

Attitudinal and Awareness Survey Results



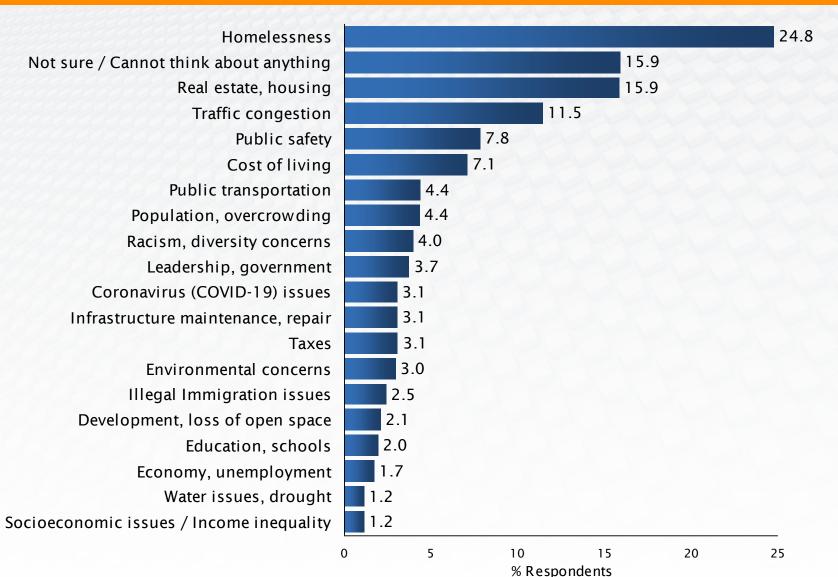
Purpose of Study

- Measure awareness and perceptions of Orange County Transportation Authority (OCTA)
- Gather input on strategies and priorities for the Long Range Transportation Plan (LRTP)
- Profile resident use of the transportation system, communications preferences, and relevant demographics/background information

Methodology of Study

- Conducted June 3rd to June 27th, 2021
- Mixed-methodology survey
 - Stratified random sample of Orange County households
 - Multiple recruiting methods (telephone and email) and data collection options (telephone and online)
 - Completed 2,564 interviews
 - English, Spanish, and Vietnamese
- Overall margin of error: ± 1.9 percent

Most Important Issues

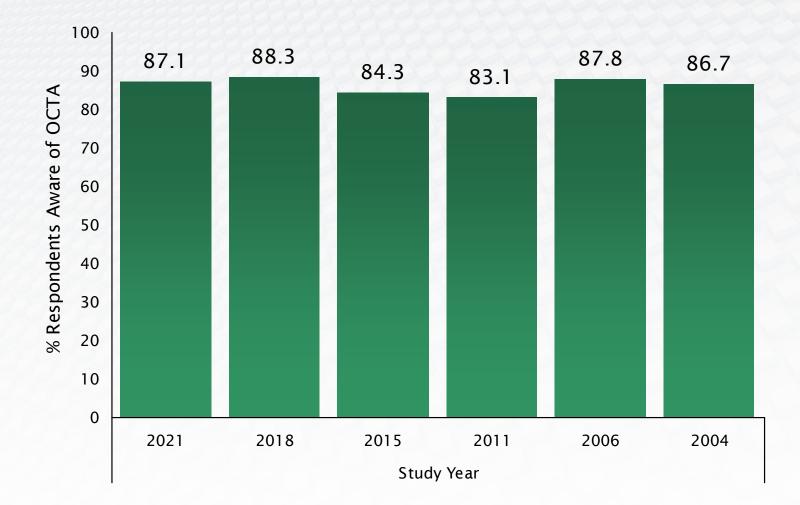


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Comparison of Issues

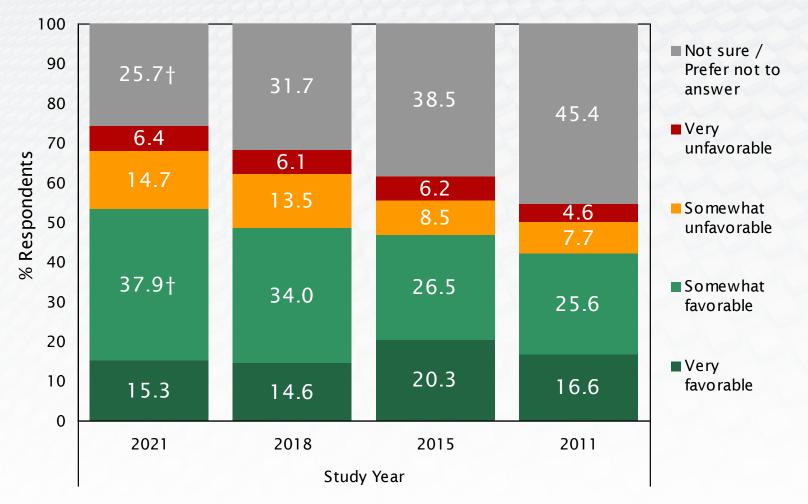
Study Year							
2021	2018	2015	2011				
Homelessness	Homelessness	Water issues, drought	Economy, unemployment				
Not sure / Can't think of anything	Real estate, housing	Not sure / Can't think of anything	Not sure / Can't think of anything				
Real estate, housing	Not sure / Can't think of anything	Traffic	Education, schools				
Traffic congestion	Traffic congestion	Economy, unemployment	Traffic				
Public safety	Cost of living	Real estate, housing	Public safety / Crime				
Cost of living	Population, overcrowding	Cost of living	Budget, spending				
Public transportation	Illegal immigration issues	Public safety	Real estate, housing				
Population, overcrowding	Public transportation	Population, overcrowding	Transportation infrastructure				
Racism, diversity concerns	Public safety	Education, schools	Population, overcrowding				
Leadership, government	Infrastructure maintenance, repair	Homelessness	Cost of living				

Awareness of OCTA



6

Overall Opinion of OCTA



+ Statistically significant difference (p < 0.05) between the 2018 and 2021 studies.

Vehicle Trip and Vehicle Miles Traveled (VMT) Reducing Strategies

Strongly support Smwt support Smwt oppose Strongly oppose Not sure/Prefer not to answer

day	69.1			19).3	4	<mark>3</mark> 4.9		
loo	60.9			25.4		4.6 4 5.5			
ety,	55.3		29.1			5.9 4.5 5.2			
rak	51.4		29.	6.2	6.2	7.0			
on	49.9		29.6			6.9	5.3		
ng	48.4		30.6			7.1	7.2		
es	44.0		34.9			5.6	7.9		
ng	40.8		38.0			4.9	7.4		
or	45.7		29.5 7			7.8 6.6 10.3			
es	42.9		29.7 11.6			9.3	6.5		
m	43.1		25.3	11.0	12.	0	8.7		
0	10 20 30 40 %	50 Respond	60 dents	70	80	90	1		

Encouraging businesses to allow employees to work from home at least one day per week, where possible

Creating safe routes to school to encourage more kids to walk, bike to school

Encouraging more walking by improving sidewalks, crosswalks, pedestrian safety, signs, infrastructure

Improving and expanding commuter rail services including Metrolink, Amtrak

Modifying streets so they can safely accommodate all forms of transportation including cars, transit, pedestrians, bicyclists

Making it easier for transit riders to get to their final destination by offering shuttles, e-bikes, e-scooters, rideshare services at transit stations

Improving and expanding bus services

Increasing programs that encourage carpooling, vanpooling, ridesharing

Offering a guaranteed ride home for those who use transit, carpool, vanpool or bike, find themselves needing an emergency ride home

Encouraging more bicycling by expanding the network of dedicated bike lanes and shared lanes

Creating a network of light rail streetcars, similar to the San Diego trolley system

Support for Pricing and Policy Strategies

Creating programs, incentives that encourage employees to work remotely, at home	59.5				23.5		6.4 4	.7	
Creating programs, incentives that encourage businesses, employees to make greater use of transit, carpooling, bicycling for their commutes				33.9			6.2 5.8	8	
Reducing the cost of transit passes and tickets to encourage more transit use	51.0			29.5		6	5.3 5.7		
Focusing future transit improvements in areas that have a high percentage of multi-family housing		44.0			35.5		6.	.3 5.5	
Creating dedicated lanes for transit so that it is faster and avoids traffic	42.8			31.4		9.1	8.8		
onverting freeway carpool lanes to create network of express lanes; vehicles w/ 3+ people can use lane for free; <3 people have option to pay toll	26.9 2		24.0		16.3		3 25.6		
Converting carpool lane to express; vehicles w/ 3+ people can use lane for free; <3 people have option to pay toll	26.6	5	21.9		17.3		25.5		
Charging for parking in areas that receive a lot of traffic	15.3	18.4		23.6		34.3			
Requiring at least 3 people in a vehicle to qualify for the carpool lane	15.9	17.5	;	25.4		3	3.7		
	0 10	20	30 40 %	50 Respon	60 dents	70	80	90	

Strongly support Smwt support Smwt oppose Strongly oppose DK/NA

100

6.0

8.7

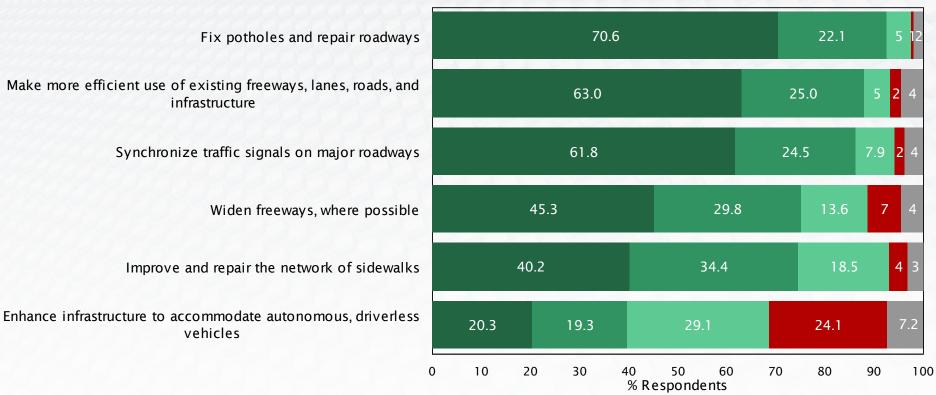
7.2

8.7

8.3

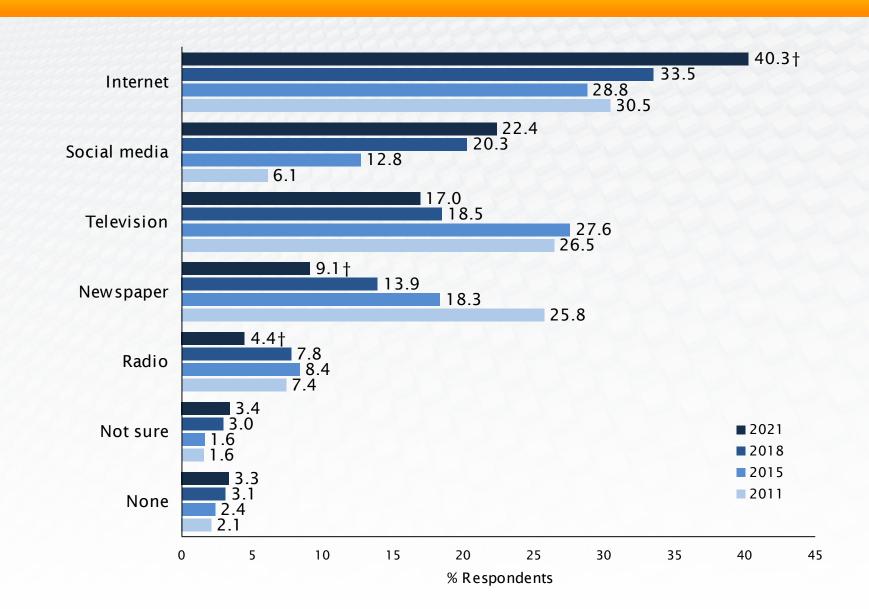
7.5

Capacity and Infrastructure

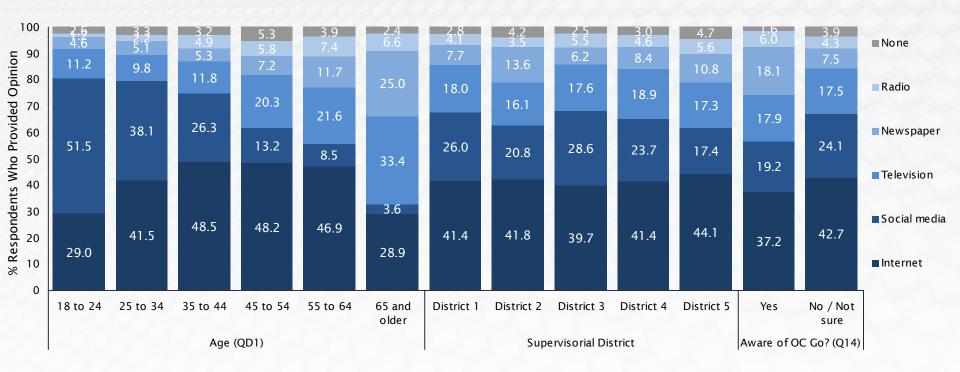


■ High priority ■ Medium priority ■ Low priority ■ Should not be part of LRTP ■ DK/NA

Primary Source for OC News



Primary Source by Age, District, and OC Go Awareness



Key Takeaways – Perceptions of OCTA

- Nearly 9 in 10 residents are aware of OCTA
- The percentage of residents with an opinion of OCTA has increased steadily over the past decade – from 55 percent (2011) to 74 percent (2021)
- Among those with an opinion of OCTA, favorable opinions outnumber unfavorable 2.5 to 1

Key Takeaways - LRTP

Widespread support for all strategies designed to reduce vehicle trips, VMT, and congestion

- Strongest support for:
 - Encouraging remote work
 - Creating safe routes to school
 - Infrastructure improvements to promote walking
 - Improving/expanding commuter rail
 - Complete streets

Key Takeaways - LRTP

Pricing and policy strategies to reduce congestion received mixed reactions

- Strong support for:
 - Positive incentives and programs to promote remote work, transit, active transportation
 - Infrastructure improvements to make transit faster and focused in areas with multi-family housing
- Mixed opinions regarding:
 - Converting carpool lanes to express lanes
- Little support for:
 - Charging for parking in highly congested areas
 - Requiring three people for carpool

Key Takeaways - LRTP

Infrastructure repair/maintenance and capacity enhancements remain popular

- Residents prioritize:
 - Fixing potholes and repairing roadways
 - Making more efficient use of existing freeways, lanes, roads, and infrastructure
 - Synchronizing traffic signals on major roadways
- Although still a priority for 75 percent of OC residents, the percentage who rated widening freeways a *high* priority declined significantly in past three years