PEDESTRIAN AND BICYCLE MASTER PLAN UPDATE AND COMPLETE STREETS DESIGN GUIDEILNES

ONLINE SURVEY - SUMMARY REPORT OF RESULTS

City of Alexandria | Department of Transportation & Environmental Services

Friday, November 7th, 2014

This report outlines the results of an online survey for the Pedestrian and Bicycle Master Plan Update / Complete Streets Design Guidelines. The survey was available for participants to take online from April 6 – October 31, 2014. The survey was available in both English and Spanish. In that time, 540 people submitted responses.

Question 1: Over the course of the year, what are the most common ways you travel to work?

	Walk	Bike (own bicycle)	Bike (Capital Bikeshare)	Personal vehicle (drive alone)	Carpool / Vanpool	Building / residential complex shuttle	Bus	Metrorail	VRE / Commuter Rail	Taxi	Combination of Multiple Travel Modes	Other	Responses
1st Most Common Way	47 9.0%	90 17.2%	1 0.2%	207 39.6%	12 2.3%	0 0.0%	21 4.0%	46 8.8%	4 0.8%	0 0.0%	78 14.9%	17 3.3%	523
2nd Most Common Way	51 11.2%	71 15.6%	8 1.8%	106 23.3%	19 4.2%	2 0.4%	34 7.5%	70 15.4%	2 0.4%	5 1.1%	70 15.4%	17 3.7%	455

Question 2: On Question 1, if you selected "Combination of Multiple Travel Modes," what travel modes are involved in your trip? (Check all that apply)

I didn't select "Combination of Multiple Travel Modes"	56.4%	235
Walk	24.5%	102
Bike (own bicycle)	10.6%	44
Bike (Capital Bikeshare)	4.1%	17
Personal vehicle (drive alone)	12.0%	50
Carpool / Vanpool	5.3%	22
Public Transit	36.9%	154
	Total	417

Question 3: What are the most common ways you travel for NON-WORK trips (errands, social, etc.)?

	Walk	Bike (own bicycle)	Bike (Capital Bikeshare)	Personal vehicle (drive alone)	Carpool / Vanpool	Building / residential complex shuttle	Bus	Metrorail	VRE / Commuter Rail	Taxi	Other	Res
1st Most Common Way	127 23.7%	55 10.3%	4 0.7%	299 55.8%	17 3.2%	0 0.0%	4 0.7%	19 3.5%	0 0.0%	2 0.4%	9 1.7%	536
2nd Most Common Way	160 31.8%	95 18.9%	9 1.8%	130 25.8%	18 3.6%	2 0.4%	14 2.8%	59 11.7%	0 0.0%	6 1.2%	10 2.0%	503

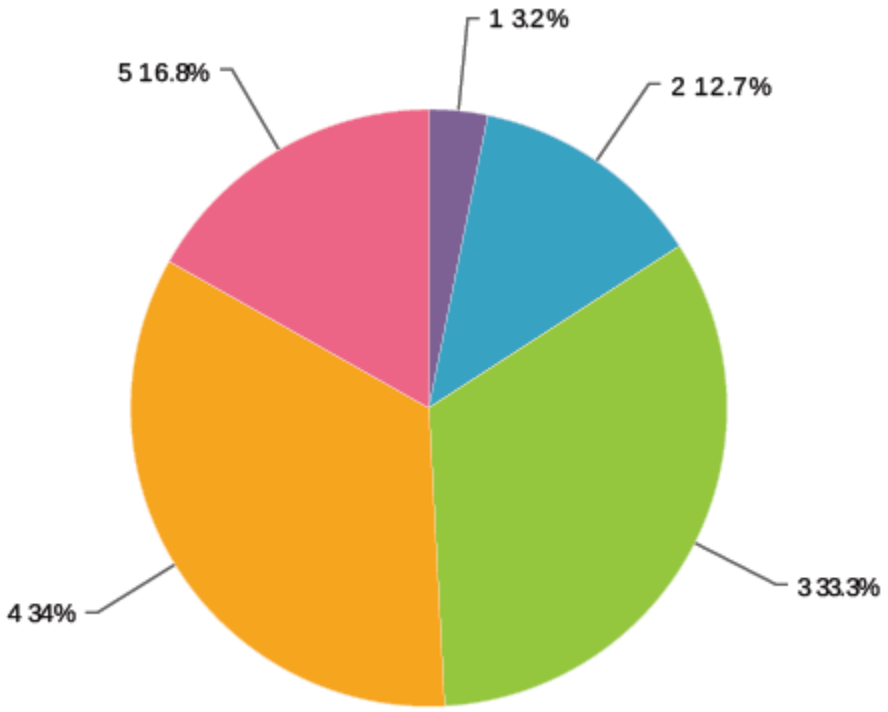
Question 4: How far do you typically travel (one-way) for the following types of trips? (Please make your best guess about differences)

	Average	Max	StdDev	Responses
Work	3.95	5	1.64	505
School	1.71	5	1.79	125
Metro Station/Bus Stop	1.29	5	1.21	433
Errands/Grocery Store	1.92	5	1.36	523
Entertainment/Movies	2.76	5	1.55	459
Coffee/Meal Out	2.15	5	1.56	510
Exercise/Recreation	2.34	5	1.83	484
				Total 531

Question 5: How often to you walk for these kinds of trips during seasons with good weather?

	Several times a week	A few times a month	A few times a year	Never	Responses
Work	149 29.2%	32 6.3%	28 5.5%	302 59.1%	511
School	34 8.7%	11 2.8%	10 2.6%	335 85.9%	390
Metro Station/Bus Stop	176 34.9%	114 22.6%	111 22.0%	104 20.6%	505
Errands/Grocery Store	180 34.5%	163 31.2%	84 16.1%	95 18.2%	522
Entertainment/Movies	62 12.3%	124 24.6%	109 21.6%	209 41.5%	504
Coffee/Meal Out	154 29.3%	192 36.6%	105 20.0%	74 14.1%	525
Exercise/Recreation	318 60.6%	115 21.9%	47 9.0%	45 8.6%	525

Question 6: In your opinion, how walkable is the City of Alexandria? Pleas rate using the following scale: 1 – Very Poor. The City has very poor conditions for walking. Most places I want to travel on foot feel unsafe and/or uncomfortable. 5 – Excellent. Alexandria has excellent conditions for walking. Most places I travel on foot feel safe and comfortable.



Question 7: Have any of the following circumstances prevented you from walking or limited the amount that you walk in Alexandria? (Select up to five answers)

I am physically limited from walking.	2.9%	14
There are no sidewalks or missing sections of sidewalk where I travel.	28.4%	138
The sidewalks are too narrow or have obstacles in the way.	30.7%	149
The surface of sidewalks is not even.	36.2%	176
There are missing sidewalk ramps.	6.0%	29
There are no pedestrian-friendly roads or trails near my work/school.	8.4%	41
There are no pedestrian-friendly roads or trails near my home.	6.2%	30
I cannot safely access trails from where I live/work.	8.2%	40
I have concerns about crime or personal safety.	20.8%	101
There are too many barriers to walking (highways, big roads, busy intersections, etc).	29.0%	141
It would take me too long to walk to the places I need to go.	47.5%	231
I need a car for work purposes.	20.0%	97
I need a car in order to pick up children from school or activities.	11.3%	55
I often have heavy or bulky items to carry.	38.9%	189
Other	11.3%	55
	Total	486

Question 8: If you do walk for transportation purposes, what motivates you to do so? (Select up to three answers).

It is easier or faster than other transportation modes.	30.6%	156
It saves me money.	35.5%	181
It is good exercise.	77.1%	393
I feel like I'm helping the environment.	35.9%	183
I don't have any other way to get around.	3.1%	16
It is a nice way to spend time with friends/family.	18.6%	95
I do not walk for transportation purposes.	14.3%	73
Other	3.7%	19
	Total	510

Question 9: If you do walk for recreation purposes, what motivates you to do so? (Select up to three answers).

It is easier or more enjoyable than other types of recreation.	32.4%	168
It saves me money.	12.7%	66
It is good exercise.	83.4%	432
I feel like I'm helping the environment.	17.2%	89
It is a nice way to spend time with friends/family	32.4%	168
I find walking to be pleasant and relaxing.	59.3%	307
I do not walk for recreation purposes.	3.9%	20
Other	3.9%	20
	Total	518

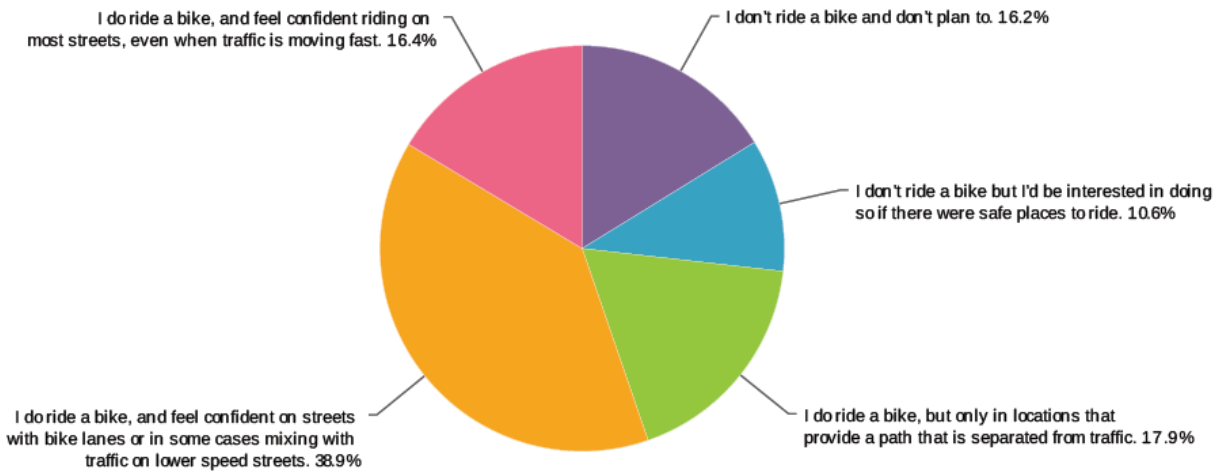
Question 10: What types of improvements would encourage you to walk more? (Select up to five answers)

Better/more sidewalks	42.8%	214
Better/more trails	33.2%	166
Lower vehicle speeds	22.4%	112
More traffic calming infrastructure (ex. curb extensions, speed bumps, etc.)	26.8%	134
More pedestrian crossing signals at intersections	28.4%	142
Improved street lighting	26.4%	132
More crosswalks at intersections	17.4%	87
More crosswalks in the middle of the block (not at an intersection)	17.2%	86
Better maintenance of existing sidewalks and paths	33.6%	168
Employer incentives to walk to work	4.0%	20
Increased traffic enforcement for safer driving and biking around pedestrians	35.6%	178
Better sidewalk and trail connections to transit stops/stations	25.6%	128
More trees, shade, benches or other amenities along my route	26.2%	131
Other	17.0%	85
	Total	500

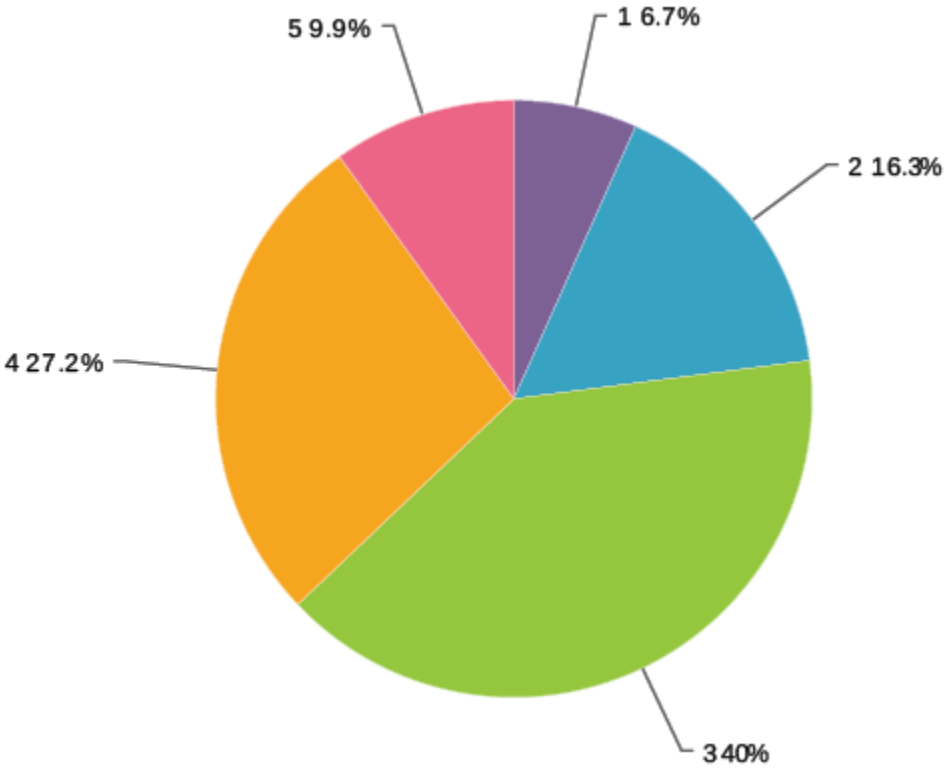
Question 11: Have you ridden a bicycle in the City of Alexandria in the past year?

Yes	70.1%	366
No	29.9%	156
	Total	522

Question 12: What statement best describes you?



Question 13: In your opinion, how "bicycle friendly" is the City of Alexandria? Please rate using the following scale. 1 – Very Poor. The City has very poor conditions for bicycling. Most places I want to travel by bicycle feel unsafe or uncomfortable. 5 – Excellent. Alexandria has excellent conditions for bicycling. Most places I bike feel safe and comfortable.



Question 14: Have any of the following circumstances prevented you from bicycling or limited the amount that you bike in Alexandria? (Select up to five answers)

I am physically limited from biking.	4.8%	23
I don't own a bicycle.	17.6%	84
I own a bicycle, but it's not in riding condition.	5.0%	24
I cannot safely access trails.	7.1%	34
There are no bicycle-friendly roads or trails near my home.	14.5%	69
There are no Capital Bikeshare stations that are convenient to me.	19.7%	94
I cannot afford a bicycle or Capital Bikeshare membership.	1.1%	5
I am uncomfortable sharing the road with cars and trucks that are driving fast.	53.9%	257
There are too many barriers to biking (wide intersections, highways, streams, etc.).	22.6%	108
It would take me too long to bike to the places I need to go.	21.4%	102
There are no showers or changing rooms at my work/school.	13.4%	64
There are no bicycle racks or other safe places to park my bike.	15.9%	76
I have concerns about crime or personal safety.	12.0%	57
I need a car for work purposes.	14.5%	69
I often have heavy or bulky items to carry.	28.3%	135
Other	14.9%	71
	Total	477

Question 15: How often do you use a bicycle for these kinds of trips during seasons with good weather?

	Several times a week	A few times a month	A few times a year	Never	Responses
Work	119 23.3%	44 8.6%	48 9.4%	299 58.6%	510
School	8 1.9%	12 2.8%	11 2.6%	395 92.7%	426
Errands/Grocery Store	52 10.2%	112 22.0%	93 18.3%	251 49.4%	508
Metro Station/Bus Stop	30 6.1%	54 11.0%	56 11.4%	352 71.5%	492
Entertainment/Movies	18 3.7%	57 11.6%	70 14.2%	347 70.5%	492
Coffee/Meal Out	32 6.3%	93 18.5%	104 20.6%	275 54.6%	504
Exercise/Recreation	153 29.6%	136 26.3%	93 18.0%	135 26.1%	517

Question 16: If you ride a bicycle for transportation purposes in Alexandria, what motivates you to do so? (Select up to three answers)

It is easier or faster than other transportation modes.	35.2%	162
It saves me money.	30.7%	141
It is good exercise.	58.0%	267
I feel like I'm helping the environment.	23.9%	110
It's a nice way to spend time with friends/family.	8.5%	39
I don't have any other way to get around.	1.3%	6
I do not ride a bicycle for transportation purposes in Alexandria.	36.1%	166
Other	3.9%	18
	Total	460

Question 17: If you ride a bicycle for recreation purposes in Alexandria, what motivates you to do so? (Select up to three answers)

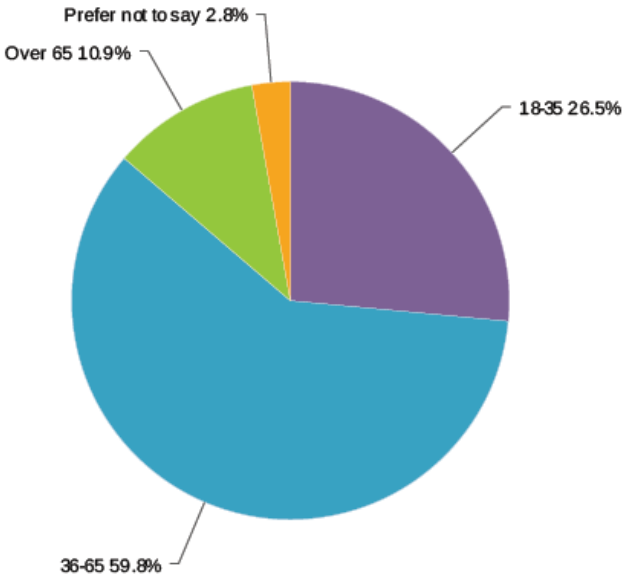
It is easier or more enjoyable than other types of recreation.	39.7%	192
It saves me money.	13.8%	67
It is good exercise.	75.8%	367
I feel like I'm helping the environment.	18.4%	89
It's a nice way to spend time with friends/family.	29.1%	141
I do not ride a bicycle for recreation purposes in Alexandria.	20.5%	99
Other	2.7%	13
	Total	484

Question 18: What types of improvements would encourage you to ride a bicycle more often? (Select up to five)

Better/more bike lanes	59.4%	277
Better/more trails	46.8%	218
Lower vehicle speeds or less traffic	36.3%	169
Improved bicycle connections to transit stops/stations	28.1%	131
Better/more bike racks or bike parking options	25.5%	119
Skills classes on how to ride in traffic	8.2%	38
Education for drivers about how to respectfully share the road	29.2%	136
Increased traffic enforcement for safer driving around bicyclists	34.3%	160
Improved road maintenance (e.g. filling potholes)	31.1%	145
Better/more bicycle racks on buses	3.0%	14
Showers and/or lockers at work	11.4%	53
More Capital Bikeshare stations around Alexandria	19.1%	89
Other	17.0%	79
	Total	466

Questions 19 and 20 were related to home and work zip codes. Due to the large number of zip codes, the answers are not shown in this summary.

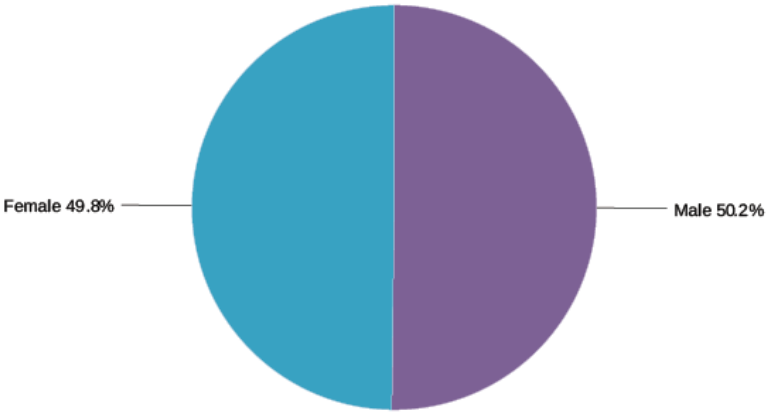
Question 21: What is your age?



Question 22: Other than yourself, are there any members of your household: (Check all that apply)

Under age 18	70.6%		120
Over age 65	32.9%		56
		Total	170

Question 23: What is your gender?



Question 24: What is your race?

White	84.8%		445
African-American	3.1%		16
Asian	1.9%		10
American Indian or Alaska Native	0.6%		3
Native Hawaiian or Other Pacific Islander	0.0%		0
Prefer not to say	8.6%		45
Other	2.9%		15
		Total	525

Question 25: What is your ethnicity?

Hispanic	3.0%		15
Non-Hispanic	83.8%		420
Prefer not to say	13.2%		66
		Total	501

Question 26: What is the primary language spoken in your home?

English	99.2%		519
Spanish	0.0%		0
Other	0.8%		4
		Total	523

Question 27: What is your estimated household income?

Less than $20,000	1.7%		8
$20,001 to $40,000	3.3%		16
$40,001 to $60,000	3.8%		18
$60,001 to $80,000	8.4%		40
$80,001 to $100,000	11.5%		55
$100,001 to $120,000	15.2%		73
More than $120,000	56.2%		269
		Total	479