



ENE02050: AN EQUITABLE FUTURE FOR NORTHEAST OHIO

REGIONAL SURVEY RESULTS

Webinar

January 15, 2021



Achieving Increased Mobility 🚗 🚲 Achieving Increased Mobility 🚗 🚲 Achieving Increased Mobility 🚗 🚲 Achieving Increased Mobility 🚗 🚲

INTRODUCTION BY THE CEO

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Welcome!

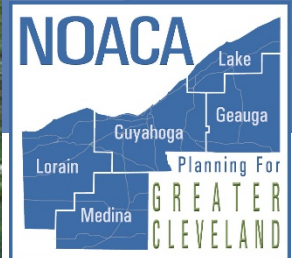
Grace Gallucci
Executive Director and CEO



INTRODUCTION

NOACA Vision Statement

NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.



INTRODUCTION

- *eNEO2050* is NOACA's new Long Range Plan (LRP), intended for Board final review and approval in June 2021. *eNEO2050* will replace NOACA's current LRP, *AIM Forward 2040*, which the Board approved in 2017.
- NOACA and Penn & Associates collaborated to create and implement a survey of a statistically-significant, geographically-proportionate and demographically-representative sample of NOACA's adult population in May-August 2020.



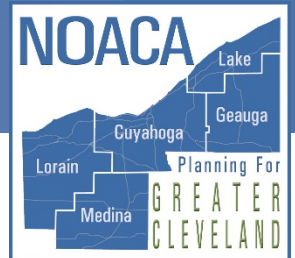
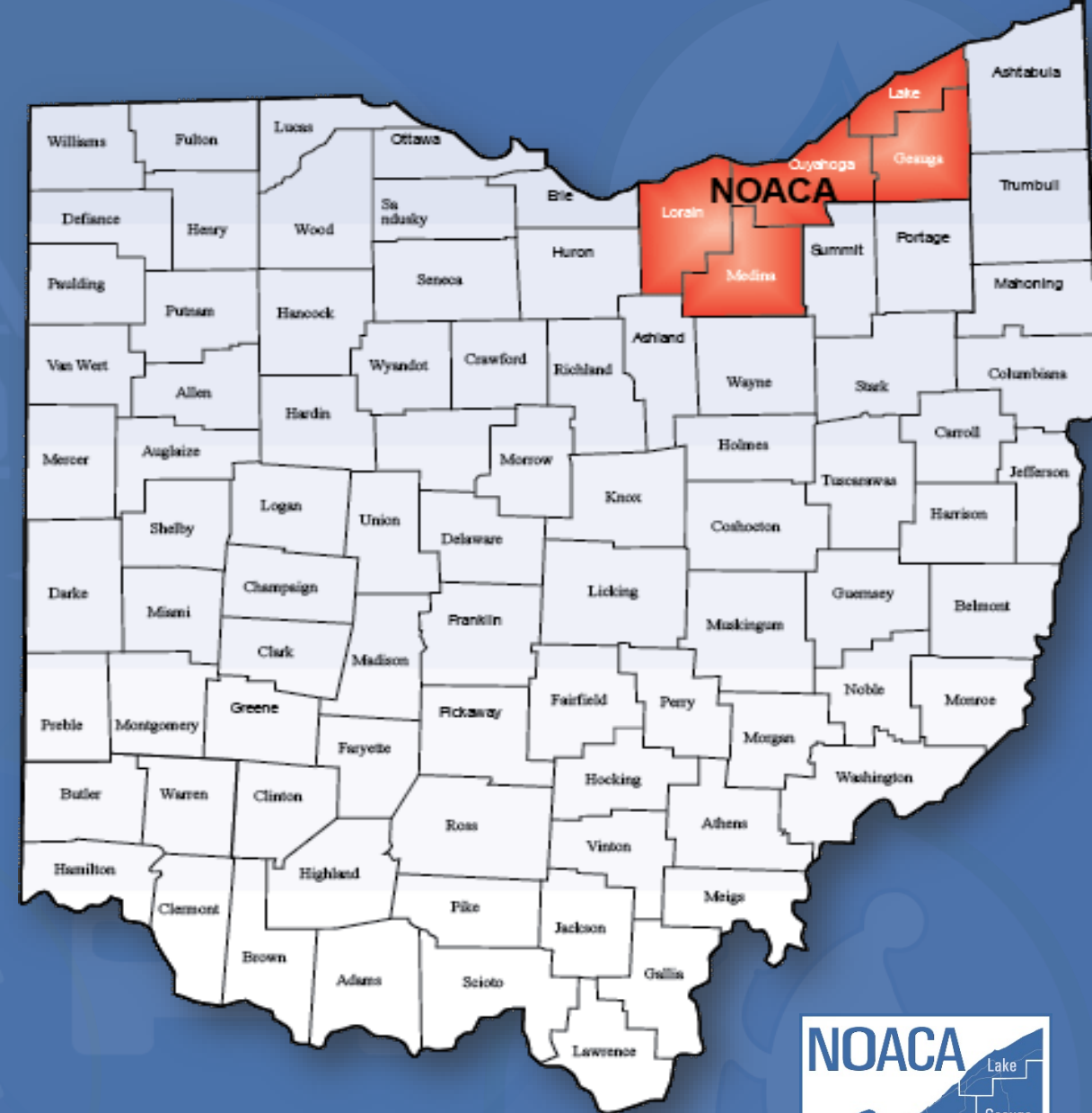
QUESTIONS AND EXPERIENCES

Please post in the Q and A,
not 'Chat'



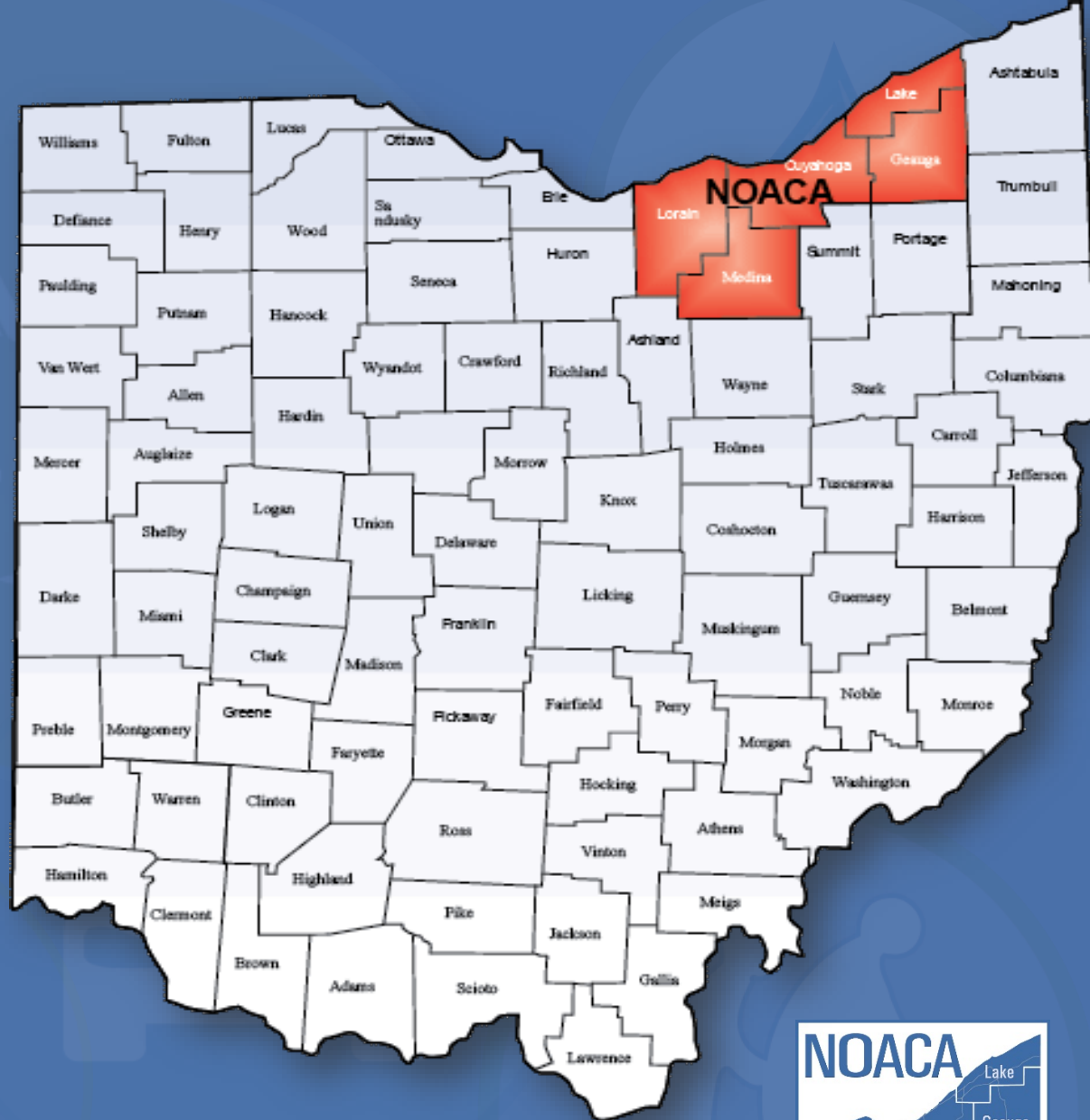
ABOUT SAMPLE

	Cleveland & Counties ¹		
	NOACA SURVEY BASE	NOACA Survey	American Community Survey Pop >18
TOTAL	2,464	%	%
Cleveland	446	18	19
Cuyahoga	1,087	44	42
Lorain	362	15	15
Lake	271	11	11
Medina	207	8	9
Geauga	91	4	4

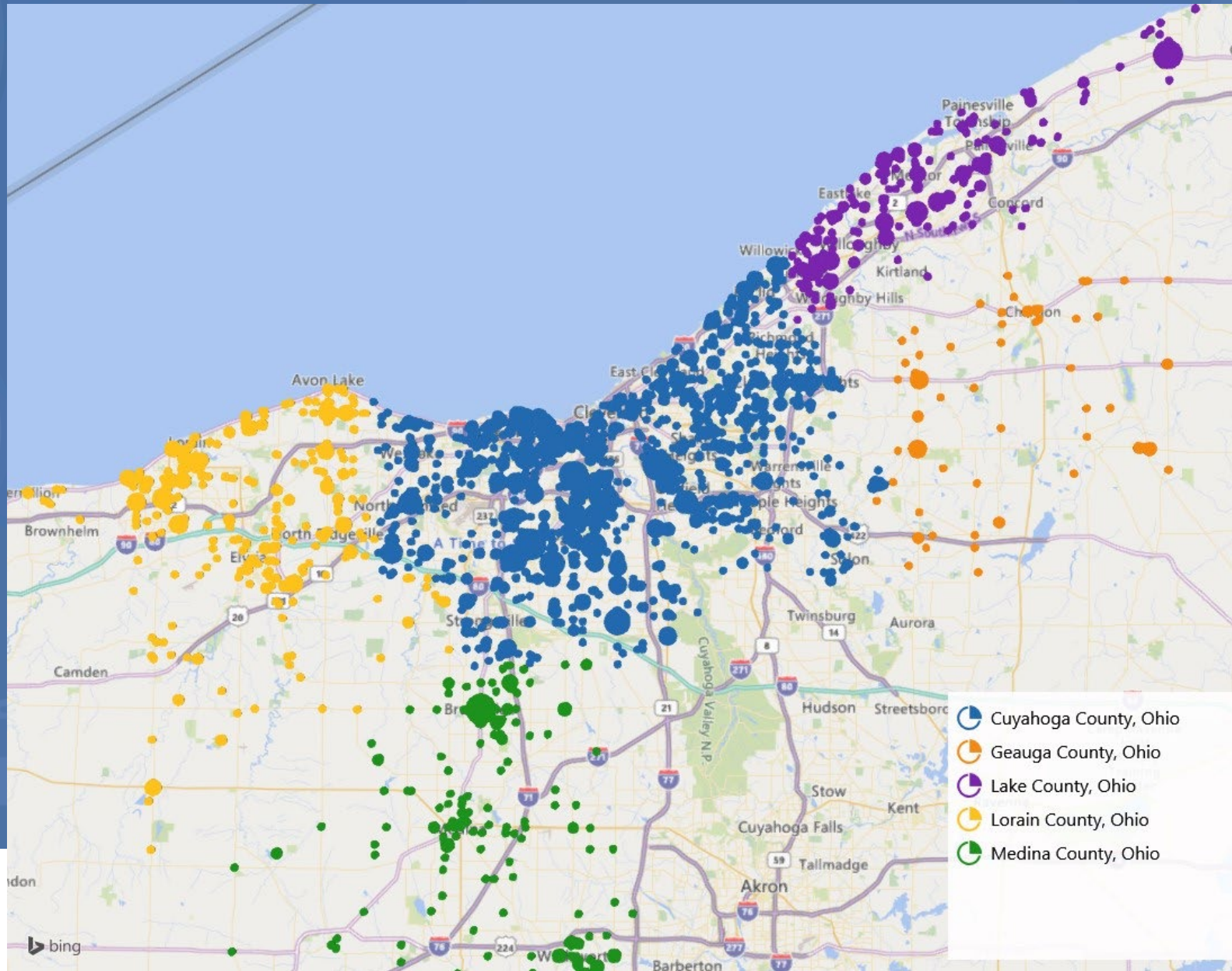


ABOUT SAMPLE

	Longevity in NEO	
	BASE	Percentage
Years in NEO	2,253	%
<1 year	28	1.24
1-2 years	52	2.31
3-5 years	112	4.97
6-10 years	126	5.59
11- 20 years	259	11.50
21-30 years	318	14.11
> 30 years	1,358	60.28



ABOUT SAMPLE: WHERE DO THEY LIVE?



ABOUT SAMPLE: HOW OLD ARE THEY?

Deployment Dates 6/26 to 8/2/2020	County	18-24	25-34	35-44	45-54	55-64	65+	Total
Cleveland	ACS	60	93	63	68	82	81	447
	Survey	81	87	83	62	75	58	446
Cuyahoga	ACS	102	168	149	161	182	254	1,016
	Survey	106	158	162	180	244	237	1,087
Lorain	ACS	41	49	55	61	66	84	356
	Survey	57	43	53	49	70	90	362
Lake	ACS	25	40	40	47	52	68	272
	Survey	33	39	39	40	58	62	271
Medina	ACS	19	29	33	38	38	47	204
	Survey	23	29	49	49	32	25	207
Geauga	ACS	12	12	14	19	21	29	107
	Survey	13	8	10	17	25	18	91

Target total = 2,400; Total respondents final = 2,464



ABOUT SAMPLE: GENDER

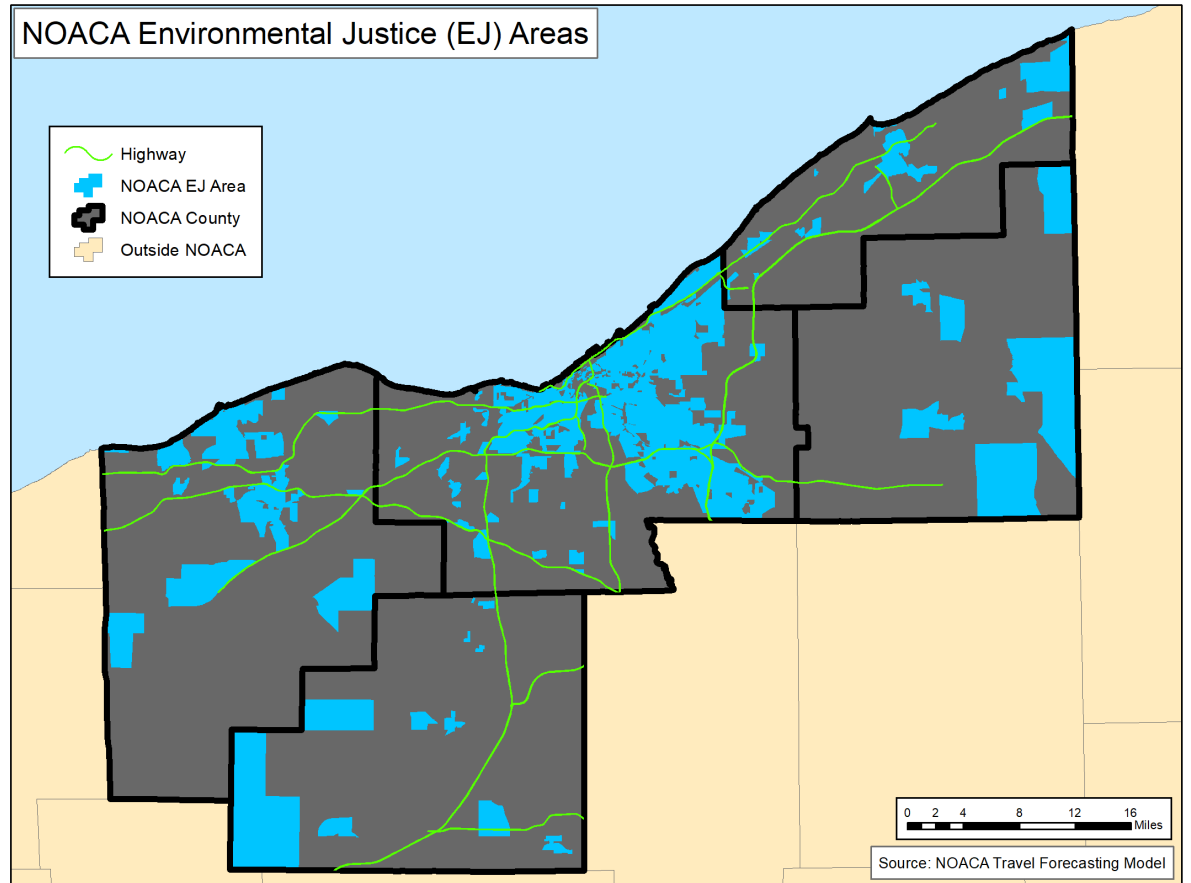
	Gender						
	NOACA Region	Cleveland	Cuyahoga	Lorain	Lake	Medina	Geauga
BASE	2,247	380	1,013	326	253	194	81
	%	%	%	%	%	%	%
Female	61.59	60.53	62.88	60.12	63.24	58.76	58.02
Male	37.83	38.95	36.43	39.88	35.57	41.24	40.74
Non binary	0.58	0.53	0.69	-	1.19	-	1.23

ABOUT SAMPLE: ENVIRONMENTAL JUSTICE

Percent of counties and subareas inside and outside Environmental Justice Areas

	BASE	NOACA Environmental Justice areas	NonEJ
Cuyahoga West	631	34.39%	65.61%
Cleveland West	220	86.82%	13.18%
Cleveland East	210	95.71%	4.29%
Cuyahoga East	445	67.87%	32.13%
Lorain County	356	35.96%	64.04%
Lake County	263	24.71%	75.29%
Medina County	203	27.09%	72.91%
Geauga County	84	19.05%	80.95%

NOACA Environmental Justice (EJ) Areas



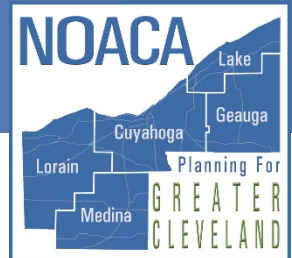
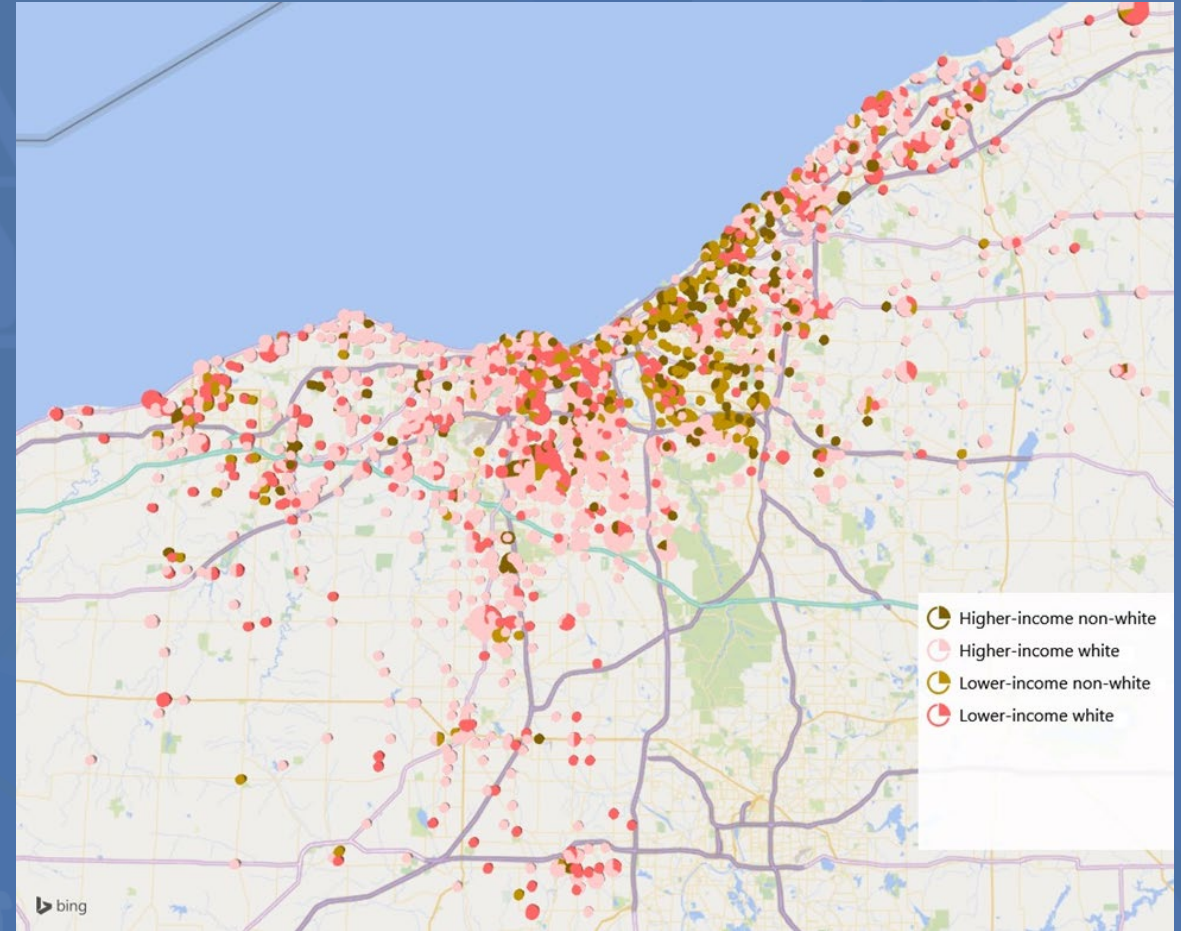
ABOUT SAMPLE: INCOME AND RACE

For this report, the 2020 LRP Public Opinion Survey was segmented by 200% of the Federal Poverty Level (FPL) as follows.

- Higher-income
 - \$25,000 - \$34,999 and a one-person household
 - \$35,000 - \$49,999 and a household with two people
 - \$50,000 - \$74,999 and a household with up to three people
 - \$75,000 - \$200,000 or more and households with four or more people
- Lower-income
 - Less than \$10,000 - \$24,999 and a one-person household
 - \$25,000 - \$34,999 and two or more people in a household
 - \$35,000 - \$49,999 and three or more people in a household
 - \$50,000 - \$74,999 and four or more people in a household
- Higher and lower income filters were run by race
 - White (1,755 respondents)
 - Non-white (459 respondents)

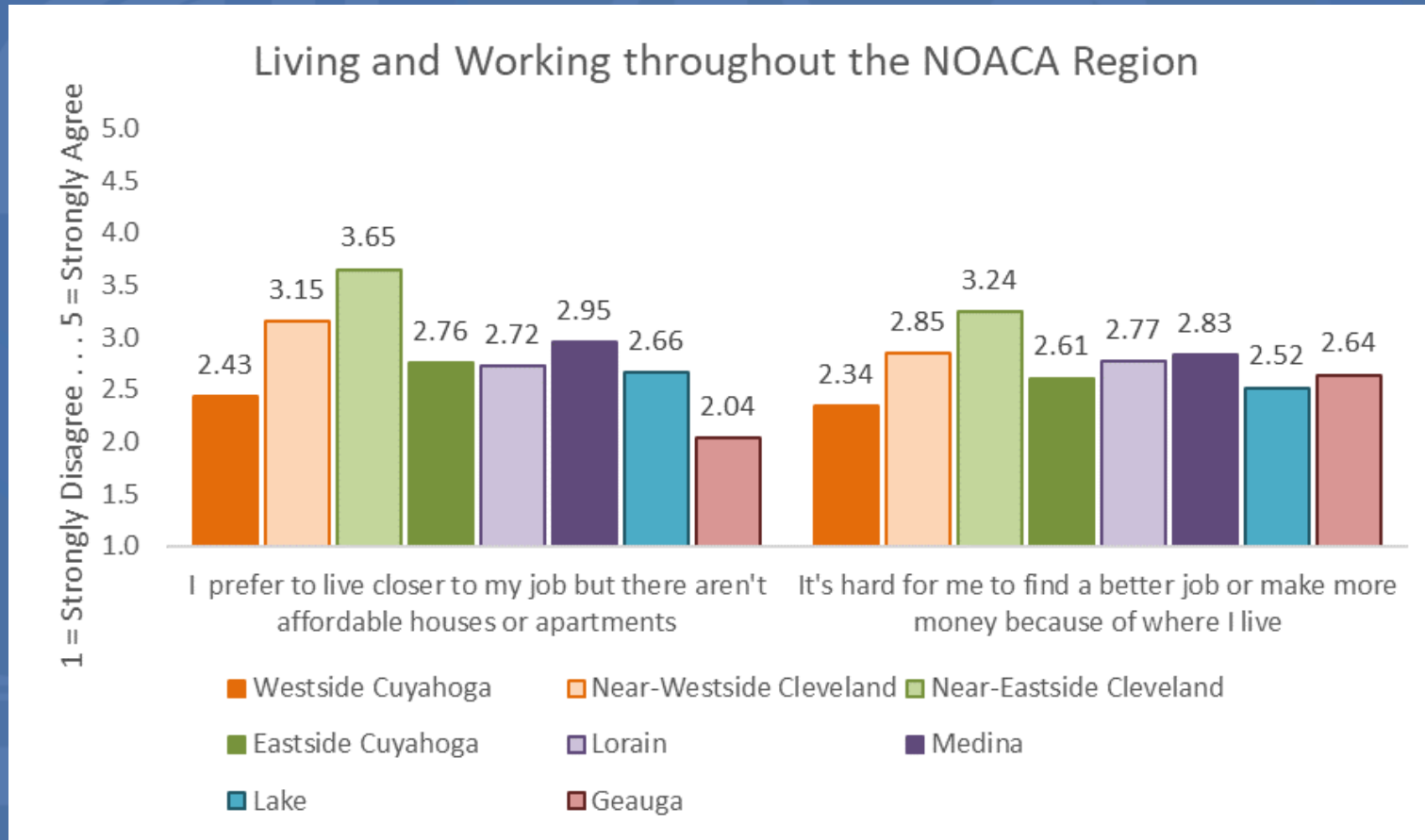
ABOUT SAMPLE: INCOME AND RACE

	NOACA Region	Race and Income Disparity in each NOACA county/county subset			
		Higher income white	Lower income white	Higher income Nonwhite	Lower income Nonwhite
BASE	2,453	1,215	536	219	237
Cuyahoga West	25.72%	33.74%	22.95%	19.18%	6.33%
Cleveland West	8.97%	5.35%	15.11%	10.05%	12.66%
Cleveland East	8.56%	2.39%	4.48%	21.92%	30.80%
Cuyahoga East	18.14%	16.21%	11.75%	33.79%	29.54%
Lorain County	14.76%	15.56%	17.35%	8.22%	10.13%
Lake County	10.84%	11.85%	15.86%	4.11%	5.06%
Medina County	8.40%	9.96%	10.63%	1.37%	4.22%
Geauga County	3.55%	4.77%	1.49%	1.37%	1.27%



BACKGROUND

JOBS-HOUSING CONNECTION (Q30)



BACKGROUND

CANNOT LIVE CLOSER TO WORK: HOUSING COSTS (Q30)

GEOGRAPHY

CLEVELAND EAST (3.65)

GEAUGA COUNTY (2.04)

ENVIRONMENTAL JUSTICE AREA

EJ AREA (3.03)

NON-EJ AREA (2.47)

RACE/INCOME GROUP

LOWER-INCOME NON-WHITE
(3.60)

HIGHER-INCOME WHITE
(2.52)

AGE

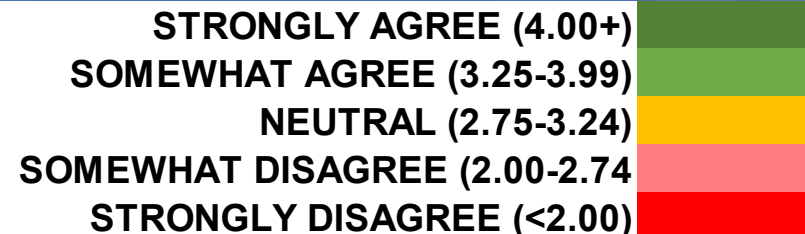
YOUNG ADULTS 18-24 (3.42)

OLDER (65+) (2.04)

EMPLOYMENT STATUS

STUDENT (3.44)

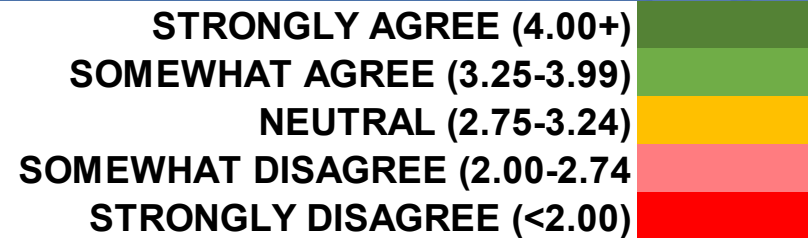
HOME OFFICE (1.63)



BACKGROUND

WHERE I LIVE LIMITS JOB/SALARY OPPORTUNITIES (Q30)

	AGREE MOST	DISAGREE MOST
GEOGRAPHY	CLEVELAND EAST (3.24)	SUBURBAN CUYAHOGA COUNTY (2.34)
ENVIRONMENTAL JUSTICE AREA	EJ AREA (2.84)	NON-EJ AREA (2.45)
RACE/INCOME GROUP	LOWER-INCOME NON-WHITE (3.23)	HIGHER-INCOME WHITE (2.45)
AGE	YOUNG ADULTS 18-24 (3.11)	OLDER 65+ (1.90)
EMPLOYMENT STATUS	STUDENT (3.21)	HOME OFFICE (1.63)



BACKGROUND

MONTHLY PERSONAL INCOME WILLING TO INVEST (Q12):

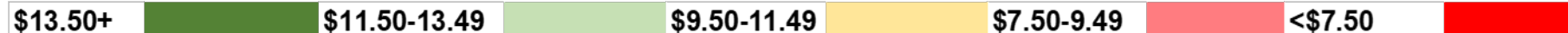
	NOACA Region	Cleveland	Cuyahoga County (no CLE)	Lorain	Lake	Medina	Geauga
Road repair and maintenance	\$14.40	\$20.37	\$13.17	\$11.88	\$14.69	\$13.84	\$10.78
Reduce climate change impacts	\$14.15	\$20.57	\$13.11	\$13.05	\$13.48	\$11.17	\$9.02
Cleaner rivers and lakes	\$13.57	\$19.78	\$12.63	\$12.84	\$10.88	\$12.26	\$9.00
Cleaner drinking water	\$13.56	\$21.82	\$12.12	\$11.79	\$11.17	\$12.47	\$7.65
Hyperloop CLEVELAND-CHICAGO	\$12.78	\$15.38	\$12.39	\$12.48	\$12.39	\$11.87	\$9.49
Cleaner air	\$12.73	\$20.47	\$11.40	\$11.01	\$10.38	\$11.42	\$8.25
V2I (vehicle-to-infrastructure comm)	\$10.81	\$15.91	\$9.50	\$9.68	\$10.36	\$10.48	\$8.59
Hyperloop CLEVELAND-PITTSBURGH	\$10.77	\$14.77	\$9.82	\$9.43	\$10.97	\$11.07	\$6.91
Transportation hub	\$10.16	\$13.69	\$9.39	\$9.19	\$8.20	\$11.48	\$9.30
Commuter rail I-480 route	\$8.07	\$12.87	\$7.87	\$6.46	\$5.03	\$6.54	\$6.39
Brownfield cleanup & redevelop	\$8.03	\$13.05	\$7.02	\$6.47	\$5.94	\$8.72	\$7.01
Improve movement of goods	\$7.93	\$13.38	\$6.61	\$7.26	\$6.37	\$6.54	\$8.25
Smart crosswalks	\$7.24	\$13.50	\$5.33	\$6.32	\$6.33	\$7.12	\$6.91



BACKGROUND

MONTHLY PERSONAL INCOME WILLING TO INVEST (Q12):

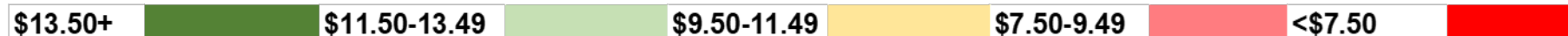
	NOACA Region	Inside EJ Area	Outside EJ Area
Road repair and maintenance	\$14.40	\$16.06	\$12.25
Reduce climate change impacts	\$14.15	\$15.68	\$12.34
Cleaner rivers and lakes	\$13.57	\$15.49	\$11.30
Cleaner drinking water	\$13.56	\$15.93	\$10.88
Hyperloop CLEVELAND-CHICAGO	\$12.78	\$12.98	\$12.29
Cleaner air	\$12.73	\$14.84	\$10.32
V2I (vehicle-to-infrastructure comm)	\$10.81	\$11.78	\$9.60
Hyperloop CLEVELAND-PITTSBURGH	\$10.77	\$11.50	\$9.76
Transportation hub	\$10.16	\$10.97	\$9.07
Commuter rail I-480 route	\$8.07	\$9.49	\$6.52
Brownfield cleanup & redevelop	\$8.03	\$9.50	\$6.23
Improve movement of goods	\$7.93	\$9.52	\$6.10
Smart crosswalks	\$7.24	\$9.01	\$5.43



BACKGROUND

MONTHLY PERSONAL INCOME WILLING TO INVEST (Q12):

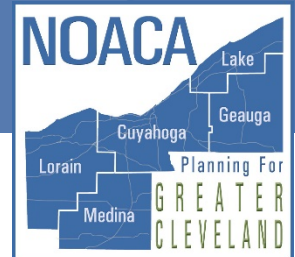
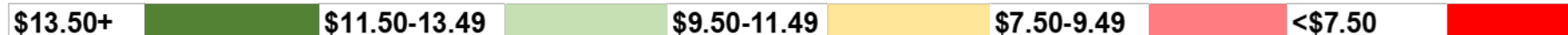
	NOACA Region	Higher-Income Whites	Lower-Income Whites	Higher-Income Non-Whites	Lower-Income Non-Whites
Road repair and maintenance	\$14.40	\$12.58	\$12.92	\$16.13	\$22.29
Reduce climate change impacts	\$14.15	\$11.38	\$13.39	\$18.17	\$20.56
Cleaner rivers and lakes	\$13.57	\$10.39	\$12.45	\$17.77	\$22.91
Cleaner drinking water	\$13.56	\$10.12	\$13.03	\$19.45	\$22.74
Hyperloop CLEVELAND-CHICAGO	\$12.78	\$13.08	\$9.48	\$14.93	\$14.71
Cleaner air	\$12.73	\$9.29	\$11.99	\$19.78	\$21.55
V2I (vehicle-to-infrastructure comm)	\$10.81	\$10.13	\$8.03	\$14.49	\$16.28
Hyperloop CLEVELAND-PITTSBURGH	\$10.77	\$9.87	\$8.54	\$13.57	\$13.70
Transportation hub	\$10.16	\$9.75	\$6.91	\$12.31	\$14.90
Commuter rail I-480 route	\$8.07	\$6.99	\$6.13	\$9.64	\$14.32
Brownfield cleanup & redevelop	\$8.03	\$5.83	\$6.78	\$9.51	\$16.68
Improve movement of goods	\$7.93	\$5.95	\$6.52	\$10.30	\$15.55
Smart crosswalks	\$7.24	\$4.75	\$7.05	\$10.01	\$15.54



BACKGROUND

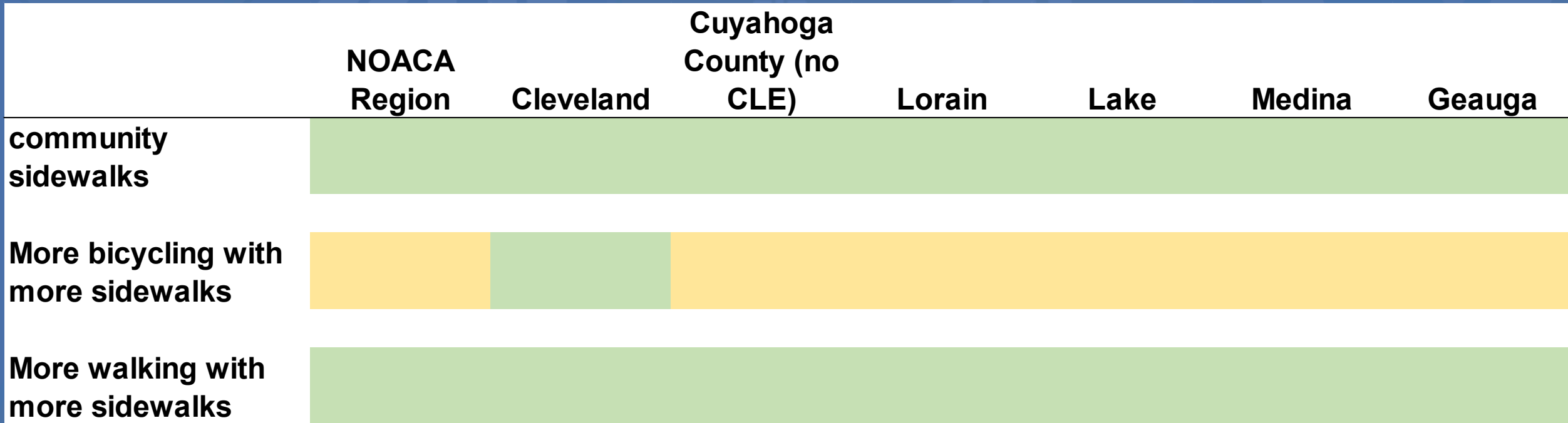
MONTHLY PERSONAL INCOME WILLING TO INVEST (Q12):

	NOACA Region	AGE					
		18-24	25-34	35-44	45-54	55-64	65+
Road repair and maintenance	\$14.40	\$22.78	\$15.85	\$13.90	\$13.69	\$12.70	\$10.80
Reduce climate change impacts	\$14.15	\$25.93	\$18.18	\$13.88	\$13.50	\$10.37	\$8.47
Cleaner rivers and lakes	\$13.57	\$25.56	\$16.57	\$12.85	\$12.84	\$10.47	\$8.23
Cleaner drinking water	\$13.56	\$22.71	\$19.00	\$14.53	\$12.82	\$10.18	\$7.07
Hyperloop CLEVELAND-CHICAGO	\$12.78	\$17.63	\$16.51	\$14.51	\$12.79	\$10.38	\$8.05
Cleaner air	\$12.73	\$22.02	\$16.46	\$13.07	\$13.06	\$9.28	\$7.15
V2I (vehicle-to-infrastructure comm)	\$10.81	\$16.20	\$14.31	\$10.50	\$10.38	\$8.45	\$7.86
Hyperloop CLEVELAND-PITTSBURGH	\$10.77	\$18.06	\$13.74	\$11.79	\$10.33	\$8.73	\$5.62
Transportation hub	\$10.16	\$17.93	\$12.43	\$10.04	\$9.16	\$7.78	\$6.97
Commuter rail I-480 route	\$8.07	\$12.60	\$11.11	\$8.24	\$7.72	\$6.35	\$4.88
Brownfield cleanup & redevelop	\$8.03	\$16.69	\$9.21	\$8.35	\$7.25	\$5.39	\$4.81
Improve movement of goods	\$7.93	\$15.20	\$9.83	\$8.38	\$7.35	\$5.28	\$4.77
Smart crosswalks	\$7.24	\$14.10	\$10.36	\$7.35	\$6.49	\$5.42	\$3.00



BACKGROUND

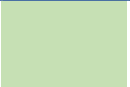
SIDEWALK SATISFACTION (Q4) AND LIKELIHOOD TO BIKE (Q19) OR WALK (Q20) MORE WITH EXPANDED NETWORK



Very satisfied/
likely (4.00+)



Somewhat satisfied/
likely (3.25-3.99)



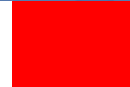
Neutral (2.75-3.24)



Somewhat dissatisfied/
unlikely (2.00-2.74)



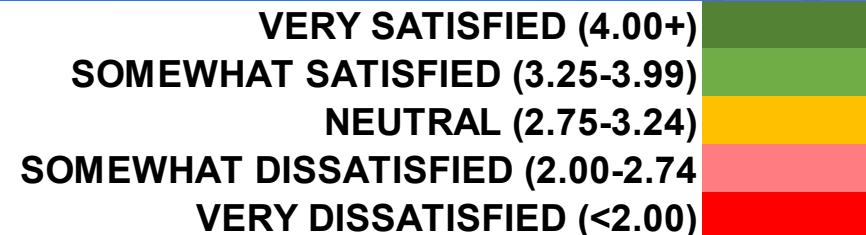
Very dissatisfied/
unlikely (<2.00)



BACKGROUND

SIDEWALK SATISFACTION (Q4)

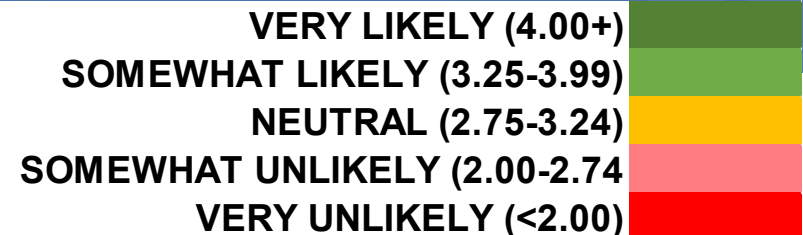
	LEAST SATISFIED	MOST SATISFIED
GEOGRAPHY	CLEVELAND (3.48)	SUBURBAN CUYAHOGA COUNTY (3.93)
ENVIRONMENTAL JUSTICE AREA	EJ AREA (3.63)	NON-EJ AREA (3.80)
RACE/INCOME GROUP	LOWER-INCOME NON-WHITE (3.47)	HIGHER-INCOME WHITE (3.85)
AGE	YOUNG ADULTS 18-34 (3.58)	OLDER 65+ (3.87)
EMPLOYMENT STATUS	DISABLED (3.41)	RETIRED (3.84)



BACKGROUND

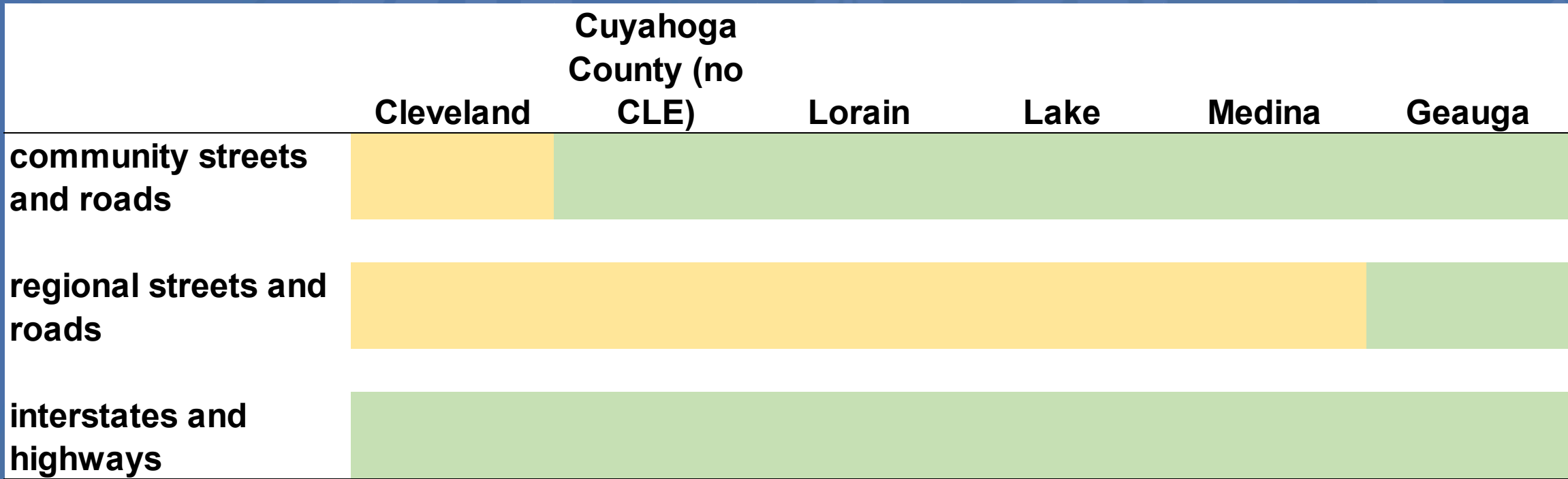
LIKELIHOOD TO BIKE (Q19) OR WALK (Q20) MORE WITH EXPANDED SIDEWALK NETWORK

	LEAST LIKELY BIKE/WALK	MOST LIKELY BIKE/WALK
GEOGRAPHY	GEAUGA (2.75)/GEAUGA (3.37)	CLEVELAND (3.25)/(3.73)
ENVIRONMENTAL JUSTICE AREA	NON-EJ AREA (2.96)/NON-EJ AREA (3.40)	EJ AREA (3.12)/EJ AREA (3.59)
RACE/INCOME GROUP	HIGHER-INCOME WHITE (2.93)/HIGHER-INCOME WHITE (3.41)	LOWER-INCOME NON-WHITE (3.36)/(3.61)
AGE	OLDER 65+ (2.33)/OLDER 65+ (3.08)	YOUNGER 18-24 (3.51)/25-34 (3.76)
EMPLOYMENT STATUS	RETIRED (2.41)/RETIRED (3.11)	STUDENT (3.45)/MULTI-PART (3.86)



BACKGROUND

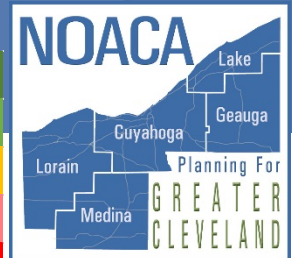
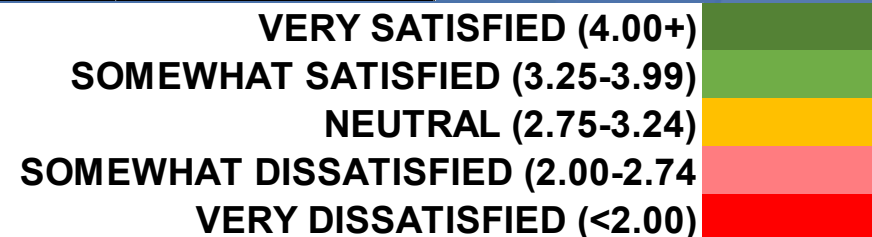
SATISFACTION WITH STREETS/ROADS; SATISFACTION WITH INTERSTATES/HIGHWAYS (Q4)



BACKGROUND

SATISFACTION WITH STREETS/ROADS (Q4)

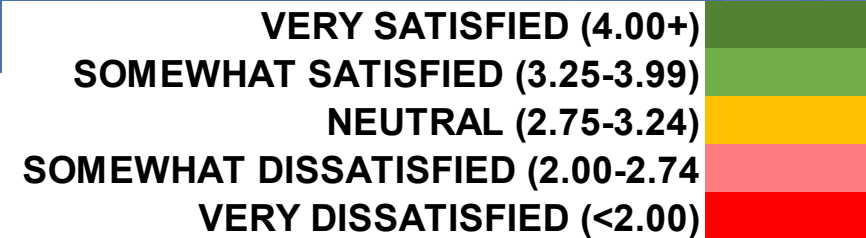
	LEAST SATISFIED WITH ROADS (LOCAL/REGION)	MOST SATISFIED WITH ROADS (LOCAL/REGION)
GEOGRAPHY	CLEVELAND (3.04)/(2.91)	GEAUGA (3.87)
ENVIRONMENTAL JUSTICE AREA	EJ AREA (3.25)/(3.04)	NON-EJ AREA (3.64)/NON-EJ AREA (3.20)
RACE/INCOME GROUP	LOWER-INCOME NON-WHITE (3.19)/WHITE (3.00)	HIGHER-INCOME WHITE (3.60)/HIGHER-INCOME WHITE (3.19)
AGE	MIDDLE 45-54 (3.34)/MIDDLE 45-54 (3.05)	OLDER 65+ (3.65)/YOUNGER 18-24 (3.21)
EMPLOYMENT STATUS	SELF-EMPLOYED (3.13)/SELF- EMPLOYED (2.70)	RETIRED (3.55)/STUDENT (3.24)



BACKGROUND

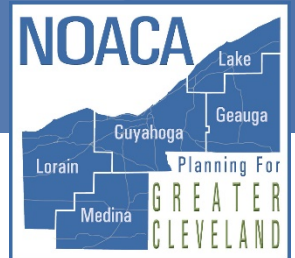
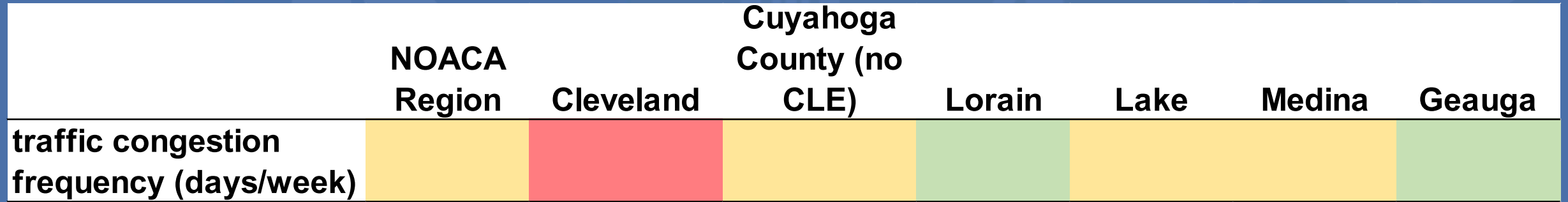
SATISFACTION WITH INTERSTATES/HIGHWAYS (Q4)

	LEAST SATISFIED WITH HIGHWAYS	MOST SATISFIED WITH HIGHWAYS
GEOGRAPHY	MEDINA (3.52)	GEAUGA (3.77)
ENVIRONMENTAL JUSTICE AREA	EJ AREA (3.61)	NON-EJ AREA (3.66)
RACE/INCOME GROUP	LOWER-INCOME WHITE (3.56)	HIGHER-INCOME WHITE (3.69)
AGE	YOUNGER 25-34 (3.55)	OLDER 65+ (3.79)
EMPLOYMENT STATUS	COVID FURLOUGH (3.42)	RETIRED (3.76)



BACKGROUND

FREQUENCY TRAFFIC CONGESTION EXPERIENCED (Q14)



BACKGROUND

FREQUENCY TRAFFIC CONGESTION EXPERIENCED (Q14)

	LESS DELAY	MORE DELAY
GEOGRAPHY	LORAIN (1.43)	CLEVELAND (2.07)
ENVIRONMENTAL JUSTICE AREA	NON-EJ AREA (1.61)	EJ AREA (1.87)
RACE/INCOME GROUP	HIGHER-INCOME WHITE (1.64)	HIGHER-INCOME NON-WHITE (2.08)
AGE	OLDER 65+ (1.00)	YOUNGER 25-34 (2.35)
EMPLOYMENT STATUS	RETIRED (1.02)	COVID FURLOUGH (2.27)

1.00-1.49



1.50-1.99



2.00-2.49



BACKGROUND

LEVEL OF CONCERN ABOUT TRAFFIC CONGESTION (Q17)

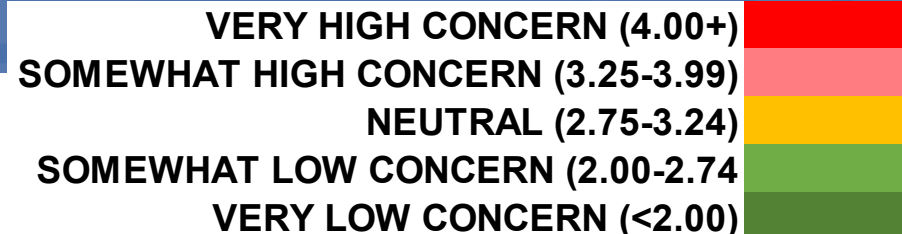
	LESS CONCERN	MORE CONCERN
GEOGRAPHY	GEAUGA (3.42)	CLEVELAND (3.69)
ENVIRONMENTAL JUSTICE AREA	NON-EJ AREA (3.55)	EJ AREA (3.67)
RACE/INCOME GROUP	HIGHER-INCOME WHITE (3.57)	HIGHER-INCOME NON-WHITE (3.79)
AGE	MIDDLE AGE 45-64 (3.54)	YOUNGER 25-34 (3.82)
EMPLOYMENT STATUS	PART-TIME MULTIPLE (3.34)	DISABLED (3.82)

RUSH HOUR DELAY

10 MIN

CONSTRUCTION DELAY

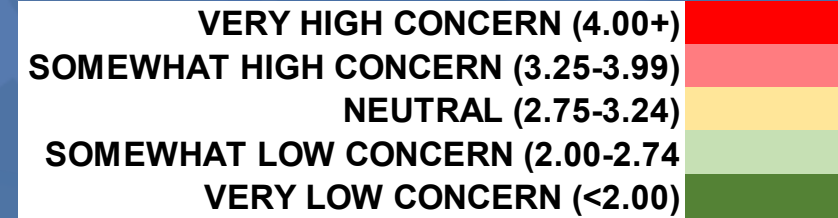
8 MIN



BACKGROUND

LEVEL OF CONCERN ABOUT ROAD SAFETY (Q14)

Base	NOACA	Cuyahoga County (no					
	Region	Cleveland	CLE)	Lorain	Lake	Medina	Geauga
	2,323	404	1,038	342	258	196	85
		(A)	(B)	(C)	(D)	(E)	(F)
Distracted driving (e.g. texting)	4.40	4.37	4.42	4.38	4.49	4.31	4.47
Potholes	4.26	4.35	4.28	4.21	4.24	4.16	4.18
Speeding drivers	4.02	4.17	4.02	3.96	4.12	3.82	3.89
Weather-related road conditions	3.85	3.89	3.86	3.76	3.89	3.79	3.85
Bicycles sharing roads with	3.74	3.69	3.78	3.69	3.69	3.69	3.89
Pedestrians sharing roads with	3.73	3.76	3.70	3.75	3.84	3.56	3.76
Rear-end collisions (e.g. fender	3.66	3.76	3.64	3.62	3.76	3.54	3.48
Bicycle/pedestrian crosswalks	3.22	3.37	3.22	3.16	3.16	3.08	3.21
Rail crossings	2.98	3.19	2.89	2.99	3.05	2.98	2.84



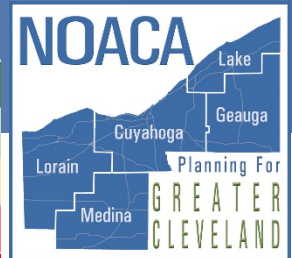
BACKGROUND

COMMUTE EXPERIENCE (AMONG EMPLOYED) (Q29-31)

	NOACA Region	Cleveland	Cuyahoga County (no CLE)	Lorain	Lake	Medina	Geauga
Base	1,326	218	603	175	149	131	50
My commute time is too long	2.55	2.82	2.42	2.62	2.50	2.72	2.42
Average commute time (minutes)	22.14	22.40	20.94	25.83	21.11	24.38	20.07
Desired commute time (minutes)	16.79	14.37	17.50	17.51	15.90	19.85	12.89
Difference (Average - Desired)	5.35	8.03	3.44	8.32	5.21	4.53	7.18

EJ Area (6.1 min); Higher-Income Non-Whites (9.4 min); Lower-Income Non-Whites (9.5 min); 18-24 year-olds (8.5 min)

STRONGLY AGREE (4.00+)
SOMEWHAT AGREE (3.25-3.99)
NEUTRAL (2.75-3.24)
SOMEWHAT DISAGREE (2.00-2.74)
STRONGLY DISAGREE (<2.00)





BACKGROUND


PUBLIC TRANSIT SATISFACTION/PREFERENCES (Q14,16)

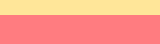
	NOACA Region 2,350	Cleveland 414	Cuyahoga County (no CLE) 1,045	Lorain 345	Lake 263	Medina 198	Geauga 85
Average days per week riding public transportation	0.52	1.07	0.43	0.37	0.36	0.36	0.33
Base: Ride Public Transportation Weekly	342	118	131	36	27	22	8
Weekly Ridership (satisfaction)	3.65	3.72	3.64	3.42	3.93	3.36	3.88
Local bus with frequent stops	3.85	3.90	3.92	3.67	3.65	3.64	4.00
Bus Rapid Transit	3.78	4.01	3.75	3.69	3.27	3.55	3.75
Premium bus with fewer stops	3.77	3.75	3.89	3.81	3.81	3.05	3.63
Commuter Rail with fewer stops	3.50	3.60	3.53	3.50	3.00	3.50	3.25
Rail Lines with frequent stops	3.49	3.57	3.60	3.19	3.04	3.45	3.38
Autonomous (self-driving) shuttles (future)	3.19	3.26	3.00	3.42	3.08	3.50	3.63
Base: Ride Public Transportation Infrequently	478	102	233	67	41	19	16
Infrequent Ridership (satisfaction)	3.29	3.51	3.33	2.80	3.56	3.26	2.69
Base: Ride Public Transportation Rarely and Never	1530	194	681	242	195	157	61
	3.23	3.73	3.26	2.78	3.46	3.02	2.80


AVERAGE DAYS PER WEEK: Lower-Income Non-Whites (1.5); 18-24 year-olds (1.1); Part-Time Employees (1.1)

VERY SATISFIED/VERY HIGH PREFERENCE (4.00+) 

SOMEWHAT SATISFIED/SOMEWHAT HIGH PREFERENCE (3.25-3.99) 

NEUTRAL (2.75-3.24) 

SOMEWHAT DISSATISFIED/SOMEWHAT LOW PREFERENCE (2.00-2.74) 

VERY DISSATISFIED/VERY LOW PREFERENCE (<2.00) 



BACKGROUND

PUBLIC TRANSIT SATISFACTION/PREFERENCES (Q14,16)

	NOACA Region 2,350	Higher Income Whites 1,214	Lower Income Whites 537	Higher Income Non- Whites 220	Lower Income Non- Whites 239
Average days per week riding public transportation	0.52	0.24	0.52	0.79	1.47
Base: Ride Public Transportation Weekly Weekly Ridership (satisfaction)	342 3.65	86 3.49	83 3.59	50 3.46	90 3.42
Local bus with frequent stops	3.85	3.79	4.00	3.74	3.80
Bus Rapid Transit	3.78	3.95	3.80	3.66	3.63
Premium bus with fewer stops	3.77	3.95	3.65	3.74	3.73
Commuter Rail with fewer stops	3.50	3.72	3.48	3.36	3.41
Rail Lines with frequent stops	3.49	3.56	3.35	3.46	3.54
Autonomous (self-driving) shuttles (future)	3.19	3.34	2.93	3.30	2.97
Base: Ride Public Transportation Infrequently Infrequent Ridership (satisfaction)	478 3.29	247 3.14	98 3.25	55 3.51	53 3.27
Base: Ride Public Transportation Rarely and Never	1530 3.23	881 3.15	356 3.15	115 3.34	96 3.32

AVERAGE DAYS PER WEEK: Lower-Income Non-Whites (1.5); 18-24 year-olds (1.1); Part-Time Employees (1.1)

VERY SATISFIED/VERY HIGH PREFERENCE (4.00+)
SOMEWHAT SATISFIED/SOMEWHAT HIGH PREFERENCE (3.25-3.99)
NEUTRAL (2.75-3.24)
SOMEWHAT DISSATISFIED/SOMEWHAT LOW PREFERENCE (2.00-2.74)
VERY DISSATISFIED/VERY LOW PREFERENCE (<2.00)

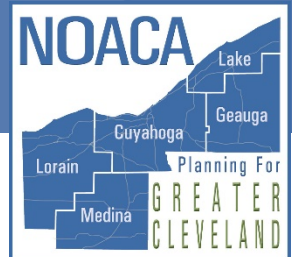


BACKGROUND

ACTIVE TRANSPORTATION ACTIVITY (Q14)

	NOACA Region Base	Cleveland 414	Cuyahoga County (no CLE) 1,045	Lorain 345	Lake 262	Medina 198	Geauga 85
Average days per week riding a bicycle	0.79	1.08	0.77	0.76	0.58	0.66	0.63
Average days per week walking to places	1.89	2.70	1.81	1.67	1.79	1.37	1.30
Average days per week riding a scooter	0.31	0.57	0.25	0.28	0.24	0.31	0.28

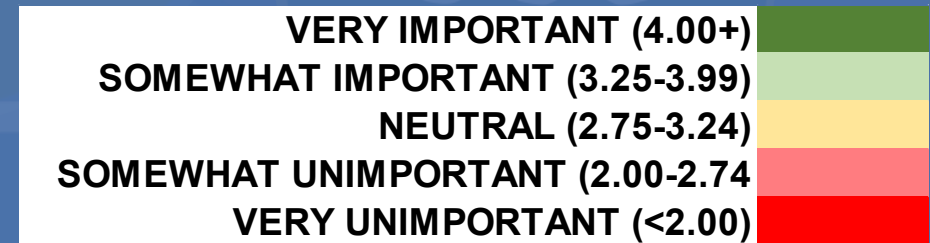
BIKING: Lower-Income Non-Whites (LINW), 18-24 year-olds (1.2); Part-Time (1.5)/**WALKING:** LINW (2.8), 18-24 year-olds, Students (2.5)/**SCOOTERS:** LINW (0.7); 18-24 year-olds (1.0)



BACKGROUND

	NOACA Region	Cuyahoga County (no CLE)	Lorain	Lake	Medina	Geauga	
BASE	2,459	445	1,084	362	271	207	91
Personal vehicles	4.45	4.35	4.45	4.44	4.57	4.48	4.75
Public transportation	4.04	4.07	4.14	3.99	4.00	3.80	3.67
Walking	3.98	4.16	3.96	3.94	3.97	3.80	3.97
People working closer to home	3.97	4.16	3.93	3.96	3.97	3.80	3.86
Airplanes	3.92	3.90	4.04	3.85	3.84	3.68	3.75*
Telecommuting	3.67	3.58	3.75	3.64	3.61	3.50	3.77
Bicycles	3.55	3.74	3.53	3.54	3.52	3.40	3.40
Uber, Lyft	3.50	3.63	3.53	3.44	3.39	3.32	3.36
Carpools or vanpools	3.40	3.47	3.40	3.43	3.39	3.25	3.21
Amtrak rail	3.32	3.50	3.37	3.28	3.19	3.04	3.02
Connected vehicles avoid crashes	3.21	3.28	3.20	3.25	3.19	3.07	3.13
Greyhound buses	3.20	3.44	3.20	3.13	3.18	2.93	2.91
Taxis	3.09	3.25	3.06	3.05	3.03	3.06	3.09
Charter buses	3.07	3.30	3.07	2.99	3.03	2.85	2.95
Scooters (electric, mobility)	2.93	3.15	2.88	2.86	2.99	2.82	2.79
Motorcycles	2.89	2.98	2.82	2.92	3.03	2.81	3.01
Service autonomous vehicles	2.88	3.06	2.87	2.80	2.79	2.91	2.75
Personal autonomous vehicles	2.88	3.05	2.85	2.88	2.84	2.85	2.79
Commercial autonomous vehicles	2.85	3.03	2.82	2.81	2.83	2.81	2.68

FUTURE MODAL IMPORTANCE FOR JOB GROWTH & ECONOMIC DEVELOPMENT (Q8)



NEXT STEPS

- NOACA staff will continue to develop *eNEO2050* in anticipation of draft completion by April 2021
- NOACA staff will present the final draft of *eNEO2050* to the Board for adoption in June 2021



**NORTHEAST
OHIO**

Lake
Geauga
Cuyahoga
Lorain
Medina

**AREAWIDE
COORDINATING
AGENCY**

NOACA: Planning For Greater Cleveland

NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

