

IMPROVING MOBILITY WITH ALTERNATIVE TRAVEL OPTIONS

OC Transportation Demand Management *Public Engagement and Survey Analysis Report* *Phase 2*

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I. EXECUTIVE SUMMARY

The Orange County Transportation Authority (OCTA) is developing the Orange County Transportation Demand Management (TDM) Plan to recommend strategies that reduce single-occupancy vehicle trips and enhance access to alternative transportation options. Focusing on sustainability, efficiency, and equity, the plan will incorporate initiatives such as carpooling, vanpooling, telecommuting, and innovative solutions like carshare and bikeshare programs. By addressing geographic disparities and supporting vulnerable groups, the TDM plan aims to improve public health, air quality, and mobility equity, fostering a coordinated countywide approach among local jurisdictions and partner agencies. The project kicked off in June 2023 with a final plan anticipated in Winter 2024.

As part of this study, a comprehensive outreach plan was developed to engage the public through two outreach phases. Phase 1 was conducted from August to September 2023, and Phase 2 was implemented from September to October 2024. This report highlights the results of Phase 2 outreach. Phase 2 of outreach allowed the project team to provide a project update and invite Orange County residents, visitors, and commuters to give feedback on their preferred choices of alternative modes of transportation. Stakeholders were encouraged to get involved by participating in a virtual community meeting and completing a community survey. The community survey gathered input to refine strategies for the draft TDM Strategic Plan. Community members were asked to identify transportation solutions they would like to see in their community to make environmentally friendly transportation options more appealing.

The survey research was qualitative, which means that results cannot be considered representative of the total population of interest. Informal research methods are useful to explore a group's opinions and views, allowing for the collection of verifiable data. This data can reveal information that may warrant further study and is often a cornerstone for generating new ideas.

i. Community Engagement Approach

A comprehensive outreach plan was developed to raise awareness about the study and invite participation from a broad range of stakeholders, including those who live, work, and travel through Orange County. The outreach focused on engaging a county-wide audience with an emphasis on participation from diverse and underrepresented communities. The plan utilized a mix of traditional and digital methods, including a virtual meeting, community events/pop-ups, and flyers, mailers, and social media notification implemented from September 4 to October 13, 2024. An electronic communications toolkit was distributed to key stakeholders, agencies, and community-based organizations to broaden our reach and support the promotion of the meetings and survey. The electronic toolkit provides copy and paste ready content for email blasts, blogs, social media posts, targeted social media ads, mailers, and newspaper ads. Additional outreach included flyer distribution at public counters, and announcements at OCTA committee and board meetings.

ii. Diversity Outreach

In support of OCTA’s diversity, equity, and inclusion goals, traditional and digital outreach methods were implemented to engage diverse and disadvantaged segments of the community, ensuring participation from all segments of the population, regardless of ethnicity, language preference, or socioeconomic background. The survey, along with project collateral and notification materials such as fact sheets, notices, and e-blasts were made available in English, Spanish, and Vietnamese. The outreach team identified and participated in various community and pop-up events to raise awareness of the TDM study and promote the survey throughout the County. Priority was given to cities with the greatest need for additional engagement, including those with the highest populations of residents who speak English as a second language.

Some examples of community events attended by the team included:

- Little Saigon TV (LSTV) Moon Lantern Festival on September 7, 2024, in Westminster
- Santa Ana’s Fiestas Patrias (Day 2) on September 15, 2024, in Downtown Santa Ana
- O.C. LGBTQ Pride Festival on October 5, 2024, in Costa Mesa

Figure 1: Diverse Community Events



iii. Survey Implementation

The qualitative survey was administered from September 4th to October 13th, 2024. During that time, a total of **1,402 surveys** were collected and analyzed (1,270 English, 120 Spanish and 12 Vietnamese). The survey was conducted as follows:

- The survey was offered in three languages (English, Spanish, and Vietnamese).
- The qualitative survey was available in print and digital formats.

- Countywide multilingual survey promotion and notification, including mailers, email blasts, digital communication toolkits, print newspaper ads, social media posts, social media paid ads, as well as in-person events.
- A QR code was developed for the survey to be accessible via smartphone.
- Survey respondents were entered into a drawing for a chance to win one of two \$50 gift cards.

iv. Survey Results & Key Findings

The subsequent section summarizes the findings for each survey question. The survey included a ranking question to help identify respondents preferred transportation solutions for their respective communities and preferences to make environmentally friendly transportation options more appealing.

An infographic was prepared to visually communicate the TDM survey results and highlight the outreach efforts executed to engage the public. The infographic was distributed to all contacts in the TDM stakeholder database and posted online. The infographic is available as part of Appendix B.

Table 1. Connection to Orange County

Question 1: What is your connection to Orange County (OC)?	
<i>I live and work in OC</i>	1,030 (73%)
<i>I live in OC, but work outside of OC</i>	164 (12%)
<i>I live outside of OC, but work in OC</i>	130 (9%)
<i>I don't live or work in OC, but visit OC</i>	78 (6%)

Table 2. Transportation Solutions

Question 2: Please rank the following solutions you would like to see to encourage sustainable travel in your community. (Rank from 1 to 6, with 1 being the most helpful and 6 being the least helpful)							
Transportation Solution	Count by Rank						Overall Rank
	1	2	3	4	5	6	
<i>Safer streets for walking and biking</i>	453	362	233	160	109	85	1
<i>Better access for pedestrians, bicyclists, and transit users</i>	342	418	236	183	119	104	2
<i>Promote policies that support sustainable transportation</i>	160	186	330	301	231	194	3
<i>Improved connectivity to transit</i>	118	109	202	303	372	298	4
<i>Local commuter programs for business districts or major institutions</i>	160	183	236	269	360	194	5
<i>Reduced travel costs</i>	170	152	154	189	200	537	6

Table 3. Key Comment Themes

Question 3: Do you have any additional feedback? (Open ended question)		
Theme	Description	Specific Recommendations
Improve Bicycle Infrastructure	<i>Recommendations for continuous and safer bike routes and lanes.</i>	<ul style="list-style-type: none"> • More and safer bike lanes • Protected bike lanes • Stronger e-bike regulations • Stronger collaboration among local jurisdictions
Expand Public Transit Services	<i>Better transit connections, especially direct routes to key locations, and extended service hours to make public transportation more convenient and accessible.</i>	<ul style="list-style-type: none"> • Extended hours of service • Connections to other transit services outside OCTA • Add light rail
Traffic & Road Enhancements	<i>Concerns about traffic congestion and emphasize improvement of better traffic flow management. Requests for improved road conditions and safer intersections for all users.</i>	<ul style="list-style-type: none"> • Optimize traffic signals • More express lanes • More speed limit areas • Increase sidewalk/curb maintenance • More landscape
Pedestrian & Rider Safety	<i>Requests for safer and more walkable environments through enhanced bus rider safety, improved crosswalks, pedestrian-friendly streets, and enhanced safety measures like traffic calming.</i>	<ul style="list-style-type: none"> • Security on bus and at bus stops • Install more lighting at bus stops • Safety precautions and management
Increase Accessibility	<i>Better transit options for seniors and other vulnerable populations, such as specialized ride programs and convenient, accessible stops.</i>	<ul style="list-style-type: none"> • Reduced or free fare for seniors • Reduced fare for state employees • Implement vanpool programs • More accessible applications to track transit schedules

Based on 493 responses

II. SURVEY IMPLEMENTATION AND OVERVIEW

This qualitative survey builds upon the insights gathered in Phase 1, with a stronger focus on prioritizing transportation solutions to make environmentally friendly transportation options more appealing. These solutions include strategies to reduce traffic and pollution, such as using public transportation, carpooling, vanpooling, remote working, and walking or biking.

The survey questions were designed to:

- Identify community members connections to Orange County
- Rank solutions to encourage sustainable travel
- Gather respondent demographics, and
- Collect new contact information.

There was a total of 10 questions, including two (2) captcha questions to protect the integrity of responses, one (1) multiple choice question, one (1) ranking question, three (3) open ended questions, three (3) optional demographic questions, and two (2) voluntary sign-up options at the conclusion of the survey.

i. Survey Format & Participation

Engaging a broad and inclusive range of participants was vital to the success of the survey, with a particular focus on ensuring that diverse and disadvantaged communities were represented. Building on the strategies used in Phase 1, the survey was made available in two (2) formats: an online version and a printed option. The digital survey, developed using the TypeForm platform, facilitated wide-scale distribution across the county, offering a flexible, convenient option for participants to complete the survey on any device, at any time.

To ensure inclusivity for communities with limited internet access or who may be less familiar with digital tools, a printed version of the survey was also made available in three languages: English, Spanish, and Vietnamese (Appendix C). Print surveys were distributed alongside the digital version at community

Figure 2: English Paper Survey

The screenshot shows the first page of a printed survey. At the top, there are four circular icons representing different transportation modes: a bus, a car, a bicycle, and a person walking. Below the icons is the text 'IMPROVING MOBILITY WITH POLICIES FOR ALTERNATIVE TRAVEL OPTIONS'. The survey title is 'Transportation Strategies Survey'. The introductory text states: 'The Orange County Transportation Authority (OCTA) continues to provide ways to make it easier for you to use sustainable transportation. Using public transportation, carpooling, vanpooling, remote working, walking and biking, can all help reduce traffic and pollution.' A key message reads: 'Your input is important! Let us know which transportation solutions you would like to see in your community to make environmentally friendly transportation options more appealing.' A promotional message says: 'Take our three-minute survey for a chance to win one of two \$50 gift cards! NO PURCHASE OR PAYMENT NECESSARY TO WIN. View rules at octa.net/TDM.' The first question is: '1. What is your connection to Orange County (OC)? *' with four radio button options: 'I live and work in OC', 'I live in OC, but work outside of OC', 'I live outside of OC, but work in OC', and 'I don't live or work in OC, but visit OC'. The second question is: '2. Please rank the following solutions you would like to see to encourage sustainable travel in your community.* Rank from 1 – 6, with 1 being the most helpful and 6 being the least helpful'. Below this are six categories of solutions, each with a brief description and examples: 'Better access for pedestrians, bicyclists, and transit users', 'Safer streets for walking and biking', 'Promote policies that support sustainable transportation', 'Local commuter programs for business districts or major institutions', 'Improved connectivity to transit', and 'Reduced travel costs'. At the bottom left, it says 'Page 1 of 2' and '*Response required'. At the bottom right is the OCTA logo.

events, expanding accessibility for non-digital users and helping to capture the voices of traditionally underserved populations.

ii. Survey Outreach

A comprehensive outreach campaign was conducted to gather input and refine strategies for the draft TDM Strategic Plan. Efforts included email blasts, flyer distributions at public counters, and a wide range of trilingual communications—delivered in English, Spanish, and Vietnamese—through social media posts, electronic communication toolkits, and print advertisements. This multilingual approach ensured broad community engagement. The survey was further promoted through virtual meetings, key stakeholder engagements, and at community events across the county. Below is a summary of these outreach efforts:

Figure 3: Community Outreach Events

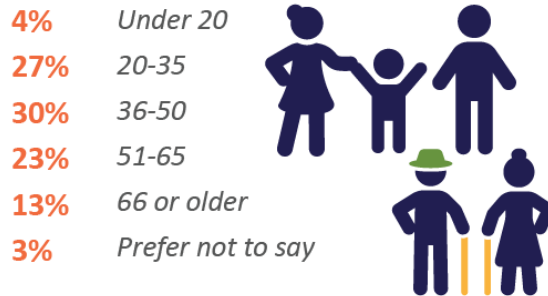


- Presented at the OCTA Citizens Advisory Committee (CAC), the Stakeholder Working Group (SWG), the Advisory Committee (AC) Meetings, and the Orange County Council of Governments (OCCOG) Meeting.
- Hosted 1 public webinar attracting 21 participants, as well as uploading the public presentation and video online for those that could not attend.
- Engaged more than 4,900 community members at 11 Orange County events throughout the 5 county supervisorial districts.
- Reached 57,000 readers through Spanish and Vietnamese newspapers.
- Distributed more than 1,700 multi-lingual notices at pop-up events and to organizations that serve diverse and disadvantaged communities in Orange County
- Sent 1,590 mailers to key stakeholders and community organizations.
- E-mailed 6 multi-lingual notices to more than 3,574 interested community stakeholders.
- Promoted the survey and community webinar with 5 Facebook posts, 5 Instagram posts, and 3 X posts with 20,009 impressions.
- Developed and distributed an electronic communications toolkit, providing an easy-to-share communication resource to more than 109 local cities, community leaders, as well as OCTA committee and stakeholder organizations.
- Announced the project through OCTA's On the Move blog and via press release.
- Featured a webpage viewed more than 700 times.
- Shared materials in English, Spanish, and Vietnamese.

i. Key Demographics

Figure 4: Key Demographic Findings

6: What is your age range?



7: What is your combined annual household income?



8: What ethnic group do you consider yourself a part of or feel closest to?



ii. Geographic Distribution

Respondents were asked to identify zip codes where they live and work. The majority of survey respondents (85%) reside within Orange County and 78% of respondents stated they work within Orange County. The table and graphic below detail the zip code distribution for home and work.

Table 4. Home Zip Code

What is your home zip code?	
<i>Within Orange County</i>	1,187 (85%)
<i>Outside Orange County</i>	215 (15%)

Figure 5: Participant Home Zip Code

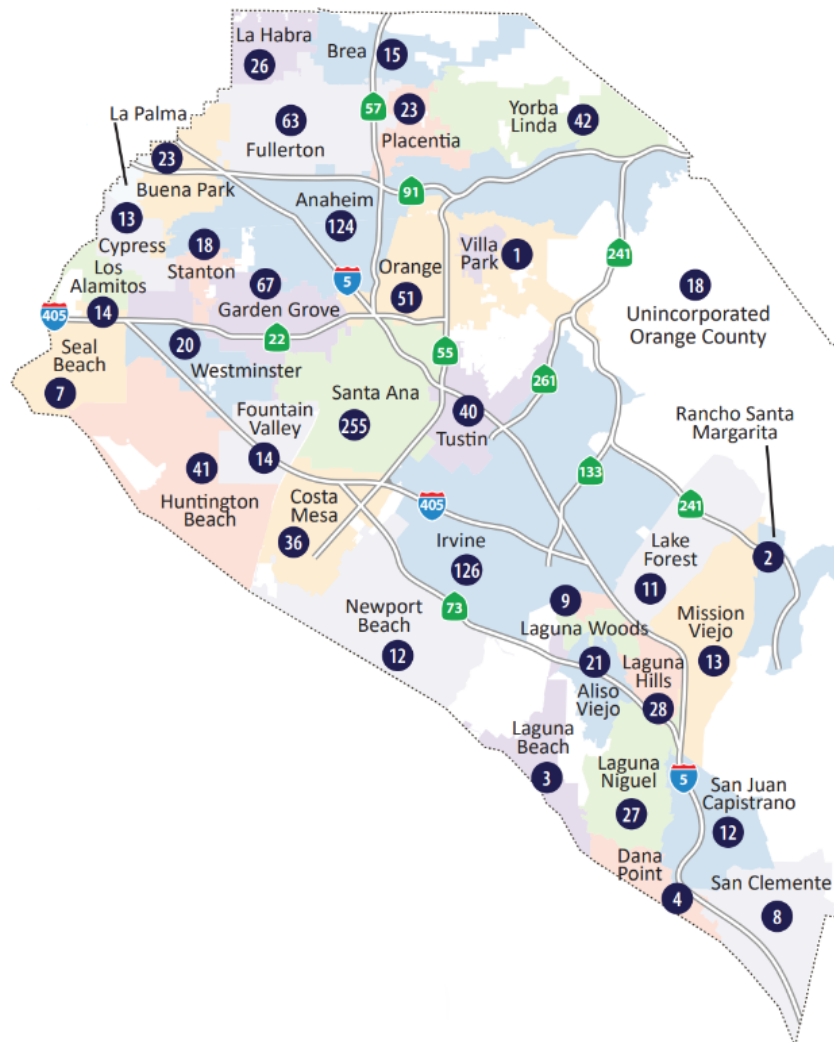


Table 5. Work Zip Code

What is your work zip code?	
<i>Within Orange County</i>	1,094 (78%)
<i>Outside Orange County</i>	122 (9%)
<i>Other – includes people working remotely retired, or employment requiring travel to multiple locations across the county.</i>	186 (13%)

iii. New Contacts

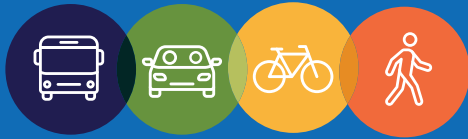
A total of 935 new email addresses and 34 new mobile phone numbers were collected from survey respondents. These contacts will continue to be used to keep interested stakeholders informed of any future developments or follow-up initiatives, marking the conclusion of the TDM study.

III. CONCLUSION

The project team increased project awareness about Transportation Demand Management (TDM) and utilized this second phase of outreach to seek input on how to refine those strategies and identify travel preferences that would best serve the community. The survey responses have provided valuable insights, offering clear guidance on the areas OCTA should prioritize as we shape the final TDM plan.

APPENDIX

Appendix A: Survey Infographic

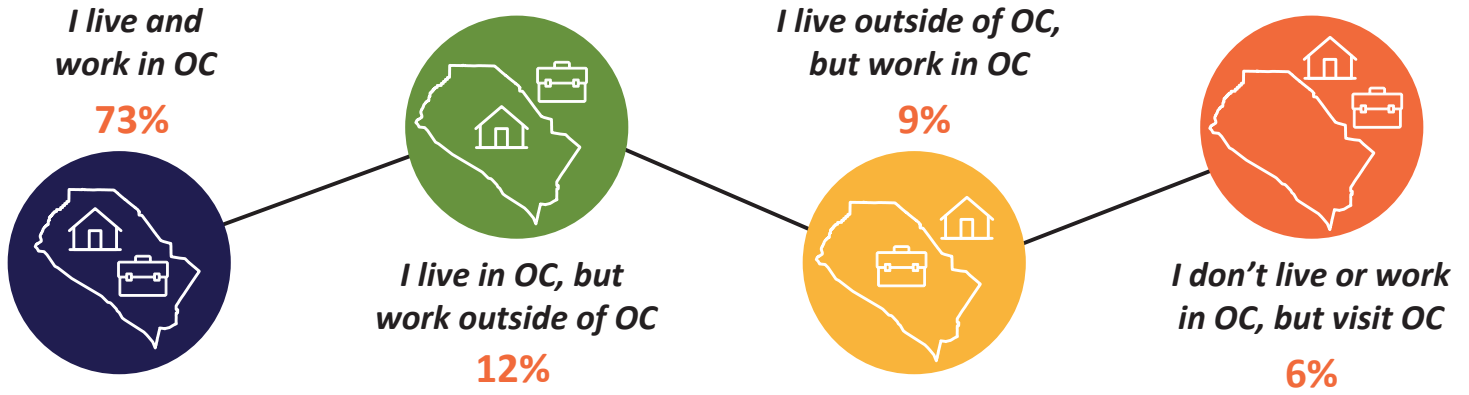


IMPROVING MOBILITY WITH ALTERNATIVE TRAVEL OPTIONS
 PHASE 2 SURVEY RESULTS AND OUTREACH - FALL 2024

Total number of surveys
1402



1: What is your connection to Orange County (OC)?



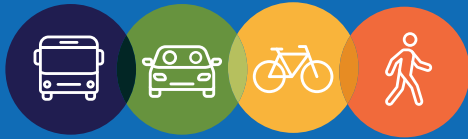
2: Please rank the following solutions you would like to see to encourage sustainable travel in your community.

Rank from 1-6, with 1 being the most helpful and 6 being the least helpful.



3: Do you have any additional feedback?

Key Themes		
	Improve Bicycle Infrastructure	Recommendations for continuous and safer bike routes and lanes.
	Expand Public Transit Services	Better transit connections, especially direct routes to key locations, and extended service hours to make public transportation more convenient and accessible.
	Traffic & Road Enhancements	Concerns about traffic congestion and emphasize improvement of better traffic flow management. Requests for improved road conditions and safer intersections for all users.
	Pedestrian & Rider Safety	Requests for safer and more walkable environments through enhanced bus rider safety, improved crosswalks, pedestrian-friendly streets, and enhanced safety measures such as speed bumps and curb extensions.
	Increase Accessibility	Better transit options for seniors and other vulnerable populations, such as specialized ride programs and convenient, accessible stops.



IMPROVING MOBILITY WITH ALTERNATIVE TRAVEL OPTIONS
 PHASE 2 SURVEY RESULTS AND OUTREACH - FALL 2024

4: What is your home zip code?

1,187 Inside Orange County **215** Outside Orange County

5: What is your work zip code?

1,094 Inside Orange County **122** Outside Orange County

186 **Other**
 Respondents who identified themselves as retired, traveling to various locations for work within Orange County, or working remotely.

6: What is your age range?

- 4% Under 20
- 27% 20-35
- 30% 36-50
- 23% 51-65
- 14% 66 or older
- 3% Prefer not to say



7: What is your combined annual household income?

- 18% Less than \$30,000
- 12% \$30,000 – \$49,000
- 12% \$50,000 – \$79,000
- 12% \$80,000 – \$99,000
- 13% \$100,000 – \$149,000
- 14% \$150,000 or more
- 18% Prefer not to answer

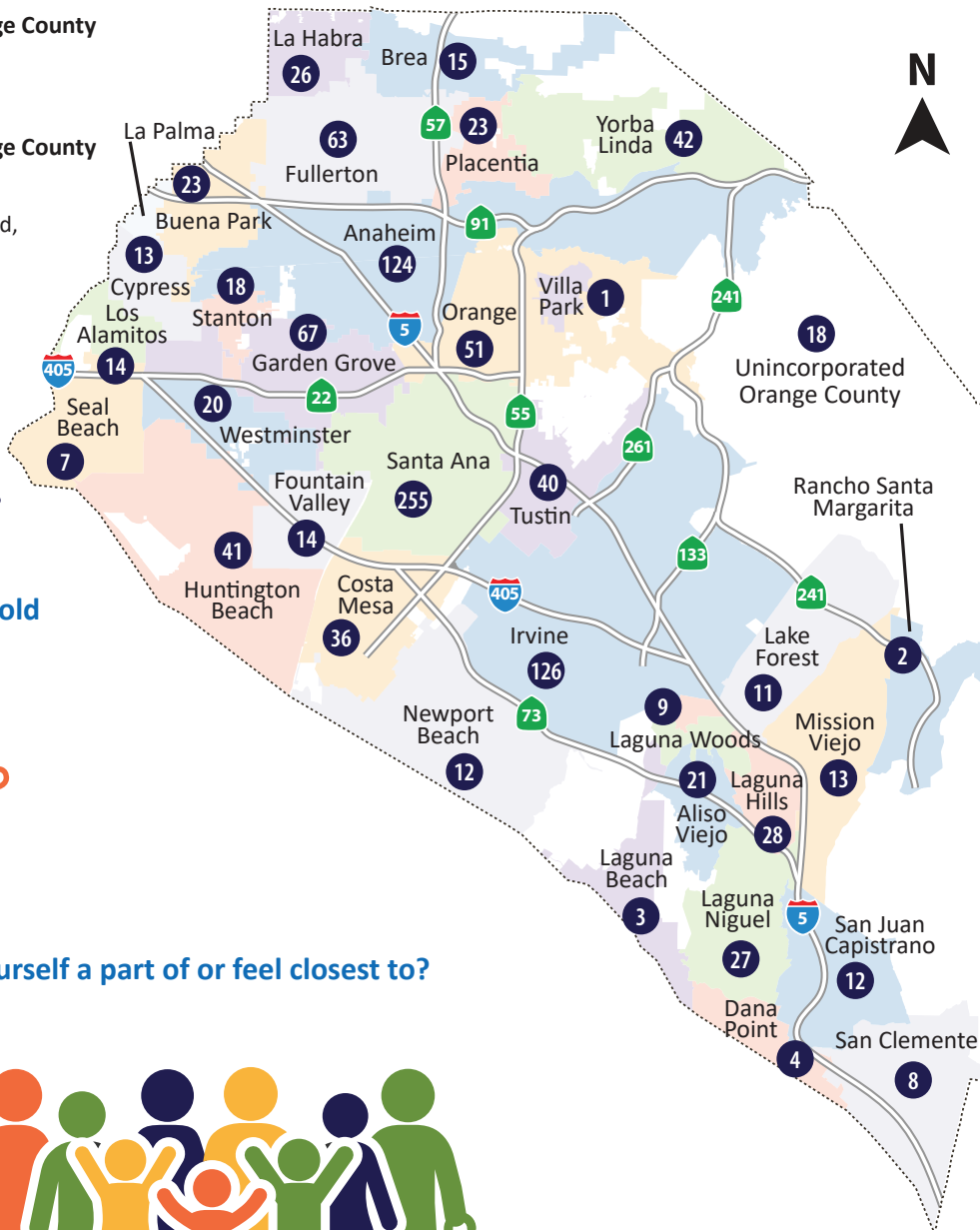


8: What ethnic group do you consider yourself a part of or feel closest to?

- 30% Caucasian/White
- 34% Latino/Hispanic
- 19% Asian – Korean, Japanese, Chinese, Vietnamese, Filipino or other Asian
- 3% African American/Black
- 1% American Indian or Alaskan Native
- 1% Pacific Islander
- 1% Middle Eastern
- 3% Mixed Heritage
- 1% Other
- 7% Prefer not to answer



Participant Home Zip Code:



Community Engagement

Collected **1,402** surveys from September 4 to October 13, 2024

Hosted **1** Citizens Advisory Committee, **1** Stakeholder Working Group, **1** Advisory Committee Meeting, and **1** public webinar, as well as uploaded the public presentation and video for those who could not attend

Engaged **4,900+** community members at **11** Orange County events throughout the **5** county supervisorial districts

Reached **57,000+** readers through Spanish- and Vietnamese-language newspapers

Distributed **1,700+** multi-lingual notices at pop-up events and to organizations that serve diverse and underrepresented communities in Orange County

Distributed **1,590** meeting notices to key stakeholders and community organizations

E-mailed **6** multi-lingual notices to more than **3,574** interested community stakeholders

Promoted the survey and community webinar with **5** Facebook posts, **5** Instagram stories, and **3** X posts with **20,000+** impressions

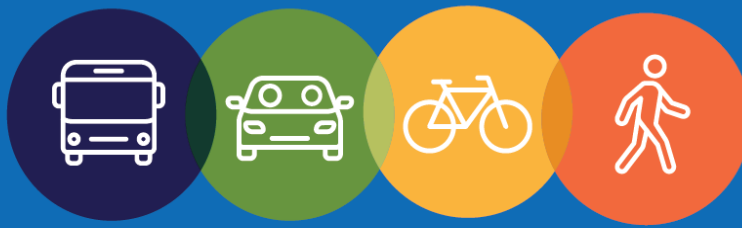
Developed and distributed toolkits, providing an easy-to-share communication resource to more than **109** local cities, community leaders, as well as OCTA committee and stakeholder organizations

Announced the project through **OCTA's On the Move** blog and via press release

Featured a webpage viewed more than **700** times

Shared materials in **English, Spanish, and Vietnamese**

Appendix B: Print Surveys in English, Spanish, and Vietnamese



IMPROVING MOBILITY WITH POLICIES FOR ALTERNATIVE TRAVEL OPTIONS

Transportation Strategies Survey

The Orange County Transportation Authority (OCTA) continues to provide ways to make it easier for you to use sustainable transportation. Using public transportation, carpooling, vanpooling, remote working, walking and biking, can all help reduce traffic and pollution.

Your input is important! Let us know which transportation solutions you would like to see in your community to make environmentally friendly transportation options more appealing.

Take our three-minute survey for a chance to win one of two \$50 gift cards!
NO PURCHASE OR PAYMENT NECESSARY TO WIN. View rules at octa.net/TDM.

1. What is your connection to Orange County (OC)? *

- I live and work in OC
- I live in OC, but work outside of OC
- I live outside of OC, but work in OC
- I don't live or work in OC, but visit OC

2. Please rank the following solutions you would like to see to encourage sustainable travel in your community.*

Rank from 1 – 6, with 1 being the most helpful and 6 being the least helpful

Better access for pedestrians, bicyclists, and transit users <i>E.g., bike lanes, sidewalks, wheelchair and stroller access, bicycle-friendly buses, and multilingual signage.</i>
Safer streets for walking and biking <i>E.g., high visibility paint for crosswalk and bike lanes, special pedestrian & bike only zones, and protected bike lanes.</i>
Promote policies that support sustainable transportation <i>E.g., new developments near public transportation, user-friendly trip planning apps, and transit hubs for buses, trains, and ridesharing.</i>
Local commuter programs for business districts or major institutions <i>E.g., remote work, flexible work schedule, and locally organized carpool, vanpools, and ridesharing services.</i>
Improved connectivity to transit <i>E.g., local shuttles, bike share, and carpool matching services</i>
Reduced travel costs <i>E.g., free or discounted transit passes, employer provided incentives, and reward programs for frequent transit users.</i>

3. Do you have any additional feedback?

Thanks for your input! Please tell us a little about yourself.

4. What is your **home** ZIP-code? *

5. What is your **work** ZIP-code? *

6. What is your age range?

- Under 20
- 20-35
- 36-50
- 51-65
- 66 or older
- Prefer not to answer

7. What is your **combined** annual household income?

- Less than \$30,000
- \$30,000 – \$49,000
- \$50,000 – \$79,000
- \$80,000 – \$99,000
- \$100,000 – \$149,000
- \$150,000 or more
- Prefer not to answer

8. What ethnic group do you consider yourself a part of or feel closest to?

- Caucasian/White
- Latino/Hispanic
- African American/Black
- American Indian or Alaskan Native
- Asian – Korean, Japanese, Chinese, Vietnamese, Filipino or other
- Pacific Islander
- Middle Eastern
- Mixed Heritage
- Prefer not to answer
- Other: _____

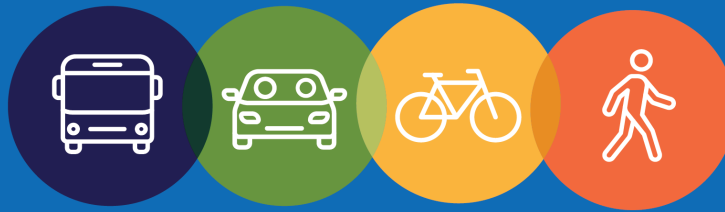
9. Enter your email below to receive project updates and meeting invitations and be entered into a drawing for a chance to receive one of two \$50 gift cards. NO PURCHASE OR PAYMENT NECESSARY TO WIN. See official rules at octa.net/TDM.

If you do not have an email, you can enter your phone number in the next question.

10. Enter your phone number below.

Thank you for participating!





MEJORANDO LA MOVILIDAD CON OPCIONES DE VIAJE ALTERNATIVAS

Encuesta de Estrategias de Transporte de la OCTA

La Autoridad de Transporte del Condado de Orange (OCTA, por sus siglas en inglés) continúa brindando formas para que le sea más fácil usar el transporte sostenible. Usar el transporte público, compartir el vehículo o camioneta, trabajar de manera remota, caminar y andar en bicicleta pueden ayudar a reducir el tráfico y la contaminación.

¡Sus aportes son importantes! Déjenos saber qué tipo de soluciones de transporte le gustaría ver en su comunidad para hacer que las opciones de transporte respetuosas con el medio ambiente sean más atractivas.

¡Responda nuestra encuesta de tres minutos para tener la oportunidad de ganar una de las dos tarjetas de regalo de \$50! NO SE REQUIERE NINGUNA COMPRA O PAGO PARA GANAR. Vea las reglas en octa.net/TDM.

1. ¿Cuál es su conexión con el Condado de Orange (OC, por sus siglas en inglés)? *

- Vivo y trabajo en OC
- Vivo en OC, pero trabajo fuera de OC
- Vivo fuera de OC, pero trabajo en OC
- No vivo ni trabajo en OC, pero visito OC

2. Favor de clasificar las siguientes soluciones que le gustaría ver para fomentar los viajes sostenibles en su comunidad.

Califique del 1 al 6, siendo 1 la más útil y 6 la menos útil.

Mejor acceso para peatones, ciclistas y usuarios del transporte público. <i>Por ejemplo, carriles para bicicletas, banquetas, acceso para sillas de ruedas y carritos, autobuses adaptados para bicicletas y señalización multilingüe.</i>
Calles más seguras para caminar y andar en bicicleta <i>Por ejemplo, pintura de alta visibilidad para cruces de peatones y carriles para bicicletas, zonas especiales para peatones y exclusivas para bicicletas y carriles para bicicletas protegidas.</i>
Promover políticas que apoyen el transporte sostenible <i>Por ejemplo, nuevos desarrollos cerca del transporte público, aplicaciones para planear viajes fáciles de usar y centros de transporte para autobuses, trenes y viajes compartidos.</i>
Programas de pasajeros locales para distritos comerciales o instituciones importantes <i>Por ejemplo, trabajo remoto, horarios de trabajo flexibles y servicios de vehículo compartido, camioneta compartida, y viajes compartidos organizados localmente.</i>
Conectividad mejorada al transporte <i>Por ejemplo, servicios de enlace, bicicletas compartidas y servicios de vinculación para vehículos compartidos.</i>
Costos de viaje reducidos <i>Por ejemplo, pases de transporte público gratuitos o con descuento, incentivos proporcionados por el empleador y programas de recompensa para usuarios frecuentes del transporte público.</i>

3. ¿Tiene algún comentario adicional?

¡Gracias por su aportación! Cuéntenos un poco sobre usted.

4. ¿Cuál es el código postal de su domicilio? *

5. ¿Cuál es su código postal de su trabajo? *

6. ¿Cuál es su rango de edad?

- Menor de 20 años
- 20-35
- 36-50
- 51-65
- 66 años o más
- Prefiero no responder

7. ¿Cuál es su ingreso familiar anual combinado?

- Menos de \$30,000
- \$30,000 – \$49,000
- \$50,000 – \$79,000
- \$80,000 – \$99,000
- \$100,000 – \$149,000
- \$150,000 o más
- Prefiero no responder

8. ¿A qué grupo étnico considere que forma parte de o se siente más cercano a?

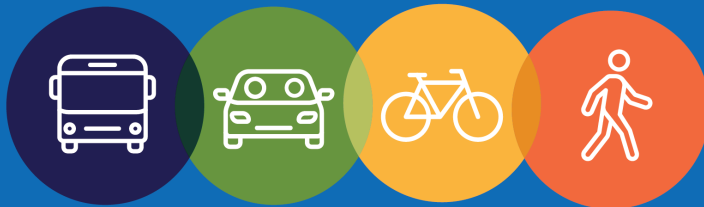
- Caucásico/Blanco
- Latino/Hispano
- Afroamericano/Negro
- Indio Americano o Nativo de Alaska
- Asiático - Coreano, Japonés, Chino, Vietnamita, Filipino u otro
- Isleño del Pacífico
- Mediorienta
- Herencia Mixta
- Prefiero no responder
- Otro: _____

9. Ingrese su correo electrónico a continuación para recibir actualizaciones del proyecto e invitaciones a reuniones y para participar en un sorteo para tener la oportunidad de ganar una de las dos tarjetas de regalo de \$50. NO SE REQUIERE NINGUNA COMPRA O PAGO PARA GANAR. Vea las reglas oficiales en octa.net/TDM.

Si no tiene un correo electrónico, puede ingresar su número de teléfono en la siguiente pregunta.

10. Ingrese su número de teléfono a continuación.

¡Gracias por su participación!



CẢI THIỆN KHẢ NĂNG DI CHUYỂN BẰNG CÁC LỰA CHỌN ĐI LẠI THAY THẾ

Khảo Sát Chiến Lược Giao Thông OCTA

Cơ Quan Quản Lý Giao Thông Vận Tải Quận Cam (OCTA) tiếp tục cung cấp các phương thức để giúp quý vị sử dụng các phương tiện giao thông bền vững một cách dễ dàng hơn. Sử dụng phương tiện công cộng, đi chung xe, đi xe tải nhỏ chung, làm việc từ xa, đi bộ và đi xe đạp đều có thể giúp giảm kẹt xe và ô nhiễm.

Ý kiến của quý vị rất quan trọng! Hãy cho chúng tôi biết những giải pháp giao thông nào quý vị muốn thấy trong cộng đồng để giúp các lựa chọn giao thông thân thiện với môi trường trở nên hấp dẫn hơn.

Chỉ tốn ba phút tham gia khảo sát để có cơ hội trúng một trong hai thẻ quà tặng trị giá \$50!
KHÔNG CẦN MUA HÀNG HOẶC THANH TOÁN ĐỂ TRÚNG GIẢI. Xem quy định tại octa.net/TDM.

1. Quý vị có mối liên hệ gì với Quận Cam?*

- Tôi sống và làm việc ở Quận Cam
- Tôi sống ở Quận Cam, nhưng làm việc ngoài Quận Cam
- Tôi sống ngoài Quận Cam, nhưng làm việc ở Quận Cam
- Tôi không sống hay làm việc ở Quận Cam, nhưng có ghé Quận Cam

2. Vui lòng xếp hạng các giải pháp sau mà quý vị muốn thấy để khuyến khích việc đi lại bền vững trong cộng đồng.*

Xếp hạng từ 1 đến 6, với 1 là hữu ích nhất và 6 là ít hữu ích nhất:

Cải thiện khả năng tiếp cận cho người đi bộ, người đi xe đạp và người sử dụng phương tiện công cộng <i>Ví dụ: làn xe đạp, vỉa hè, lối đi cho xe lăn và xe đẩy, xe buýt thân thiện với xe đạp, và biển báo đa ngôn ngữ.</i>
Đường phố an toàn hơn cho việc đi bộ và đi xe đạp <i>Ví dụ: sơn tôn tạo độ nổi bật cho vạch qua đường và làn xe đạp, khu vực dành riêng cho người đi bộ và xe đạp, và làn xe đạp được bảo vệ.</i>
Khuyến khích các chính sách hỗ trợ giao thông bền vững <i>Ví dụ: các phát triển mới gần phương tiện công cộng, ứng dụng lập kế hoạch chuyến đi thân thiện với người sử dụng, và các điểm chuyển cho xe buýt, tàu hỏa và dịch vụ chia sẻ xe.</i>
Các chương trình đi lại địa phương cho khu vực kinh doanh hoặc các tổ chức lớn <i>Ví dụ: làm việc từ xa, lịch làm việc linh hoạt, và các dịch vụ đi chung xe, đi chung xe tải nhỏ, và chia sẻ xe được tổ chức tại địa phương.</i>
Cải thiện khả năng kết nối với phương tiện công cộng <i>Ví dụ: xe buýt đưa đón tại địa phương, chia sẻ xe đạp, và dịch vụ kết nối đi chung xe.</i>
Giảm chi phí di chuyển <i>Ví dụ: thẻ giao thông miễn phí hoặc giảm giá, ưu đãi từ nhà tuyển dụng, và các chương trình điểm thưởng cho người sử dụng phương tiện công cộng thường xuyên.</i>

3. Quý vị có ý kiến đóng góp thêm nào không?

Cảm ơn quý vị đã đóng góp ý kiến! Xin vui lòng cho chúng tôi biết một chút về quý vị.

4. Mã vùng tại nhà quý vị là gì?*

5. Mã vùng tại chỗ làm quý vị là gì? *

6. Quý vị thuộc nhóm tuổi nào?

- Dưới 20 tuổi
 20-35 tuổi
 36-50 tuổi
 51-65 tuổi
 66 tuổi trở lên
 Không muốn trả lời

7. Thu nhập hộ gia đình hàng năm của quý vị bao nhiêu?

- Dưới \$30,000
 \$30,000 – \$49,000
 \$50,000 – \$79,000
 \$80,000 – \$99,000
 \$100,000 – \$149,000
 \$150,000 trở lên
 Không muốn trả lời

8. Quý vị tự cho mình thuộc nhóm dân tộc nào hoặc cảm thấy gần gũi nhất với nhóm dân tộc nào?

- Người da trắng
 Người Gốc Latin/Tây Ban Nha
 Người da đen/Người Mỹ gốc Phi
 Người bản địa Mỹ hoặc Người bản địa Alaska
 Người Á - Hàn, Nhật, Trung, Việt, Phi hoặc gốc người Á khác
 Người sống ở các đảo Thái Bình Dương
 Người Trung Đông
 Dân tộc lai
 Không muốn trả lời
 Nhóm khác: _____

9. Đăng nhập email của quý vị dưới đây để nhận cập nhật dự án và lời mời tham gia cuộc họp và có cơ hội nhận một trong hai thẻ quà tặng trị giá \$50. KHÔNG CẦN MUA HÀNG HOẶC THANH TOÁN ĐỂ TRÚNG GIẢI. Xem quy định chính thức tại octa.net/TDM.

Nếu quý vị không có email, quý vị có thể nhập số điện thoại trong câu hỏi tiếp theo.

Nhập số điện thoại của quý vị dưới đây.

Cảm ơn quý vị đã tham gia!

Appendix C: Table of Respondent Zip Codes

OC City	Count per OC City	Percentage of OC Cities
Aliso Viejo	21	1.77%
Anaheim	124	10.45%
Brea	15	1.26%
Buena Park	23	1.94%
Capistrano Beach	1	0.08%
Costa Mesa	36	3.03%
Coto de Caza	0	0.00%
Cypress	13	1.10%
Dana Point	4	0.34%
East Irvine	0	0.00%
Foothill Ranch	5	0.42%
Fountain Valley	14	1.18%
Fullerton	63	5.31%
Garden Grove	67	5.64%
Huntington Beach	41	3.45%
Irvine	126	10.61%
La Habra	26	2.19%
La Palma	0	0.00%
Ladera Ranch	4	0.34%
Laguna Beach	3	0.25%
Laguna Hills	28	2.36%
Laguna Niguel	27	2.27%
Laguna Woods	9	0.76%
Lake Forest	11	0.93%
Los Alamitos	14	1.18%
Midway City	1	0.08%
Mission Viejo	13	1.10%
Newport Beach	12	1.01%
Newport Coast	3	0.25%
Orange	51	4.30%
Placentia	23	1.94%
Rancho Santa Margarita	2	0.17%
San Clemente	8	0.67%
San Juan Capistrano	12	1.01%
Santa Ana	255	21.48%
Seal Beach	7	0.59%
Silverado	2	0.17%
Stanton	18	1.52%
Sunset Beach	1	0.08%
Trabuco Canyon	1	0.08%
Tustin	40	3.37%
Villa Park	1	0.08%
Westminster	20	1.68%
Yorba Linda	42	3.54%
Grand Total	1187	100.0%

TOTAL ZIP CODES RECEIVED =	1402
TOTAL OC ZIP CODES RECEIVED =	1187
PERCENTAGE OF RECEIVED THAT ARE OC =	84.66%

OC Zip Code	OC City	Count
90620	Buena Park	12
90621	Buena Park	10
90624	Buena Park	1
90630	Cypress	13
90631	La Habra	26
90680	Stanton	18
90720	Los Alamitos	14
90740	Seal Beach	7
90742	Sunset Beach	1
92602	Irvine	11
92603	Irvine	10
92604	Irvine	15
92606	Irvine	8
92607	Laguna Niguel	1
92610	Foothill Ranch	5
92612	Irvine	13
92614	Irvine	12
92615	Huntington Beach	1
92616	Irvine	1
92617	Irvine	10
92618	Irvine	24
92620	Irvine	20
92623	Irvine	1
92624	Capistrano Beach	1
92626	Costa Mesa	12
92627	Costa Mesa	22
92628	Costa Mesa	2
92629	Dana Point	4
92630	Lake Forest	11
92637	Laguna Woods	9
92646	Huntington Beach	14
92647	Huntington Beach	9
92648	Huntington Beach	15
92649	Huntington Beach	2
92651	Laguna Beach	3
92653	Laguna Hills	28
92655	Midway City	1
92656	Aliso Viejo	21
92657	Newport Coast	3
92660	Newport Beach	7
92663	Newport Beach	5
92672	San Clemente	6
92673	San Clemente	1
92674	San Clemente	1
92675	San Juan Capistrano	12
92676	Silverado	2
92677	Laguna Niguel	26
92679	Trabuco Canyon	1
92683	Westminster	20
92688	Rancho Santa Margarita	2

OC Zip Code	OC City	Count
92690	Mission Viejo	1
92691	Mission Viejo	7
92692	Mission Viejo	5
92694	Ladera Ranch	4
92697	Irvine	1
92701	Santa Ana	62
92702	Santa Ana	4
92703	Santa Ana	37
92704	Santa Ana	63
92705	Santa Ana	23
92706	Santa Ana	25
92707	Santa Ana	41
92708	Fountain Valley	14
92780	Tustin	27
92781	Tustin	1
92782	Tustin	12
92800	Anaheim	1
92801	Anaheim	23
92802	Anaheim	16
92803	Anaheim	1
92804	Anaheim	18
92805	Anaheim	35
92806	Anaheim	14
92807	Anaheim	13
92808	Anaheim	2
92821	Brea	11
92823	Brea	4
92825	Anaheim	1
92831	Fullerton	20
92832	Fullerton	22
92833	Fullerton	16
92835	Fullerton	5
92840	Garden Grove	17
92841	Garden Grove	11
92843	Garden Grove	11
92844	Garden Grove	12
92845	Garden Grove	15
92848	Garden Grove	1
92856	Orange	1
92861	Villa Park	1
92865	Orange	6
92866	Orange	10
92867	Orange	7
92868	Orange	11
92869	Orange	16
92870	Placentia	23
92886	Yorba Linda	28
92887	Yorba Linda	14

TOTAL OC ZIP CODES COLLECTED: 1187