your type of employment permit you to work out of your home?
   1   Yes
   2   No (Skip to Q 13)
   3   Don't know / Refused (DO NOT READ) (Skip to 13)

12) Is this a home-based business, or do you telecommute from your home to your office?
   1   Home Based-Business (self employed) (SKIP TO Q17)
   2   Telecommutes from home
   3   Never works out of their home (DO NOT READ)
   4   Other (DO NOT READ)
   5   Don't know / Refused (DO NOT READ)

13) How do you usually travel to work each day? [Read list as needed] [m]
    1   Drive alone
    2   Carpool / ride with others
    3   Take a bus
    4   Take a train
    5   Walk
    6   Bicycle
    7   Work at home (SKIP TO Q17)
    8   Other _____(SPECIFY)(RECORD ON OPEN END SHEET)
    9   Don't Know / Refused (DO NOT READ)

14) On the average, how long does it take you to travel to work each day? [READ LIST AS NEEDED – NOTE to interviewers: we are only asking about the commute TO work, from home)]
    1   Less than 5 minutes
    2   6 to 9 min
    3   10 to14 min
    4   15 to19 min
    5   20 to 24 min
    6   25 to 29 min
    7   30 to39 min
    8   40 to 49 min
    9   50-59 min
    10 60 or more minutes
    11 Don't Know / Refused (DO NOT READ)

15) How long do you think it would take to travel to work if there was no traffic congestion at all? [read list as needed]
    1   Less than 5 minutes
    2   6 to 9 min
    3   10 to14 min
    4   15 to19 min
    5   20 to 24 min
    6   25 to 29 min
    7   30 to39 min
    8   40 to 49 min
    9   50-59 min
    10 60 or more minutes
    11 Don't Know / Refused (DO NOT READ)

16) How often do you find yourself in traffic congestion when you go to work? Would you say most of the time, sometimes, rarely or never?
> 4   Most of the time
> 3   Sometimes
> 2   Rarely
> 1   Never
> 5   Don't know / Refused (DO NOT READ)

17) Thinking back over the past month, …. [ROTATE LIST]

> 5   Always
> 4   Usually
> 3   Sometimes
> 2   Only on a special occasion
> 1   Never
> 6   Don't know / Refused (DO NOT READ)

A) How often did you **drive alone** for any trips that you made?

B) How often did you **carpool** for any trips that you made?

C) How often did you **walk** for any trips that you made?

D) How often did you **ride a bike** for any trips that you made?

E) How often did you **take the bus** for any trips that you made?

F) How often did you **take the train** for any trips that you made?

18) What type of public transportation have you taken in the past month? Have you taken DART buses, SEPTA, MARC, The Bus, the Department of Aging buses, Amtrak, UNICITY or have you not used mass transit? (RECORD ALL RESPONSES; NOTE to interviewers: only read the acronyms if requested by respondent)
> 1   DART buses
> 2   SEPTA trains
> 3   MARC
> 4   The Bus
> 5   Department of Aging buses
> 6   Amtrak
> 7   UNICITY
> 8   Other (SPECIFY: _____) (DNR)
> 9   I have not used mass transit in the past month (GO TO Q 21)
> 10 Don't Know / Refused (DO NOT READ) (GO TO Q 21)

19) How would you rate Cecil County's public transportation system including buses, trains and light rail? Would you say it's…
- 4   Excellent
- 3   Good
- 2   Fair
- 1   Poor
- 5   Don't Know / Refused (DO NOT READ)

19A) IF RESPONDENT MAKES A COMMENT ON Q19, PLEASE SPECIFY

20) Would you say the public transportation system has gotten better, worse or stayed about the same over the past few years?
- 3   Better
- 2   Same
- 1   Worse
- 4   Other (SPECIFY :_____) (DNR)
- 5   Don't know /Refused (DO NOT READ)

21) Overall, how would you rate the condition of Cecil County's roads and highways? Would you say excellent, good, fair or poor?
- 4   Excellent
- 3   Good
- 2   Fair
- 1   Poor
- 5   Don't Know / Refused (DO NOT READ)

21A) IF RESPONDENT MAKES A COMMENT ON Q21, PLEASE SPECIFY

22) In the past few years, would you say the condition of Cecil County's roads and highways has gotten better, worse or stayed the same?
- 3   Better
- 2   Same
- 1   Worse
- 4   Other (SPECIFY :_____) (DNR)
- 5   Don't know /Refused (DO NOT READ)

23) The State has been working to make improvements to the transportation systems in the area. Have you noticed any improvements in the last year, such as new bus shelters, bike lanes, sidewalks or other alternatives?

    1   Yes (GO TO Q23A)
    2   No (GO TO Q24)
    3   Don't know / Refused (DO NOT READ) (GO TO Q24)

23A) What improvements have you noticed?

    1   SPECIFY

24) How would you rate the job the State has done at improving your accessibility to walking, biking, taking the bus or train, etc? Would you say they have done....(READ LIST)

    4   An Excellent job
    3   Very good job
    2   A Fair job
    1   A Poor job
    2   Not sure (DO NOT READ)
    3   Refused (DO NOT READ)

24A) IF RESPONDENT MAKES A COMMENT ON Q24, PLEASE SPECIFY

25) How would you rate your opportunities to participate in transportation planning? Would you say they are…(READ LIST)

    4   Excellent
    3   Very good
    2   Fair
    1   Poor
    5   Not sure (DO NOT READ)
    6   Refused (DO NOT READ)

26) In your opinion, what is the best way for you to provide feedback to planners on transportation issues related to Cecil County? (READ LIST) [S]

    1   Public Meetings
    2   A Survey
    3   A Website
    4   Telephone
    5   Other (Specify)_____
    6   Don't know / Refused (DO NOT READ)

Now I have just a few questions for classification purposes only.

27) In which age category may I place you? Are you between:
    1   18 and 29 years of age
    2   30 and 49 years of age
    3   50 and 64 years of age
    4   65 or older
    5   Refused (DO NOT READ)

28) Do you consider yourself to be Spanish/Hispanic/Latino?
    1   Yes
    2   No
    3   Refused (DON'T READ)

29) In which racial group or groups would you place yourself?
    (DO NOT READ LIST - RECORD ALL RESPONSES)
    1   White
    2   Black
    3   Asian
    4   Native American
    5   Other
    6   Refused (DO NOT READ)

30) So that we can group all answers, what is your total annual family income? Is it....?
    (READ LIST)
    1   Less than $20,000
    2   $20,000 to less than $40,000
    3   $40,000 to less than $80,000
    4   $80,000 or MORE
    5   Don't Know/Refused (DO NOT READ)

31) What is your highest level of education? [read list]
    1   Non-high school graduate
    2   High school graduate
    3   Some college
    4   Bachelors degree
    5   Graduate degree
    6   Don't Know/Refused (DO NOT READ)

32) What is your zip code?
      1   SPECIFY: _____
      2   Don't Know/Refused (DO NOT READ)

33) As I stated in the beginning, this survey is being conducted by WILMAPCO, the Wilmington Area Planning Council. Are you familiar with this organization?
      1   Yes
      2   No
      3   Don't Know/Refused (DO NOT READ)

34) Would you be interested in receiving free newsletters or public meeting announcements from WILMAPCO regarding future transportation plans in your area? (DO NOT READ LIST)
      1   Yes
      2   Yes, by e-mail only (GO TO Q34, ONLY COLLECT E-MAIL INFORMATION)
      3   Yes, by mail only (GO TO Q34, ONLY COLLECT E-MAIL INFORMATION)
      4   No (GO TO Q. 35)
      5   Don't Know / Refused (DO NOT READ) (GO TO Q. 35)

35) In order to send you the materials you requested, I need to collect your contact information. Can I please get your…
[INTERVIEWERS: COLLECT ADDRESS AND E-MAIL, UNLESS THEY ARE UNWILLING TO SHARE ONE OR THE OTHER, OR ALREADY SPECIFIED THEY ONLY WANTED TO RECEIVE IT ONE WAY OR THE OTHER]

First/Last Name:_____

Address:_____

City/State/Zip:_____

Email address:_____

36) Record Respondent Gender
      1   Male
      2   Female

Thank you very much for your time. Have a great evening.

Note to interviewers: If respondent expresses interest in talking with someone at WILMAPCO, or visiting the website, you can give them WILMAPCO's toll-free phone number: 1-888-808-7088 or the website: www.wilmapco.org