



ORANGE COUNTY
COUNCIL OF GOVERNMENTS
Technical Advisory Committee

Meeting Date / Location

Tuesday, November 2, 2021
9:30 A.M. – 12:00 P.M.

Meeting Link:

https://teams.microsoft.com//meetup-join/19%3ameeting_NmY4N2FmNTQtODk4MC00ZGIZLWEyYzItNjU2ODZmMDNiMml2%40thead.v2/0?context=%7b%22Tid%22%3a%2247feb367-af81-4519-94d7-caab1dfa1872%22%2c%22Oid%22%3a%22a2e04a02-2df2-4f7f-8724-377325b47e13%22%7d

Or call in (audio only)

+1 949-522-6403,,650103999# United States, Irvine
Phone Conference ID: 650 103 999#

Agenda Item

Staff

Page

INTRODUCTIONS

(Chair Farnsworth, City of Yorba Linda)

PUBLIC COMMENTS

(Chair Farnsworth)

The agenda descriptions are intended to give members of the public a general summary of items of business to be transacted or discussed. The posting of the recommended actions does not include what action will be taken. The Technical Advisory Committee may take any action which it deems appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

At this time members of the public may address the TAC regarding any items within the subject matter jurisdiction, which are not separately listed on this agenda. Members of the public will have an opportunity to speak on agenda items at the time the item is called for discussion. NO action may be taken on items not listed on the agenda unless authorized by law. Comments shall be limited to three minutes per person and an overall time limit of twenty minutes for the Public Comments portion of the agenda.

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ADMINISTRATION

1. **OCCOG TAC Meeting Minutes** (Chair Farnsworth) TAC 3
- Draft OCCOG TAC minutes for the October 5, 2021 meeting

Recommended Action: Approve OCCOG TAC minutes for the October 5, 2021 meeting, as presented or amended

PRESENTATIONS, DISCUSSION AND ACTION ITEMS, REPORTS

- | | | | |
|----|---|---|--------|
| 2. | Comprehensive Geospatial Planning Solution and Site Visualization Services | (Tara Lakes, WSP)
15 minutes | TAC 9 |
| | <i><u>Recommended Action:</u></i> Receive report. | | |
| 3. | REAP Updates | (Executive Director Marnie Primmer) 15 minutes | TAC 10 |
| | <i><u>Recommended Action:</u></i> Receive report. | | |
| 4. | Center of Demographic and Research Update | (Deborah Diep, Center for Demographic Research (CDR))
15 minutes | TAC 16 |
| | <i><u>Recommended Action:</u></i> Receive report. | | |

REPORT FROM CHAIR/VICE CHAIR

REPORT FROM THE OCCOG EXECUTIVE DIRECTOR

MATTERS FROM OCCOG TAC MEMBERS

ANNOUNCEMENTS FROM NON-MEMBERS

ITEMS FOR NEXT MEETING

IMPORTANT DATES OR UPCOMING EVENTS

November 3, 2021 – Executive Administration Committee from 3:00pm-4:00pm

November 4, 2021 – CEHD Meeting from 9:30am to 11:30am
Regional Council Meeting from 12:30pm to 2:00pm

November 17, 2021 – OCCOG General Assembly at the Disney Grand Californian Hotel & Spa

Adjourn to: DECEMBER 7, 2021



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COUNCIL OF GOVERNMENTS
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Adjourn to: DECEMBER 7, 2021



AGENDA ITEM # 1

Minutes

Draft Action Minutes

The Orange County Council of Governments Technical Advisory Committee (OCCOG TAC) meeting of October 5, 2021, was called to order at 9:30 am by Chair Nate Farnsworth, City of Yorba Linda. The meeting was held through video and telephone conferencing.

PUBLIC COMMENT:

There were no public comments at this time.

ADMINISTRATION

1. OCCOG TAC Meeting Minutes

The OCCOG meeting minutes of September 7, 2021 were unanimously approved by the TAC as moved by Jennifer Savage, City of San Clemente, and second by Ron Santos, City of Lake Forest.

PRESENTATIONS, DISCUSSION AND ACTION ITEMS, REPORTS

2. HCD's Draft Regional Technical Assistance Plan for OCCOG

The California Department of Housing and Community Development (HCD) staff presented the Technical Assistance (TA) Plan for the OCCOG region.

3. Center for Demographic Research

Ms. Deborah Diep, Director of Center for Demographic and Research, gave an update on the 2021 Housing Inventory System (HIS) Data Collection, 2020 Census, OCP-2022 & 2024 SCAG RTP/SCS Timeline Update, and OCDAP and Building Footprints.

2021 Housing Inventory System (HIS) Data Collection

The deadline for the January 1–June 30, 2021 HIS data was Friday, July 23, 2021. Some cities have not yet submitted data as of 9/28/21.

The data should be submitted to CDR using the 2020 HIS form located at <http://www.fullerton.edu/cdr/HISform.xls>



2020 Census, OCP-2022 & 2024 SCAG RTP/SCS Timeline Update

Due to the nearly 5-month delay in the release of the 2020 Census data, the draft timeline for jurisdiction review of the draft 2022 Orange County Projections (OCP-2022) data has been modified. In recent iterations, the review of the base year data has been done separately and prior to the review of the projections data. The next step is to incorporate these into the county-level control totals and small-area estimates and projections. It is currently expected that the jurisdictions' TAZ-level review of the 2019 base year data and the disaggregation of 2020 Census population and housing counts to the new 2021 traffic analysis zones (TAZs) will be combined with the review of the projections data in approximately March-April 2022.

OCDAP and Building Footprints

The OCDAP Cycle 1 deliverables have arrived. This involves building footprints corresponding to the 2020 aerial imagery for Cycle 1. CDR and other participating agencies are interested to know if any agencies have developed or are developing point data that can be associated with building footprints, primarily dwelling units by type and number of units. Agencies involved are attempting to avoid duplication of efforts and would like to share information if possible.

Cycle 2 for the term of 2022-2024 is under development. An RFP is expected to go out this fall and estimated costs for Cycle 2 should be ready by the end of 2021. Cycle 2 imagery is planned to be collected in summer 2022.

4. OC Mobility Hubs Strategy

Mr. Warren Whiteaker, OCTA, gave a presentation on the OC Mobility Hubs Strategy. The Orange County Mobility Hub Study will explore how mobility hubs might benefit Orange County residents and visitors, how they could be planned and designed, and identify a potential network of locations. This strategy serves as an opportunity to improve connectivity and increase sustainable transportation options throughout the county while addressing traffic congestion and pollution caused by vehicle emissions.

A Study Fact Sheet is attached to the agenda packet.

5. Senate Bill 9 and 10

Chair Farnsworth gave an update on Senate Bill 9 and 10. Senate Bill 9 will essentially allow a property owner by right to split a single-family zoned lot into two lots and/or place up to two housing units on a single-family zoned lot. These new regulations, effective January 1, 2022, must meet the following criteria for a lot split:

- 1) The parcel must be located in a single-family residential zone;



- 2) The two new parcels must be relatively equal in size (60%/40% maximum split);
- 3) The two new parcels must be no smaller than 1,200 square feet; and
- 4) The property owner must occupy one of the housing units created by the lot split for a minimum of three years.

SB 10 creates a voluntary process for local agencies to adopt an ordinance to zone any parcel for up to 10 units of residential density per parcel, at a height specified in the ordinance, if the parcel is located in either a transit-rich area or an urban infill site. The ordinance would be exempt from CEQA and must contain certain specified findings. In addition, the ordinance may supersede a zoning restriction established by a local initiative, if it is approved by a 2/3 vote of the members of the legislative body. The bill will sunset on January 1, 2029.

6. AB 1398 and AB 215

Chair Farnsworth updated the TAC members about AB 1398 and 215. Both bills were recently signed by the Governor and impact Housing Element deadlines.

Prior to AB 1398, jurisdictions that did not adopt a Housing Element by Feb. 11, 2022 were required to develop a housing element every four years instead of eight. AB 1398 has removed the requirement for a four-year housing element regardless of when a housing element is adopted by a jurisdiction.

However, jurisdictions that do not have an adopted Housing Element found to be in substantial compliance by HCD by Feb 11, 2022, must complete all necessary rezoning within one year of the housing element due date. This means that jurisdictions that do not adopt a compliant housing element by that date must complete all rezoning by Oct. 15, 2022

AB 215 would require a local government to make the first draft revision of a housing element available for public comment for at least 30 days and, if any comments are received, take at least 10 additional business days to consider and incorporate public comments into the draft revision before submitting it to HCD. This bill would also require HCD to review the draft and report its written findings to the planning agency within **90 days** of receiving the first draft submittal for each housing element revision or within 60 days of its receipt for a subsequent draft amendment or adoption. This 40-day public comment review and 90-day HCD review will apply to any Housing Elements submitted after January 1, 2022.

7. REAP Update

Executive Primmer gave an update on REAP activities.

Action: Received Report. Discussion.



REPORT FROM CHAIR/VICE CHAIR

There were no items to report from the Chair/Vice Chair.

THE EXECUTIVE DIRECTOR

There were no items to report from the Executive Director.

MATTERS FROM OCCOG TAC MEMBERS

There were no items to report from OCCOG TAC Members.

ANNOUNCEMENTS FROM OCCOG TAC NON-MEMBERS

There were no items to report from non-OCCOG TAC Members.

ITEMS FOR NEXT MEETING

There were no items discussed for next meeting.

IMPORTANT DATES OR UPCOMING EVENTS

There were no dates or upcoming events announced.

ADJOURNMENT

The meeting was adjourned by Chair Farnsworth until Tuesday, November 2, 2021 via video and teleconferencing.

Submitted by:

Justin Equina, City of Irvine
OCCOG TAC Vice Chair



Attendees:

Name	Agency
Belinda Deines	Dana Point
Brian James	Fountain Valley
Chad Ortlieb	Orange
Charles Guiam	Anaheim
Chris Chung	Garden Grove
Chris Wright	San Clemente
David Lopez	La Habra
Deborah Diep	CDR
Derek Bingham	Rancho Santa Margarita
Erica Demkowicz	Tustin
Erich List	Laguna Niguel
Estefany Franco	
Jaime Murillo	Newport Beach
Jay Wu	Laguna Hills
Jennifer Ash	Stanton
Jennifer Mansur	Lake Forest
Jennifer Savage	San Clemente
Jennifer Ward	OCBC
Jimmy Dao	Brea
Jonathan Hughes	SCAG
Joanna Chang	County of Orange
Juan Arauz	Brea
Justin Arios	Costa Mesa
Maribeth Tinio	Fullerton
Marika Poynter	Irvine
Matt Jenkins	Fountain Valley
Melanie McCann	Santa Ana
Minoo Ashabi	Costa Mesa
Nate Farnsworth	Yorba Linda
Nicolle Aube	Huntington Beach
Paige Montojo	Stanton
Ricardo Soto	Santa Ana
Roland Ok	SCAG
Ron Santos	Lake Forest
Rose Rivera	Aliso Viejo
Roy Ramsland	La Habra
Ruby Zaman	CDR
Sam Hiebert	Placentia
Scott Hutter	La Palma
So Kim	
Steve Dague	Yorba Linda
Swati Meshram	Buena Park



Technical Advisory Committee November 2, 2021

Orange County Council of Governments

Tom Oliver	Los Alamitos
Travis Wellis	Stanton
Virginia Gomez	TCA
Warren Whiteaker	OCTA
Wendy Starks	Rancho Santa Margarita

Comprehensive Geospatial Planning Solution and Site Visualization Services

OCCOG’s Comprehensive Geospatial Planning Solution and Site Visualization Services will provide technology solutions designed to support member jurisdictions with streamlining and advancing housing elements and other land use initiatives.

This countywide suite of geospatially enabled solutions grounded in ArcGIS, will allow jurisdictions to:

- ★ Access a repository of baseline datasets to support in identifying sites and development constraints.
- ★ Streamline the process for selecting sites based on customizable indicators and performance metrics.
- ★ Develop 3D models to conceptualize development capacity.
- ★ Streamline the yearly reporting process to meet HCD’s requirements.
- ★ Create visual simulations to envision proposed redevelopment for any applicable project.
- ★ Attend live web-based training sessions to learn how to use these tools effectively and maximize their value.

Work Sessions

Jurisdictions will be engaged for a brief work session to inform the development of each agency’s ArcGIS Urban and 3D site animated visualizations. These work sessions will allow agencies to provide input that will help inform the development of visualizations. Input will include but is not limited to understanding the site context, site features, and general intent/takeaway.

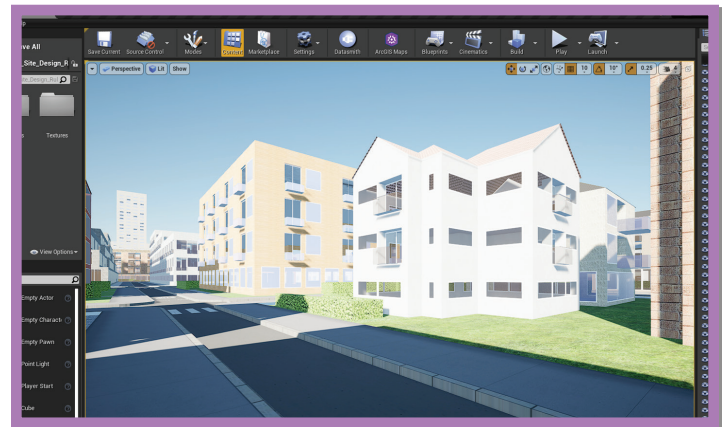
Request a License

All OCCOG member jurisdictions will be provided a suite of Esri licenses to support planning work and build technological capacity in the region. To request access to this software, please complete the license request survey using the link below.

<https://arcg.is/GmPzL>



Scenario and metrics comparison example



Unreal Engine high fidelity 3D model example

Professional Advisement Services

Professional advisement services will be provided to further support jurisdictions with developing visual materials and conducting outreach efforts. These consulting services will ensure successful housing production discussions and projects and include:

- ★ Local, regional, and state housing policy
- ★ Planning consultation
- ★ Public and community stakeholder outreach and engagement
- ★ Engagement of the real estate development community in dialogue to ensure successful housing production discussions and projects





AGENDA ITEM #12

Regional Early Action Planning (REAP) Subregional Partners Program Grant Update

STAFF RECOMMENDATION

Approve Memorandum of Understanding (MOU) with the Gateway Cities Council of Government (GCCOG) and Ventura County Council of Governments (VCCOG) for Scope of Work related to accessory dwelling unit (ADU) support, housing website, and model ordinance development.

SUMMARY

OCCOG is receiving \$3.245M in suballocated funds from the Southern California Association of Governments (SCAG) as part of the Subregional Partners Program of the Regional Early Action Planning (REAP) Grant Program. The Board has previously approved a program of projects to support our member jurisdictions in developing their housing elements and completing other planning activities related to increasing the amount of housing that is able to be built in Southern California. Staff is providing an update today on the progress of these projects and asking for approval to enter into a Memorandum of Understanding (MOU) with two subregional councils of governments, the Gateway Cities Council of Government (GCCOG) and Ventura County Council of Governments (VCCOG) to complete a specified scope of work related to ADU production, model ordinance development, and completion of the housing website.

OCCOG anticipates that there will be some ability to reallocate funds from previous REAP list of projects due to partnering with VCCOG and GCCOG. Additionally, OCCOG has been informed that SCAG will be making an additional 5% of funds already allocated available to the subregions for the Subregional Partners Program. This translates to an additional \$162,000 for the OCCOG region. Staff will be working with the TAC on identifying uses for the funding and returning to the Board in January to modify our list of projects to submit to SCAG for use of the additional funding.

BACKGROUND

OCCOG has four projects that we submitted with our application for the REAP program. Two projects are supporting the Orange County Housing Trust and Orange County Housing Finance Trust. OCCOG will provide an update on those projects next month. Today's update will focus on the two projects we are managing directly.

Geospatial Planning Solutions and 3-D Site Visualization

- Work on this project is ongoing, WSP and Esri providing these services



- Conducting biweekly progress meetings with WSP, Esri and OCCOG team
- 3-D Site visualization services are available anytime until June 2023.
- Reminder: Each jurisdiction receives a custom 3-D site visualization using Unreal Engine AND training for staff to use the “self-serve” site visualization tool, with license that is provided via this contract.
- Consultant team wrapping up the customized “Orange County-specific” elements of the site visualizations.
- Training to begin in early December; two 4-hour training sessions.
- Each jurisdiction receives Esri license. Half of OCCOG members have currently claimed their license. Consultant team is working with remaining jurisdictions to identify staff for the license.
- Presentation to OCCOG General Assembly

Housing Production Planning Activities

- Includes housing video series, ADU How-To Toolkit, Housing OC website, pre-approved plans and specifications, on-call staff augmentation, and model ordinance development
- OCCOG is handling the housing video production, ADU how-to Toolkit and website design and development with our contract staff
 - One housing video, with Spanish translation released per month.
 - Available to OCCOG jurisdictions for their use via OCCOG website.
 - Includes snackable content for social media.
 - 5 videos released so far, with a 6th video in production.
- Initial plan for pre-approved ADU plans and specifications was modified based on feedback from OCCOG jurisdictions
 - Moved away from procuring consultant for developing plans and specs
 - Instead, provide a clearinghouse for plans/specs already available
 - Work with building departments on securing approvals for plans and specs already procured via SCAG and other jurisdictions.
 - Interactive data-driven website that will enable property owners to see what plans are available at their address. Checklist that will help simplify the ADU permitting process.
 - Vendor portal/marketplace that will include financing, contractors, designers/architects.
- We are in discussions with Ventura County Council of Governments and Gateway Cities Council of Governments who were each planning similar projects to OCCOG’s planned project
 - Jointly work together on a new approach to ADU pre-approved plans and specifications, a housing resource website and model ordinance development.



- Board being given the “guts” of the MOU and Scope of Work for review and approval, Fred will finalize as to form.
- Each COG will bring REAP funding to the table. Each Board will approve the MOU.
- Opportunity for already-budgeted OCCOG staff time to be funded in part by contributions from the partners, allowing us to stretch our REAP dollars further.
- SCAG to provide access to their already procured bench of consultants to shorten procurement time and provide invoicing support, easing some administrative burden on OCCOG. Will be offset by some of our REAP funds being used for administration.
- Scope will now include the model ordinance development as that can also be used across the region and will have a cost savings by pooling resources.

Next Steps

- VCCOG and GCCOG Boards will review and approve the MOU and Scope of Work
- OCCOG will release RFP for consultant services, and return to Board for approval in March 2022
- OCCOG Staff is working on an RFP for on-call consultant resources to support member jurisdictions to be released in January 2022
- OCCOG Staff will invite OCHFT and OCHT to provide an update to the OCCOG Board on their REAP-funded activities in early 2022
- OCCOG Staff will return to the Board in January 2022 with recommended changes to the REAP project list based upon cost savings from the joint VCCOG-GCCOG-OCCOG project and the added 5% funding from SCAG.

ATTACHMENTS

- A. Proposed MOU terms
- B. Proposed Scope of Work and Timeline

STAFF CONTACT

Marnie O. Primmer
OCCOG Executive Director
(949)216-5288
marnie@occog.com



ATTACHMENT A Draft MOU terms

OCCOG will:

- Provide up to \$100,000 in funding
- Provide contract staff to manage the project
- Provide contract staff to design: the website, infographics, logos, complementary printed assets for use by jurisdictions (not including printing costs), presentation(s), social media posts, etc.
- Provide contract staff to develop content for: the website and ADU How-To materials including FAQs, checklist(s), presentation(s), handouts/brochures, social media posts, etc.
- Procure consultant for the following scope, see Attachment B
- Prepare monthly invoices for SCAG approval and payment
- Prepare quarterly reports for the project for SCAG approval
- Prepare annual reports for the project
- Timely payment of invoices to vendor(s)

VCOG will

- Provide up to \$50,000 in funding
- Provide point of contact/ project manager for your organization
- Assist with the development of the Scope of Work
- Provide a representative for the selection committee
- Provide a representative for regular project progress meetings
- Participate in stakeholder outreach/focus groups; identify any stakeholders that need to participate from your COG or subregion; provide contact information for jurisdictions
- Participate in beta testing of the site
- Provide comments during editing of ADU How-To and website tools
- Review and approve monthly, quarterly, and annual reporting

GCCOG will:

- Provide up to \$94,000 in funding
- Provide point of contact/ project manager for your organization
- Assist with the development of the Scope of Work
- Provide a representative for the selection committee
- Provide a representative for regular project progress meetings
- Participate in stakeholder outreach/focus groups; identify any stakeholders that need to participate from your COG or subregion provide contact information for jurisdictions
- Participate in beta testing of the site
- Provide comments during editing of ADU How-To and website tools
- Review and approve monthly, quarterly, and annual reporting

All:

- Adherence to SCAG REAP requirements



Attachment B Proposed Scope of Work and Timeline

OCCOG Contract Staff will be responsible for the following:

- Secure the website domain(s) and ISP
- Design a mobile-friendly responsive website, including applicable logo and branding
- Design public facing ADU How-To Tool Kit including: customizable checklists, brochures/handouts, presentation, social media posts
- Provide content for website and toolkit including FAQs for website, infographics, narrative etc.
- Work with Baird & Driscoll to secure access to Chan Zuckerberg-funded tool
- Incorporate the interactive Chan Zuckerberg-funded ADU calculator tool into the website
- Incorporate the property-specific tool developed by the consultant into the website
- Maintain the website for a term of 3 years, including monitoring SEO and metrics, report same to SCAG and/or HCD as required per REAP terms

Consultant will be responsible for the following:

- Conduct scoping meeting with partners and COG-identified stakeholders
- Develop a survey for COG jurisdictions, administer survey, provide and interpret results
- Conduct stakeholder outreach/ focus groups with COG jurisdictions
- Identify already-designed plans and specs that are to be listed on the site
- Secure rights to plans as needed, including payment if required
- Work with building departments in jurisdictions across the subregions to secure approval of use of those plans and specs
- Develop a database/ lookup tool that can be accessed via the website that will bring up ordinances, permitting requirements including covenants/agreements, specific plans and specs that can be used at that property and zoning rules for that property
- Develop a framework for an online vendor marketplace to be included on the website to include designers/architects/engineers, contractors, funding tools/ approaches, financial institutions
- Assist in identifying property owners to feature as case study or success stories on the website
- Provide Spanish translation for website or assist OCCOG to enable Spanish translation of the website
- Under direction from COG staff, develop of model ordinances for use by COG jurisdictions for at least the following:
 - ADUs
 - SB 9, 10
 - Motel Conversions
 - Up to 5 other housing production-related ordinances as directed by COG staff
- Additional services, as requested by participating COGs could include public outreach services
- Prepare monthly/quarterly/annual progress reports as required by REAP



Proposed Timeline:

October –December 2021 Approval of MOU and REAP Scope Change
January 3, 2022 Release RFP for response
February 1, 2022 RFP deadline
week of February 14-18, 2022 Interviews (if needed)
February- March 2022 Approval of selected consultant contract by respective Boards
March 2022 NTP
March 2022 Kickoff meeting with partners and key stakeholders
March-April 2022 Stakeholder meetings/focus groups
March-April 2022 Website framework developed
March- June 2022 Development of ADU How-To materials
March-October 2022 Consultant work: plans/specs; building department outreach and coordination;
development of interactive tool
August-September 2022 Website Beta developed
October 2022 Website testing



AGENDA ITEM # 4 Center for Demographic Research (CDR) Updates

STAFF RECOMMENDATION

Receive reports and discussion.

1. 2021 Housing Inventory System (HIS) Data Collection

The deadline for the January 1–June 30, 2021 HIS data was Friday, July 23, 2021.

The following cities have not submitted their data as of October 28, 2021:

- Fullerton
- Laguna Woods
- Seal Beach
- Westminster

Please submit data to CDR using the 2020 HIS form located at <http://www.fullerton.edu/cdr/HISform.xls>. Revisions to prior years may use either the new or old form. Please verify that the same data reported to CDR is also provided to DOF in their annual Housing Unit Change Survey. HIS submission forms were updated in 2020 to include additional sample entries, clarifications in the instructions, and an updated HIS unit flow chart to better explain how to record unit activity when attached ADUs are involved. This is similar to DOF's new housing survey flow chart DOF, but is tailored to CDR's 4 ADU types. An additional optional column was added "Building Permit Date Issued" to assist in compiling HIS, DOF and HCD APR data. For HIS questions, please contact Michelle Baehner, CDR's new Demographic Analyst at 657-278-3417 or mibaehner@fullerton.edu.

2. Orange County Progress Report – Top 5 Employers

CDR's annual Orange County Progress Report (OCPR) includes a list of the Top 5 employers in each jurisdiction (Attachment 1). For the last Progress Report (July 2020), the report utilized the 2019 data for the Top 5 employers instead of the 2020 information due to the COVID-19 pandemic, which caused employment numbers to change substantially in 2020.

To incorporate timely information from the 2020 Census, the OCPR report was intentionally delayed six months from late summer 2021 to early 2022. For the 2022 Orange County Progress Report's Top 5 employers, CDR will purchase a one-year license of the D&B Hoovers online marketing tool, which allows users to search their employer database by jurisdiction and by the number of employees on site. CDR will cross-reference the D&B Hoovers data with CDR's master employment file for OCP-2022, which contains the D&B January 2020 and December 2020 employers and CDR's 2021 government survey to ensure that employers with multiple sites within a jurisdiction will have their employee totals combined. The CDR did not complete the employer



survey of 100 or more employees on site in 2020 due to the pandemic and the lack of confirmation at the time of the base year for the 2024 RTP/SCS.

CDR will reach out via email to all 35 Orange County jurisdictions in late November 2021 to verify their updated Top 5 Employers information. The top 5 major employers list by jurisdiction factors in the aggregated number of employees for all sites for a single employer within a jurisdiction, not just the single site location's number of employees. The citations within the Progress Report will reflect the various sources ultimately used to compile and verify the data. Jurisdictions will have about a week to verify the data.

3. 2020 Census

The CDR has packaged and published the 2020 Census Public Law 94-171 Redistricting Data files at <http://www.fullerton.edu/cdr/demographics/census2020.aspx>. The data is also available online at data.census.gov.

CDR has also published a 2010-2020 Census decadal change document with city-level data and variables contained in the P.L. dataset. The document is attached to this report (Attachment 2) and also published at

http://www.fullerton.edu/cdr/_resources/pdf/census/Census2020_OC_change.pdf.

For redistricting purposes, cities and counties should use the Statewide Database's adjusted P.L. Redistricting files, which contain the adjusted population with the redistribution of the incarcerated population to their last known California address. The adjusted Citizen Voting Age Population has also been disaggregated to the 2020 Census block level. These are posted and can be accessed via click-through links at <https://statewidedatabase.org/redistricting2021/>.

4. Orange County Data Acquisition Partnership (OCDAP)

Data sharing: The County of Orange hosts an Open GIS data site that includes several new useful layers produced from remote sensing images and Lidar (Attachment 3). One includes a countywide coverage of trees derived from 2011 Lidar along with the species: palm, jacaranda, and eucalyptus. With the intention of including Lidar in OCDAP Cycle 2, these and other data points would be updated based on 2022 imagery/Lidar. Attachment 3 includes a brief overview of the new GIS datasets.

County Open GIS <https://data-ocpw.opendata.arcgis.com/>

Search for "trees" and they have some species as well (palm, jacaranda, eucalyptus)-
<https://data-ocpw.opendata.arcgis.com/search?q=tree>

Contact: Yan Li, GIS Specialist, OC Survey, OC Public Works, 714-967-0853

Yan.Li@ocpw.ocgov.com



STAFF REPORT November 2, 2021

Orange County Council of Governments

Data update: waiting for SCAG to clear the building footprints, which is the last deliverable for Cycle 1.

Cycle 2 for the term of ~ July 2022-June 2024 is under development. An RFP is expected to go out by the end of 2021 and estimated costs for Cycle 2 will be shared once available. Cycle 2 imagery is planned to be collected in summer 2022.

Expected deliverables for Cycle 2 include:

- 3” aerial/ortho imagery with infrared for all Orange County (tif, ecw...) flown in summer 2022
- Building Footprints benchmarked to the 2022 aerial imagery
- Ability to download and retain local copies of above data to use in GIS and/or CAD systems software
- Vendor-hosted online software application for unlimited non-GIS users to view data listed above and perform data analysis
- Training for all participants
- One price for two years’ worth of access
- LiDAR (Light Detection and Ranging)— a remote sensing method used to examine the surface of the Earth
- Contours

For interest in Cycle 1 participation, please contact Javier Aguilar, SCAG aguilar@scag.ca.gov

For interest in Cycle 2 participation, please contact Deborah Diep, CDR ddiep@fullerton.edu to be added to the interest list.

Agency	Cycle 1 FY 2020/21-2021/22	Cycle 2 FY 2022/23-2023/24
City of Anaheim	Pending*	interested
City of Brea	Active	
City of Buena Park	Active	
City of Costa Mesa	Pending*	
City of Fountain Valley	Active	
City of Garden Grove	Active	
City of Irvine	Active	
City of Laguna Hills	Active	
City of Laguna Niguel	Active	interested
City of Lake Forest	Active	
City of Los Alamitos	Active	
City of Mission Viejo	Active	
City of Newport Beach	Active	
City of San Clemente	Active	
City of San Juan Capistrano	Active	



City of Santa Ana	Active	
City of Tustin	Active	
City of Westminster	Interested	
City of Yorba Linda	Active	Yes
County of Orange	No	Yes
Municipal Water District of Orange County	Active	Yes
Orange County Council of Governments	Active	Yes
Orange County Fire Authority	Active	Yes
Orange County Water District	Active	Yes
Southern California Association of Governments	Active	Yes

*Paid but Participation Agreement not received

5. OCP-2022 & 2024 SCAG RTP/SCS Timeline Update

CDR is currently working on the county control totals for the 2022 Orange County Projections (OCP-2022). County-level base year 2019 data has been drafted and CDR continues to disaggregate the 2020 Census population and housing counts to the new 2021 traffic analysis zones (TAZs). Monthly labor force information is included in Attachment 4 and Attachments 5-7 contain OCP & RTP milestones and timelines.

The draft timeline for the draft 2022 Orange County Projections (OCP-2022) data and jurisdiction review. Due to the delay of release of 2020 census data, the review of both the base year and projection year data will be combined into one effort for jurisdictions. The CDR has modified and extended the review timeline for jurisdictions to allow for more review time and will continue to monitor and modify the schedule as needed. The spring 2022 data review will include the 2020 Decennial Census data allocation to CDR geographies (and in preparation for CQR – Census Count Question Resolution program to correct census errors). Variables in the OCP-2022 spring 2022 review will include:

1. Base Year 2019 & 2020 Census verification:
 - a. 2020 Census Housing Unit Count
 - b. Net Housing Activity (HIS)
 - i. 7/1/2019-3/31/2020
 - ii. 4/1/2020-6/30/2021 (or 4/1/2020-12/31/2021 depending on release of data and submission by jurisdictions)
 - c. 7/1/2019
 - i. Total Dwelling/Housing Units
 - ii. Single Family Detached Housing Units
 - iii. All Other Housing Units
 - iv. Population
 - v. Resident (Household) Population
 - vi. Group Quarters Population
 - d. 2019 Employment (Total Jobs: wage & salary plus self-employed)



- i. Self-employed
2. Projection years 2025-2050 in five-year increments:
 - a. Total population
 - b. Housing units by type (SFD and all other)
 - c. Employment by type (retail, service, K-12 public schools, & other).

Below is the DRAFT OCP-2022 & SCAG 2024 RTP/SCS Schedule (subject to change):

1. *November 4, 2021: SCAG Policy Committee discussion on regional growth forecast draft totals*
2. Fall 2021- January 2022: OCP county control totals through OCP approval process
3. *November 18, 2021: SCAG Technical Working Group- tentative release of draft county-level growth forecast totals*
4. November-February 2021: Develop draft split TAZ OCP-2022 base year and projections data
5. *January 2022: SCAG release draft county-level projections to CEHD*
6. February 2022: Prep OCP-2022 base year, projections and 2020 Census verification packets
 - a. Split TAZ data, maps, Excel datasets and
 - b. CDR geographic reference web map will be posted online (geographies only, no data)
7. March 1, 2022: Tentative release of OCP base year and 2020 Census verification review packets at OCCOG TAC (in person?)
8. Tentative March 2022: OCP city meetings, release of draft OCP-2022 data for jurisdiction review (in person or virtual? May be pushed into April)
9. Spring 2022: Anticipated DOF release of decadal “smoothed” population data for 2010-2020
 - a. These will be folded into initial OCP county control totals if timing permits, and any subsequent revisions.
10. *May 2022: SCAG release draft growth visioning forecast to local jurisdictions for review*
11. May 2022- DOF release of E-5 January 1 population and housing estimates with 2020 Census benchmark
12. Tentative: ~end May 2022: OCP jurisdiction feedback due
 - a. Tentative pushing from end of April to end of May to provide more time for jurisdictions to review base year 2019 data, 2020 Census population and housing disaggregation, and OCP projections data in tandem with SCAG’s growth visioning dataset.
13. May-June 2022: Incorporate jurisdiction’s OCP feedback and finalize draft OCP-2022 for approval process
14. July-Sept/October 2022: Committee approvals of OCP to meet SCAG’s local input deadline in fall 2022 for 2024 RTP/SCS
15. *End October 2022: SCAG’s draft deadline for local jurisdictions’ feedback and comment on draft growth vision forecast and other data points.*

SCAG Growth Forecast

SCAG is currently developing their draft regional-level growth forecast, which is to be included in the November 4, 2021 Policy Committee agenda packets. Their forecast will then be disaggregated to the county level and then down to the jurisdiction and TAZ levels. At this time, there are no county-level numbers to review. Since SCAG is required to show that its RTP/SCS can



accommodate the 8-year RHNA determination, SCAG expects its 2024 RTP/SCS household projection (occupied housing units) to be a minimum of 1.3M households between 2019 and 2050. Though not yet decided, one of the possibilities SCAG is considering is that each county will be expected/assigned a household projection that equals at least their RHNA allocation. It is not known if the draft jurisdiction-level numbers would also reflect the full RHNA allocations or jurisdictions would be held to a minimum of their RHNA allocation within SCAG's growth forecast.

SCAG is also considering the development and release of their growth forecast/vision at the small-area/TAZ level that would achieve various outcomes—including meeting the GHG reduction targets, air quality metrics and other policy goals—early in the RTP/SCS process so that jurisdictions would be able to review and provide feedback on the draft growth vision starting in May 2022. CDR is working with SCAG staff to try and coordinate the review efforts of the OCP and SCAG's draft growth forecast so there is overlap and both datasets can be reviewed simultaneously. We will keep the TAC updated on the process and timeline.

As mentioned previously, CDR has drafted initial county-level totals for population, housing and employment and will review these in comparison to SCAG's draft regional and county-level forecasts once available.

CDR Attachments:

1. Orange County Progress Report - Top 5 employers
2. 2010-2020 Decadal Change by Orange County Jurisdiction
3. County of Orange New Datasets Produced from Remote Sensing Images and Lidar
4. 2019-2021 Monthly EDD Labor Force Data by Jurisdiction
5. OCP-2022 Process Chart
6. Draft OCP-2022 Timeline
7. Draft SCAG 2024 RTP/SCS Timeline

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For GIS:	Ms. Teresa Victoria, GIS Analyst, CDR 657/278-4670 tvictoria@fullerton.edu
For HIS:	Ms. Michelle Baehner, Demographic Analyst, CDR 657/278-3417 mibaehner@fullerton.edu

ORANGE COUNTY

ECONOMIC AND LABOR FORCE CHARACTERISTICS

TAXABLE SALES (1)

Type of Business	2017 Permits	Taxable Transactions (thousands)	2018 Permits	Taxable Transactions (thousands)	2019 Permits	Taxable Transactions (thousands)
Retail Stores:						
Apparel Stores	10,939	\$4,179,345	11,304	\$4,420,905	11,865	\$4,500,253
General Merchandise	2,665	\$4,718,176	2,751	\$5,424,321	2,858	\$5,560,725
Food Stores	2,767	\$2,399,937	2,861	\$2,460,590	2,883	\$2,483,665
Eating & Drinking Places	9,966	\$7,953,348	10,048	\$8,195,164	10,276	\$8,546,309
Home Furnishings & Appliances	4,917	\$3,074,289	5,054	\$3,037,974	5,023	\$2,884,724
Building Material & Farm Implements	1,629	\$3,106,396	1,579	\$3,184,381	1,551	\$3,157,928
Auto Dealers & Supplies	3,338	\$8,927,828	3,418	\$9,408,046	3,472	\$9,640,648
Service Stations	652	\$3,745,819	656	\$4,203,824	656	\$4,122,875
Other Retail Stores	31,828	\$5,561,331	31,557	\$5,742,982	32,721	\$6,147,071
Retail Stores Total:	68,701	\$43,666,470	69,228	\$46,078,187	71,305	\$47,044,198
All Other Outlets:	44,479	\$20,884,954	48,405	\$21,390,429	51,684	\$22,454,960
Total All Outlets:	113,180	\$64,551,424	117,633	\$67,468,616	122,989	\$69,499,158

2019 MAJOR EMPLOYERS IN ORANGE COUNTY (2)

Employer	Estimated Employees
Disneyland Resort and Hotels	30,000
County of Orange	29,514
The Boeing Company	13,151
University of California, Irvine	9,283
UCI Medical Center	8,920

EMPLOYMENT (3)*

	May 2019	May 2020
Labor Force	1,611,400	1,547,600
Employed	1,572,300	1,320,500
Number Unemployed	39,100	227,100
Unemployment Rate	2.4%	14.7%

CURRENT PROJECTIONS SERIES EMPLOYMENT: OCP-2018 (4)

2016	1,710,147
2020	1,773,571
2025	1,835,106
2030	1,886,065
2035	1,927,505
2040	1,960,051
2045	1,980,433

*Data may not add due to rounding. All unemployment rates shown are calculated on unrounded data.

Sources: (1) California State Board of Equalization.
 (2) D&B Hoovers Business Information Database, 2019.
 (3) California Employment Development Dept.
 (4) Center for Demographic Research, CSUF.

Orange County Change: Census 2010 to 2020

This profile report contains data from the 2010 and 2020 U.S. Census files for Orange County, California. It includes separate tables with numbers and percent shares by city and 2010 census designated places (CDPs) for 2010 and 2020 total population by race/ethnicity; population aged 18 and over; population aged 0-17; group quarters population; and housing unit type. Pages 6-20 contain Tables 1-15 showing the numeric and percent change for the same items between 2010 and 2020.

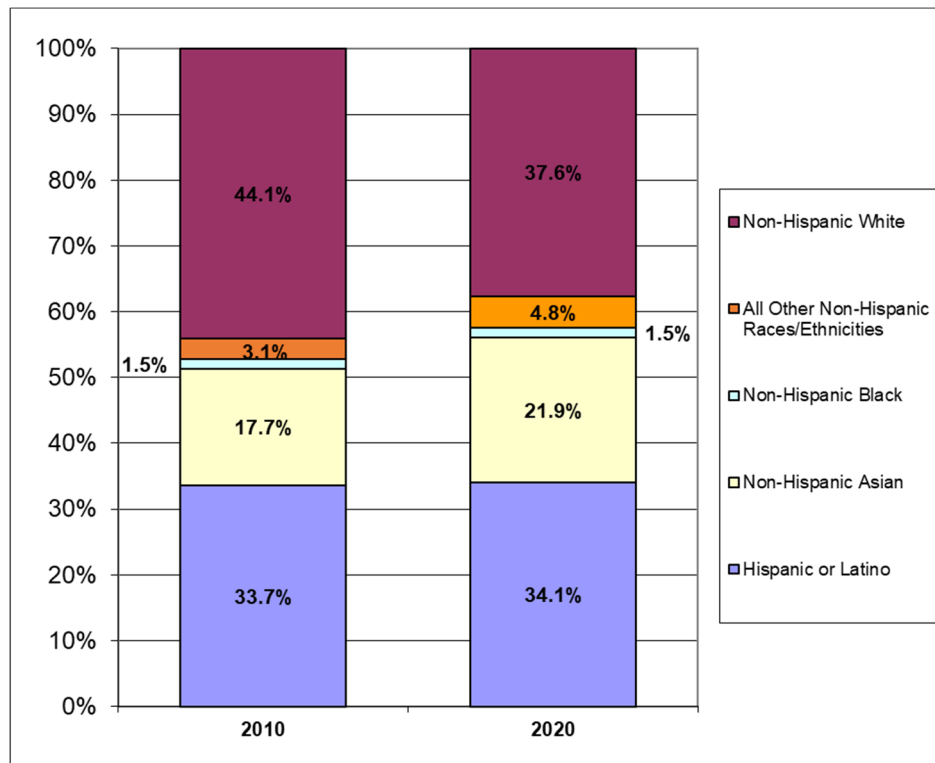
City boundaries in Orange County changed in multiple areas since 2010 (Map 1). There were also five new census designated places (CDPs) added: Modjeska CDP, Rancho Mission Viejo CDP, Silverado CDP, Trabuco Canyon CDP and Williams Canyon CDP. With these additional CDPs, there are now a total of 11 CDPs in the county. The data tables referenced above (pages 6-20) do not include the five new CDPs.

Since 2010, Orange County's population has increased by 5.87% from 3,010,232 to 3,186,989.

Map 2 shows the population change by jurisdiction. The cities with the largest percentage increases in population were Irvine, Brea, and Lake Forest. Since 2003, Orange County has been a minority majority county—meaning the non-Hispanic white population no longer comprised more than 50% of the county population. Since 2010, Non-Hispanic White, Non-Hispanic American Indian/Alaska Native, and Non-Hispanic Native Hawaiian and Pacific Islander had decreases in population (Figure 2).

A similar pattern of growth can be seen in the housing unit change as with population change (Map 3). The largest housing unit percentage increases were seen in the same cities with the largest population growth. The County's housing inventory increased by 7.71%, or 80,878 units, over the decade (Figure 3). The number of occupied units increased by 8.19%. The number of vacant units decreased by 0.79%.

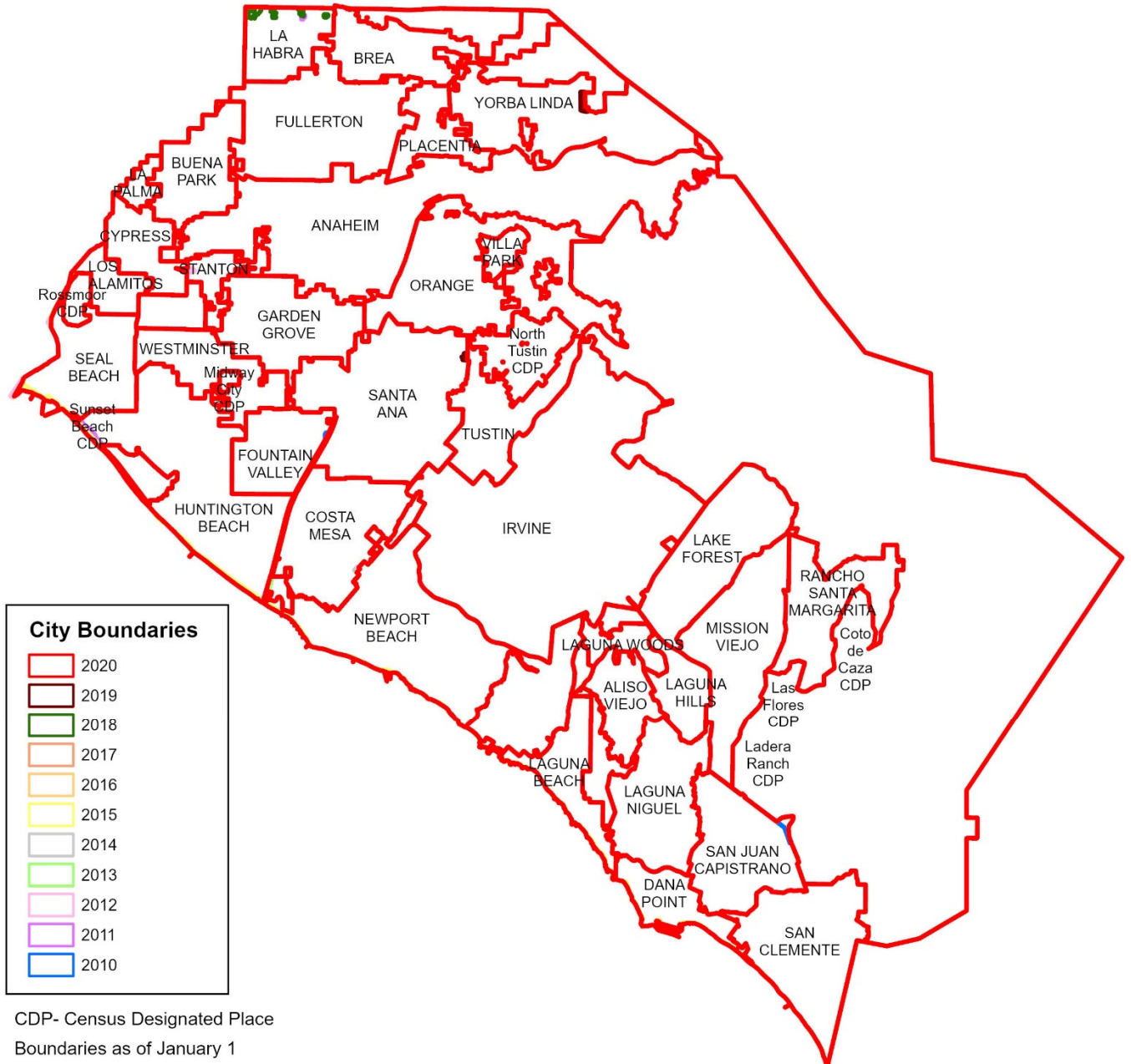
Figure 1
Share of Total Orange County Population by Race/Ethnicity, 2010-2020



Map 1

Orange County City Boundary Progression

2010-2020



For more information on annual changes to city boundaries, please see the CDR Boundary and Annexation Reports at www.fullerton.edu/cdr/products

Map 2 Orange County Population Change by Jurisdiction 2010-2020

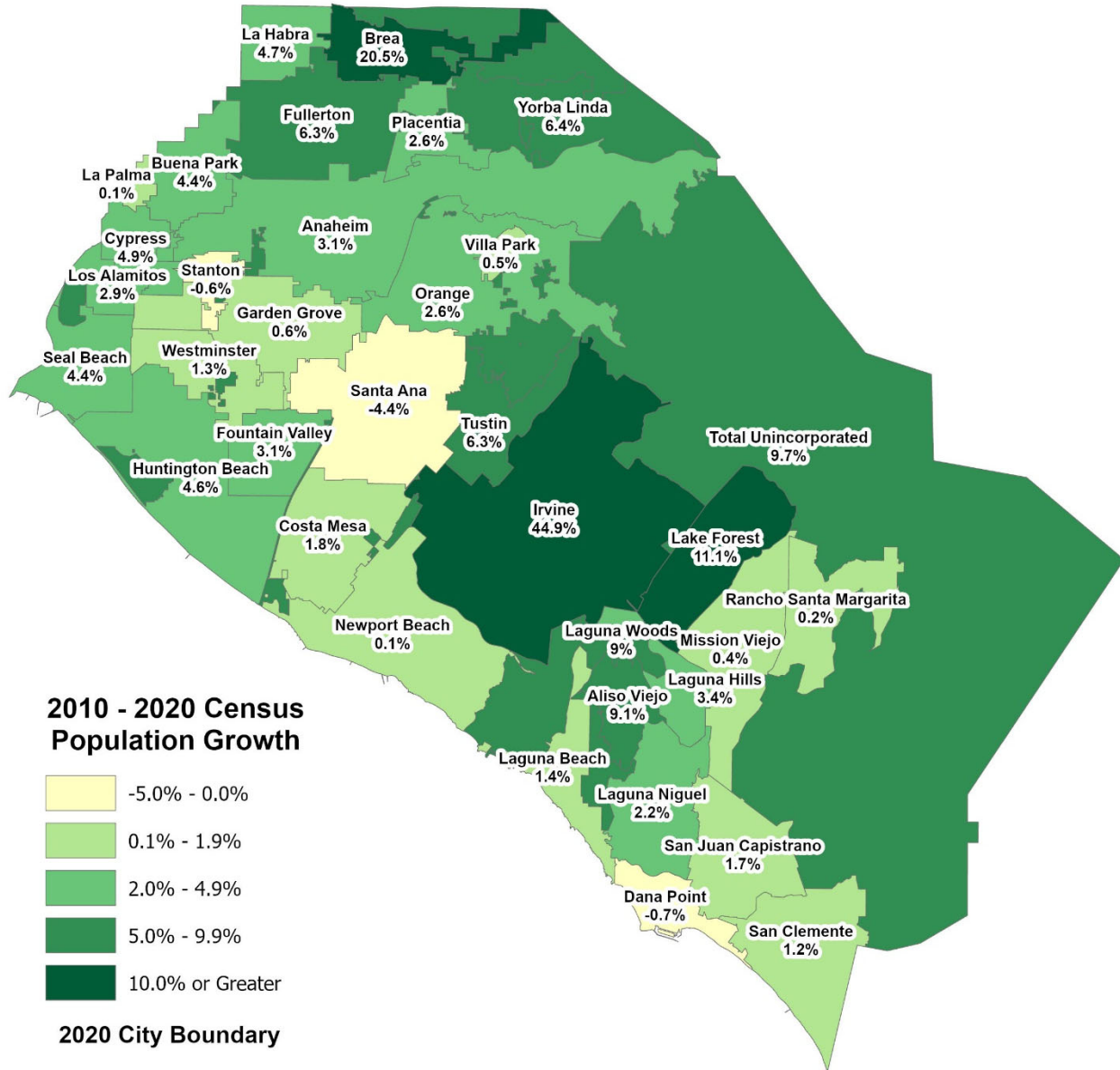


Figure 2

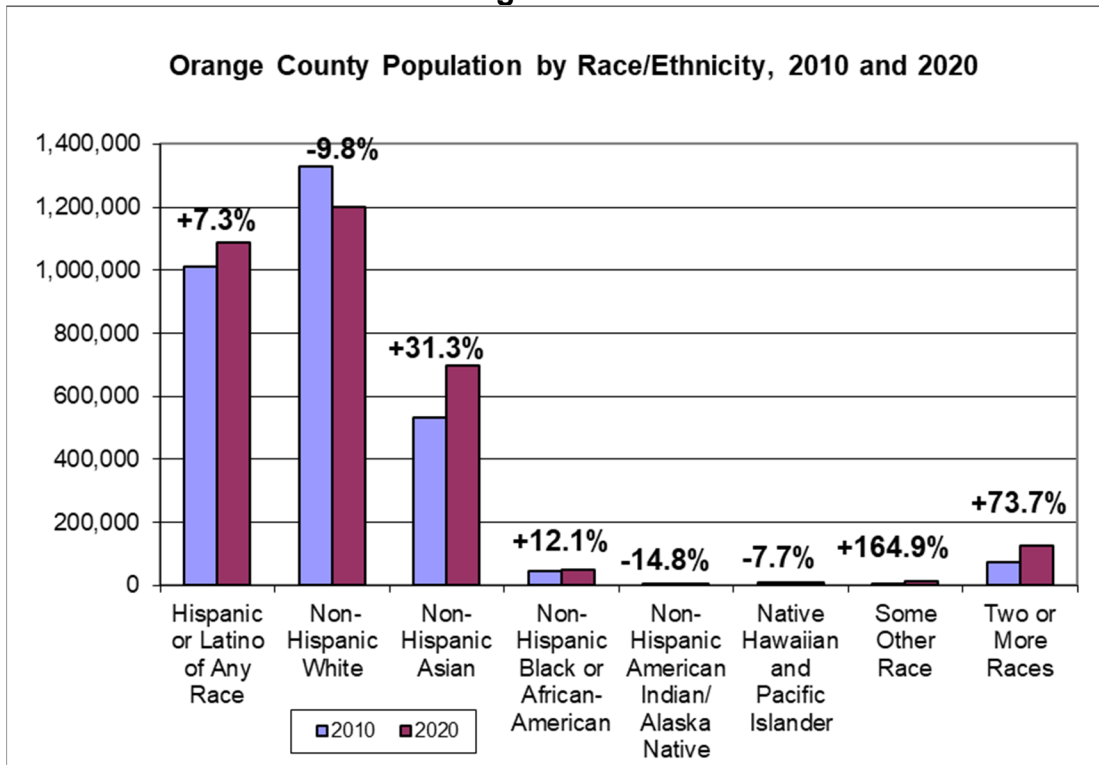
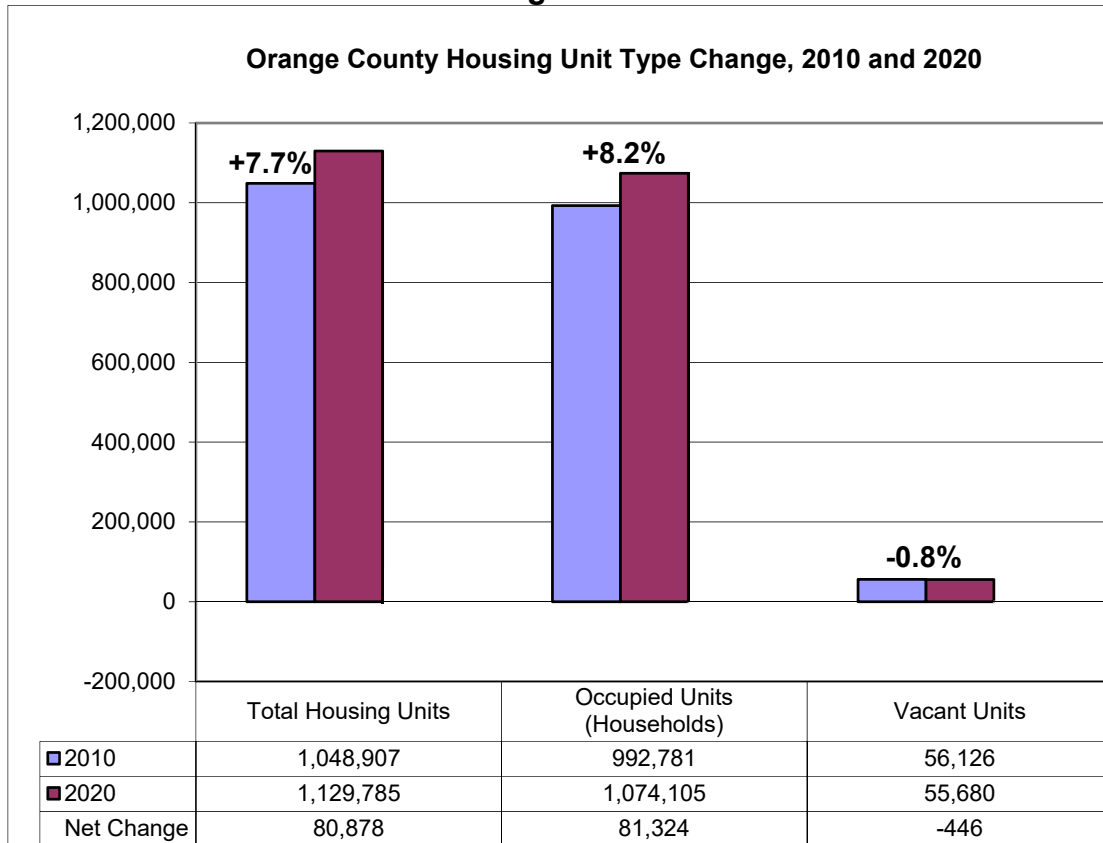


Figure 3



Map 3 Orange County Housing Unit Change by Jurisdiction 2010-2020

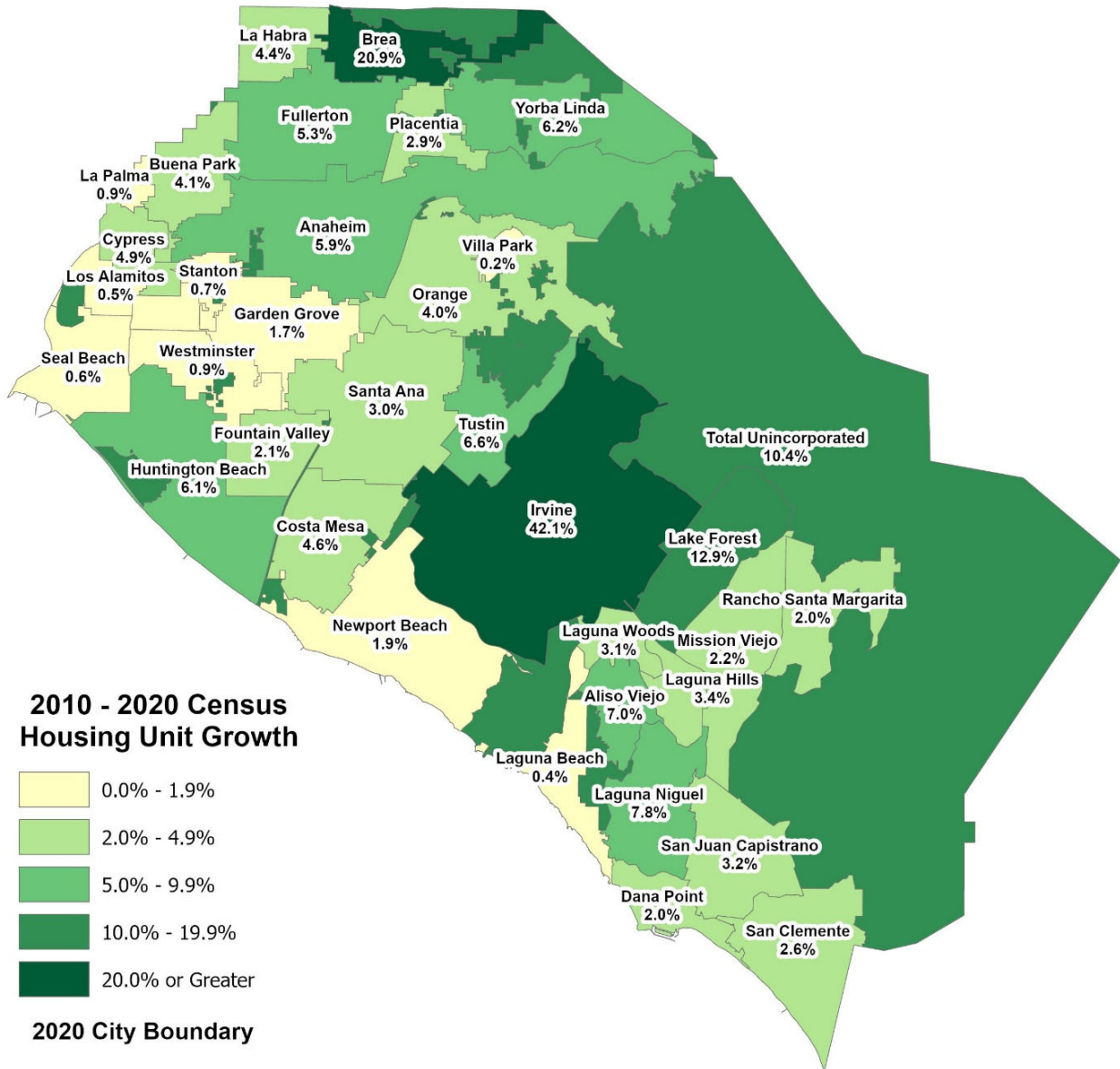


Table 1: Orange County Total Population by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	8,164	9,836	29,538	29,044	6,902	8,509	892	949	82	48	75	155	136	323	2,034	3,312	47,823	52,176
Anaheim	177,467	186,651	92,362	78,237	49,210	60,632	8,209	8,465	743	646	1,437	1,297	628	1,485	6,209	9,411	336,265	346,824
Brea	9,817	12,972	20,690	18,256	7,068	13,082	499	784	90	101	62	54	82	230	974	1,846	39,282	47,325
Buena Park	31,638	34,330	22,302	16,331	21,232	27,499	2,809	2,504	188	174	389	373	139	345	1,833	2,478	80,530	84,034
Costa Mesa	39,403	40,795	56,993	54,169	8,483	9,455	1,352	1,306	266	232	486	412	243	618	2,734	4,931	109,960	111,918
Coto de Caza CDP	1,170	1,522	12,219	10,722	860	1,354	129	178	23	15	20	7	30	73	415	839	14,866	14,710
Cypress	8,779	10,689	20,865	16,356	14,850	18,743	1,376	1,522	142	85	204	251	87	203	1,499	2,302	47,802	50,151
Dana Point	5,662	6,294	25,468	23,463	1,037	1,291	255	268	110	66	37	30	63	163	719	1,532	33,351	33,107
Fountain Valley	7,250	8,837	27,234	22,230	18,324	22,532	473	526	127	71	159	126	113	234	1,633	2,491	55,313	57,047
Fullerton	46,501	54,225	51,656	42,150	30,486	37,913	2,791	2,972	251	289	270	266	243	691	2,963	5,111	135,161	143,617
Garden Grove	63,079	64,102	38,558	28,172	63,118	72,524	1,752	1,595	286	220	1,030	759	219	688	2,841	3,889	170,883	171,949
Huntington Beach	32,411	39,457	127,640	117,536	20,792	25,921	1,635	2,111	532	443	595	532	395	1,234	5,992	11,477	189,992	198,711
Irvine	19,621	35,855	95,822	106,056	82,722	139,725	3,494	6,646	199	285	295	341	554	1,790	9,668	16,972	212,375	307,670
La Habra	34,449	37,439	18,178	14,953	5,501	7,802	836	1,047	148	143	80	60	88	254	959	1,399	60,239	63,097
La Palma	2,487	2,939	4,329	3,324	7,432	7,835	773	766	26	18	36	77	43	54	442	568	15,568	15,581
Ladera Ranch CDP	2,952	3,607	15,939	17,039	2,734	3,389	312	253	33	40	27	28	31	115	952	1,699	22,980	26,170
Laguna Beach	1,650	2,155	19,472	18,328	797	961	158	181	34	25	13	18	52	130	547	1,234	22,723	23,032
Laguna Hills	6,242	7,489	18,725	16,849	3,790	4,715	373	420	53	32	45	41	65	173	1,051	1,655	30,344	31,374
Laguna Niguel	8,761	10,510	45,682	42,824	5,390	6,306	693	766	115	115	79	67	118	344	2,141	3,423	62,979	64,355
Laguna Woods	650	939	13,600	12,206	1,613	3,796	105	158	17	9	10	10	18	35	179	491	16,192	17,644
Lake Forest	19,024	21,945	44,177	40,506	9,985	16,650	1,158	1,312	195	153	172	144	166	450	2,387	4,698	77,264	85,858
Las Flores CDP	984	1,061	3,857	3,499	766	948	89	80	14	9	12	10	17	38	232	350	5,971	5,995
Los Alamitos	2,418	3,026	6,721	5,449	1,447	2,060	300	347	22	34	47	69	46	68	448	727	11,449	11,780
Midway City CDP	2,467	2,803	1,776	1,148	3,960	4,597	62	45	24	13	38	16	10	24	148	179	8,485	8,825
Mission Viejo	15,877	17,986	64,276	57,790	8,312	10,822	1,129	1,134	176	117	146	152	201	454	3,188	5,198	93,305	93,653
Newport Beach	6,174	8,190	70,142	64,352	5,925	7,443	571	626	152	100	95	81	165	417	1,962	4,030	85,186	85,239
North Tustin CDP	3,260	4,480	18,784	16,478	1,975	2,956	138	163	58	27	47	38	55	109	600	1,467	24,917	25,718
Orange	52,014	57,575	63,805	55,330	15,116	18,058	1,895	2,221	357	289	321	328	244	666	2,664	5,444	136,416	139,911
Placentia	18,416	19,691	22,590	18,993	7,457	9,940	818	946	123	105	58	69	74	219	997	1,861	50,533	51,824
Rancho Santa Margarita	8,902	10,297	32,054	27,930	4,268	5,711	788	761	82	73	88	92	91	225	1,580	2,860	47,853	47,949
Rossmoor CDP	1,174	1,628	7,845	6,623	812	1,526	76	101	29	12	21	24	7	30	280	681	10,244	10,625
San Clemente	10,702	11,679	48,254	45,889	2,269	2,513	349	382	193	180	78	88	89	353	1,588	3,209	63,522	64,293
San Juan Capistrano	13,388	13,704	19,312	18,591	952	1,194	146	139	156	106	30	22	43	147	566	1,293	34,593	35,196
Santa Ana	253,928	238,022	29,950	26,438	33,618	37,440	3,177	2,745	507	485	826	635	375	921	2,147	3,541	324,528	310,227
Seal Beach	2,331	3,153	18,580	16,814	2,273	3,624	255	370	38	53	52	46	62	91	577	1,091	24,168	25,242
Stanton	19,417	18,807	8,340	5,968	8,708	11,250	703	666	107	58	202	208	75	198	634	807	38,186	37,962
Tustin	30,024	32,712	26,317	22,901	15,147	19,043	1,535	1,619	142	95	244	193	185	418	1,946	3,295	75,540	80,276
Villa Park	598	724	4,177	3,641	848	1,116	42	47	26	2	1	5	11	13	109	295	5,812	5,843
Westminster	21,176	22,345	22,972	17,962	42,414	46,513	700	853	132	146	324	415	113	250	1,870	2,427	89,701	90,911
Yorba Linda	9,220	12,269	42,183	36,022	9,957	15,570	789	786	120	100	78	63	152	374	1,735	3,152	64,234	68,336
Unincorporated	13,326	14,094	15,115	18,086	3,927	6,166	364	544	98	84	128	112	65	171	674	1,577	33,697	40,834
Total Orange County	1,012,973	1,086,834	1,328,499	1,198,655	532,477	699,124	44,000	49,304	6,216	5,298	8,357	7,714	5,593	14,818	72,117	125,242	3,010,232	3,186,989

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 2: Percent Share of Population by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	17.1%	18.9%	61.8%	55.7%	14.4%	16.3%	1.9%	1.8%	0.2%	0.1%	0.2%	0.3%	0.3%	0.6%	4.3%	6.3%	100.0%	100.0%
Anaheim	52.8%	53.8%	27.5%	22.6%	14.6%	17.5%	2.4%	2.4%	0.2%	0.2%	0.4%	0.4%	0.2%	0.4%	1.8%	2.7%	100.0%	100.0%
Brea	25.0%	27.4%	52.7%	38.6%	18.0%	27.6%	1.3%	1.7%	0.2%	0.2%	0.2%	0.1%	0.2%	0.5%	2.5%	3.9%	100.0%	100.0%
Buena Park	39.3%	40.9%	27.7%	19.4%	26.4%	32.7%	3.5%	3.0%	0.2%	0.2%	0.5%	0.4%	0.2%	0.4%	2.3%	2.9%	100.0%	100.0%
Costa Mesa	35.8%	36.5%	51.8%	48.4%	7.7%	8.4%	1.2%	1.2%	0.2%	0.2%	0.4%	0.4%	0.2%	0.6%	2.5%	4.4%	100.0%	100.0%
Coto de Caza CDP	7.9%	10.3%	82.2%	72.9%	5.8%	9.2%	0.9%	1.2%	0.2%	0.1%	0.1%	0.0%	0.2%	0.5%	2.8%	5.7%	100.0%	100.0%
Cypress	18.4%	21.3%	43.6%	32.6%	31.1%	37.4%	2.9%	3.0%	0.3%	0.2%	0.4%	0.5%	0.2%	0.4%	3.1%	4.6%	100.0%	100.0%
Dana Point	17.0%	19.0%	76.4%	70.9%	3.1%	3.9%	0.8%	0.8%	0.3%	0.2%	0.1%	0.1%	0.2%	0.5%	2.2%	4.6%	100.0%	100.0%
Fountain Valley	13.1%	15.5%	49.2%	39.0%	33.1%	39.5%	0.9%	0.9%	0.2%	0.1%	0.3%	0.2%	0.2%	0.4%	3.0%	4.4%	100.0%	100.0%
Fullerton	34.4%	37.8%	38.2%	29.3%	22.6%	26.4%	2.1%	2.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.5%	2.2%	3.6%	100.0%	100.0%
Garden Grove	36.9%	37.3%	22.6%	16.4%	36.9%	42.2%	1.0%	0.9%	0.2%	0.1%	0.6%	0.4%	0.1%	0.4%	1.7%	2.3%	100.0%	100.0%
Huntington Beach	17.1%	19.9%	67.2%	59.1%	10.9%	13.0%	0.9%	1.1%	0.3%	0.2%	0.3%	0.3%	0.2%	0.6%	3.2%	5.8%	100.0%	100.0%
Irvine	9.2%	11.7%	45.1%	34.5%	39.0%	45.4%	1.6%	2.2%	0.1%	0.1%	0.1%	0.1%	0.3%	0.6%	4.6%	5.5%	100.0%	100.0%
La Habra	57.2%	59.3%	30.2%	23.7%	9.1%	12.4%	1.4%	1.7%	0.2%	0.2%	0.1%	0.1%	0.1%	0.4%	1.6%	2.2%	100.0%	100.0%
La Palma	16.0%	18.9%	27.8%	21.3%	47.7%	50.3%	5.0%	4.9%	0.2%	0.1%	0.2%	0.5%	0.3%	0.3%	2.8%	3.6%	100.0%	100.0%
Ladera Ranch CDP	12.8%	13.8%	69.4%	65.1%	11.9%	12.9%	1.4%	1.0%	0.1%	0.2%	0.1%	0.1%	0.1%	0.4%	4.1%	6.5%	100.0%	100.0%
Laguna Beach	7.3%	9.4%	85.7%	79.6%	3.5%	4.2%	0.7%	0.8%	0.1%	0.1%	0.1%	0.1%	0.2%	0.6%	2.4%	5.4%	100.0%	100.0%
Laguna Hills	20.6%	23.9%	61.7%	53.7%	12.5%	15.0%	1.2%	1.3%	0.2%	0.1%	0.1%	0.1%	0.2%	0.6%	3.5%	5.3%	100.0%	100.0%
Laguna Niguel	13.9%	16.3%	72.5%	66.5%	8.6%	9.8%	1.1%	1.2%	0.2%	0.2%	0.1%	0.1%	0.2%	0.5%	3.4%	5.3%	100.0%	100.0%
Laguna Woods	4.0%	5.3%	84.0%	69.2%	10.0%	21.5%	0.6%	0.9%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	1.1%	2.8%	100.0%	100.0%
Lake Forest	24.6%	25.6%	57.2%	47.2%	12.9%	19.4%	1.5%	1.5%	0.3%	0.2%	0.2%	0.2%	0.2%	0.5%	3.1%	5.5%	100.0%	100.0%
Las Flores CDP	16.5%	17.7%	64.6%	58.4%	12.8%	15.8%	1.5%	1.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.6%	3.9%	5.8%	100.0%	100.0%
Los Alamitos	21.1%	25.7%	58.7%	46.3%	12.6%	17.5%	2.6%	2.9%	0.2%	0.3%	0.4%	0.6%	0.4%	0.6%	3.9%	6.2%	100.0%	100.0%
Midway City CDP	29.1%	31.8%	20.9%	13.0%	46.7%	52.1%	0.7%	0.5%	0.3%	0.1%	0.4%	0.2%	0.1%	0.3%	1.7%	2.0%	100.0%	100.0%
Mission Viejo	17.0%	19.2%	68.9%	61.7%	8.9%	11.6%	1.2%	1.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.5%	3.4%	5.6%	100.0%	100.0%
Newport Beach	7.2%	9.6%	82.3%	75.5%	7.0%	8.7%	0.7%	0.7%	0.2%	0.1%	0.1%	0.1%	0.2%	0.5%	2.3%	4.7%	100.0%	100.0%
North Tustin CDP	13.1%	17.4%	75.4%	64.1%	7.9%	11.5%	0.6%	0.6%	0.2%	0.1%	0.2%	0.1%	0.2%	0.4%	2.4%	5.7%	100.0%	100.0%
Orange	38.1%	41.2%	46.8%	39.5%	11.1%	12.9%	1.4%	1.6%	0.3%	0.2%	0.2%	0.2%	0.2%	0.5%	2.0%	3.9%	100.0%	100.0%
Placentia	36.4%	38.0%	44.7%	36.6%	14.8%	19.2%	1.6%	1.8%	0.2%	0.2%	0.1%	0.1%	0.1%	0.4%	2.0%	3.6%	100.0%	100.0%
Rancho Santa Margarita	18.6%	21.5%	67.0%	58.2%	8.9%	11.9%	1.6%	1.6%	0.2%	0.2%	0.2%	0.2%	0.2%	0.5%	3.3%	6.0%	100.0%	100.0%
Rossmoor CDP	11.5%	15.3%	76.6%	62.3%	7.9%	14.4%	0.7%	1.0%	0.3%	0.1%	0.2%	0.2%	0.1%	0.3%	2.7%	6.4%	100.0%	100.0%
San Clemente	16.8%	18.2%	76.0%	71.4%	3.6%	3.9%	0.5%	0.6%	0.3%	0.3%	0.1%	0.1%	0.1%	0.5%	2.5%	5.0%	100.0%	100.0%
San Juan Capistrano	38.7%	38.9%	55.8%	52.8%	2.8%	3.4%	0.4%	0.4%	0.5%	0.3%	0.1%	0.1%	0.1%	0.4%	1.6%	3.7%	100.0%	100.0%
Santa Ana	78.2%	76.7%	9.2%	8.5%	10.4%	12.1%	1.0%	0.9%	0.2%	0.2%	0.3%	0.2%	0.1%	0.3%	0.7%	1.1%	100.0%	100.0%
Seal Beach	9.6%	12.5%	76.9%	66.6%	9.4%	14.4%	1.1%	1.5%	0.2%	0.2%	0.2%	0.2%	0.3%	0.4%	2.4%	4.3%	100.0%	100.0%
Stanton	50.8%	49.5%	21.8%	15.7%	22.8%	29.6%	1.8%	1.8%	0.3%	0.2%	0.5%	0.5%	0.2%	0.5%	1.7%	2.1%	100.0%	100.0%
Tustin	39.7%	40.7%	34.8%	28.5%	20.1%	23.7%	2.0%	2.0%	0.2%	0.1%	0.3%	0.2%	0.2%	0.5%	2.6%	4.1%	100.0%	100.0%
Villa Park	10.3%	12.4%	71.9%	62.3%	14.6%	19.1%	0.7%	0.8%	0.4%	0.0%	0.0%	0.1%	0.2%	0.2%	1.9%	5.0%	100.0%	100.0%
Westminster	23.6%	24.6%	25.6%	19.8%	47.3%	51.2%	0.8%	0.9%	0.1%	0.2%	0.4%	0.5%	0.1%	0.3%	2.1%	2.7%	100.0%	100.0%
Yorba Linda	14.4%	18.0%	65.7%	52.7%	15.5%	22.8%	1.2%	1.2%	0.2%	0.1%	0.1%	0.1%	0.2%	0.5%	2.7%	4.6%	100.0%	100.0%
Unincorporated	39.5%	34.5%	44.9%	44.3%	11.7%	15.1%	1.1%	1.3%	0.3%	0.2%	0.4%	0.3%	0.2%	0.4%	2.0%	3.9%	100.0%	100.0%
Total Orange County	33.7%	34.1%	44.1%	37.6%	17.7%	21.9%	1.5%	1.5%	0.2%	0.2%	0.3%	0.2%	0.2%	0.5%	2.4%	3.9%	100.0%	100.0%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 3: Orange County Population 18 Years and Over by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	5,470	7,077	22,676	23,395	5,325	6,814	697	833	66	39	64	105	82	224	1,048	2,091	35,428	40,578
Anaheim	114,796	133,377	77,951	68,199	39,478	50,983	6,322	6,904	583	539	1,008	1,048	422	1,039	3,788	6,335	244,348	268,424
Brea	6,797	9,504	17,049	15,692	5,267	9,991	393	635	72	88	46	45	59	163	542	1,195	30,225	37,313
Buena Park	20,731	24,356	18,819	14,215	17,019	23,079	2,028	1,960	155	163	284	297	85	224	1,048	1,654	60,169	65,948
Costa Mesa	26,543	29,729	48,698	46,703	7,426	8,408	1,128	1,134	233	201	364	328	168	486	1,718	3,396	86,278	90,385
Coto de Caza CDP	759	1,077	8,610	8,531	630	1,098	99	155	19	8	16	1	22	51	166	519	10,321	11,440
Cypress	5,993	7,832	17,259	14,035	11,042	14,449	1,053	1,184	121	66	165	218	61	162	765	1,471	36,459	39,417
Dana Point	3,975	4,690	21,706	20,584	910	1,198	217	232	95	57	33	26	47	129	409	1,115	27,392	28,031
Fountain Valley	5,078	6,485	22,636	19,227	14,377	18,313	388	461	93	62	128	102	76	171	894	1,613	43,670	46,434
Fullerton	30,913	39,437	44,206	37,072	23,835	30,739	2,255	2,471	211	250	220	227	170	537	1,793	3,472	103,603	114,205
Garden Grove	41,415	46,291	32,685	24,857	48,892	59,679	1,369	1,285	244	180	725	612	145	525	1,645	2,551	127,120	135,980
Huntington Beach	22,096	28,932	105,810	101,048	17,152	21,927	1,339	1,811	450	408	478	436	276	985	3,263	7,636	150,864	163,183
Irvine	14,484	28,278	79,091	88,871	63,851	107,949	2,719	5,419	158	185	244	262	356	1,313	5,797	10,860	166,700	243,137
La Habra	22,623	27,019	15,532	13,003	4,540	6,718	639	852	124	121	69	44	63	202	587	956	44,177	48,915
La Palma	1,747	2,144	3,660	2,934	5,827	6,444	578	618	20	15	31	57	36	39	246	394	12,145	12,645
Ladera Ranch CDP	1,663	2,175	10,016	11,220	1,902	2,471	209	194	27	30	21	22	17	80	313	806	14,168	16,998
Laguna Beach	1,243	1,705	16,622	16,063	697	847	133	155	30	21	11	14	32	102	307	835	19,075	19,742
Laguna Hills	4,266	5,367	15,170	14,306	3,102	4,036	313	350	41	29	40	24	42	124	608	1,094	23,582	25,330
Laguna Niguel	5,908	7,587	36,415	36,381	4,434	5,374	555	663	98	103	63	51	73	243	1,217	2,254	48,763	52,656
Laguna Woods	647	899	13,566	12,201	1,610	3,790	104	147	17	9	10	7	18	32	172	454	16,144	17,539
Lake Forest	12,645	15,692	35,071	34,034	7,906	13,379	917	1,075	148	124	145	125	109	313	1,208	2,802	58,149	67,544
Las Flores CDP	613	703	2,576	2,635	561	741	66	60	9	9	8	10	5	29	104	200	3,942	4,387
Los Alamitos	1,633	2,037	5,425	4,547	1,132	1,576	227	259	16	34	32	51	29	43	214	459	8,708	9,006
Midway City CDP	1,597	1,967	1,545	1,040	3,045	3,770	50	39	17	13	29	14	8	19	88	131	6,379	6,993
Mission Viejo	10,867	13,053	51,384	49,048	6,716	9,054	904	974	151	92	122	126	133	353	1,758	3,332	72,035	76,032
Newport Beach	4,600	6,271	58,814	55,340	5,038	6,107	486	541	128	96	80	72	115	311	1,181	2,639	70,442	71,377
North Tustin CDP	2,192	3,155	14,740	13,598	1,630	2,370	109	143	47	18	38	29	35	77	269	808	19,060	20,198
Orange	34,945	41,582	53,296	48,250	12,213	15,306	1,566	1,924	286	257	255	266	181	503	1,578	3,730	104,320	111,818
Placentia	12,277	13,969	18,606	16,142	5,817	7,903	641	794	102	88	47	49	55	158	543	1,153	38,088	40,256
Rancho Santa Margarita	5,707	7,267	23,468	22,481	3,284	4,621	622	637	66	53	64	81	61	158	702	1,724	33,974	37,022
Rossmore CDP	728	1,065	6,133	5,465	607	1,091	57	70	21	11	15	17	6	18	127	321	7,694	8,058
San Clemente	6,872	8,181	37,930	37,501	1,859	2,156	285	330	154	169	64	79	63	279	789	2,039	48,016	50,734
San Juan Capistrano	8,694	9,711	15,953	15,730	794	1,025	125	115	136	99	28	20	27	104	318	854	26,075	27,658
Santa Ana	165,704	170,982	26,576	23,778	27,206	31,944	2,682	2,392	384	380	615	498	226	601	1,457	2,598	224,850	233,173
Seal Beach	1,762	2,437	16,596	15,182	2,011	3,347	219	314	35	49	40	30	43	76	311	725	21,017	22,160
Stanton	12,387	13,269	7,262	5,338	6,756	9,296	527	558	92	44	156	158	49	135	391	537	27,620	29,335
Tustin	19,239	23,284	21,483	19,503	11,877	15,199	1,213	1,289	109	84	171	153	119	271	1,117	2,017	55,328	61,800
Villa Park	418	528	3,405	3,144	705	901	34	44	20	0	0	4	9	9	57	159	4,648	4,789
Westminster	14,055	16,083	19,614	15,606	33,006	38,745	569	725	112	123	248	335	84	194	1,093	1,714	68,781	73,525
Yorba Linda	6,161	8,663	32,984	30,121	7,555	11,874	615	659	88	82	57	50	108	267	874	1,921	48,442	53,637
Unincorporated	8,963	10,210	12,413	14,910	3,119	5,008	296	423	77	76	102	88	35	112	369	1,029	25,374	31,856
Total Orange County	669,206	784,070	1,093,451	1,021,930	420,153	569,720	34,748	40,828	5,055	4,475	6,336	6,181	3,750	10,861	40,874	81,593	2,273,573	2,519,658

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 4: Percent Share of Population 18 Years and Over by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	15.4%	17.4%	64.0%	57.7%	15.0%	16.8%	2.0%	2.1%	0.2%	0.1%	0.2%	0.3%	0.2%	0.6%	3.0%	5.2%	100.0%	100.0%
Anaheim	47.0%	49.7%	31.9%	25.4%	16.2%	19.0%	2.6%	2.6%	0.2%	0.2%	0.4%	0.4%	0.2%	0.4%	1.6%	2.4%	100.0%	100.0%
Brea	22.5%	25.5%	56.4%	42.1%	17.4%	26.8%	1.3%	1.7%	0.2%	0.2%	0.2%	0.1%	0.2%	0.4%	1.8%	3.2%	100.0%	100.0%
Buena Park	34.5%	36.9%	31.3%	21.6%	28.3%	35.0%	3.4%	3.0%	0.3%	0.2%	0.5%	0.5%	0.1%	0.3%	1.7%	2.5%	100.0%	100.0%
Costa Mesa	30.8%	32.9%	56.4%	51.7%	8.6%	9.3%	1.3%	1.3%	0.3%	0.2%	0.4%	0.4%	0.2%	0.5%	2.0%	3.8%	100.0%	100.0%
Coto de Caza CDP	7.4%	9.4%	83.4%	74.6%	6.1%	9.6%	1.0%	1.4%	0.2%	0.1%	0.2%	0.0%	0.2%	0.4%	1.6%	4.5%	100.0%	100.0%
Cypress	16.4%	19.9%	47.3%	35.6%	30.3%	36.7%	2.9%	3.0%	0.3%	0.2%	0.5%	0.6%	0.2%	0.4%	2.1%	3.7%	100.0%	100.0%
Dana Point	14.5%	16.7%	79.2%	73.4%	3.3%	4.3%	0.8%	0.8%	0.3%	0.2%	0.1%	0.1%	0.2%	0.5%	1.5%	4.0%	100.0%	100.0%
Fountain Valley	11.6%	14.0%	51.8%	41.4%	32.9%	39.4%	0.9%	1.0%	0.2%	0.1%	0.3%	0.2%	0.2%	0.4%	2.0%	3.5%	100.0%	100.0%
Fullerton	29.8%	34.5%	42.7%	32.5%	23.0%	26.9%	2.2%	2.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.5%	1.7%	3.0%	100.0%	100.0%
Garden Grove	32.6%	34.0%	25.7%	18.3%	38.5%	43.9%	1.1%	0.9%	0.2%	0.1%	0.6%	0.5%	0.1%	0.4%	1.3%	1.9%	100.0%	100.0%
Huntington Beach	14.6%	17.7%	70.1%	61.9%	11.4%	13.4%	0.9%	1.1%	0.3%	0.3%	0.3%	0.3%	0.2%	0.6%	2.2%	4.7%	100.0%	100.0%
Irvine	8.7%	11.6%	47.4%	36.6%	38.3%	44.4%	1.6%	2.2%	0.1%	0.1%	0.1%	0.1%	0.2%	0.5%	3.5%	4.5%	100.0%	100.0%
La Habra	51.2%	55.2%	35.2%	26.6%	10.3%	13.7%	1.4%	1.7%	0.3%	0.2%	0.2%	0.1%	0.1%	0.4%	1.3%	2.0%	100.0%	100.0%
La Palma	14.4%	17.0%	30.1%	23.2%	48.0%	51.0%	4.8%	4.9%	0.2%	0.1%	0.3%	0.5%	0.3%	0.3%	2.0%	3.1%	100.0%	100.0%
Ladera Ranch CDP	11.7%	12.8%	70.7%	66.0%	13.4%	14.5%	1.5%	1.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.5%	2.2%	4.7%	100.0%	100.0%
Laguna Beach	6.5%	8.6%	87.1%	81.4%	3.7%	4.3%	0.7%	0.8%	0.2%	0.1%	0.1%	0.1%	0.2%	0.5%	1.6%	4.2%	100.0%	100.0%
Laguna Hills	18.1%	21.2%	64.3%	56.5%	13.2%	15.9%	1.3%	1.4%	0.2%	0.1%	0.2%	0.1%	0.2%	0.5%	2.6%	4.3%	100.0%	100.0%
Laguna Niguel	12.1%	14.4%	74.7%	69.1%	9.1%	10.2%	1.1%	1.3%	0.2%	0.2%	0.1%	0.1%	0.1%	0.5%	2.5%	4.3%	100.0%	100.0%
Laguna Woods	4.0%	5.1%	84.0%	69.6%	10.0%	21.6%	0.6%	0.8%	0.1%	0.1%	0.1%	0.0%	0.1%	0.2%	1.1%	2.6%	100.0%	100.0%
Lake Forest	21.7%	23.2%	60.3%	50.4%	13.6%	19.8%	1.6%	1.6%	0.3%	0.2%	0.2%	0.2%	0.2%	0.5%	2.1%	4.1%	100.0%	100.0%
Las Flores CDP	15.6%	16.0%	65.3%	60.1%	14.2%	16.9%	1.7%	1.4%	0.2%	0.2%	0.2%	0.2%	0.1%	0.7%	2.6%	4.6%	100.0%	100.0%
Los Alamitos	18.8%	22.6%	62.3%	50.5%	13.0%	17.5%	2.6%	2.9%	0.2%	0.4%	0.4%	0.6%	0.3%	0.5%	2.5%	5.1%	100.0%	100.0%
Midway City CDP	25.0%	28.1%	24.2%	14.9%	47.7%	53.9%	0.8%	0.6%	0.3%	0.2%	0.5%	0.2%	0.1%	0.3%	1.4%	1.9%	100.0%	100.0%
Mission Viejo	15.1%	17.2%	71.3%	64.5%	9.3%	11.9%	1.3%	1.3%	0.2%	0.1%	0.2%	0.2%	0.2%	0.5%	2.4%	4.4%	100.0%	100.0%
Newport Beach	6.5%	8.8%	83.5%	77.5%	7.2%	8.6%	0.7%	0.8%	0.2%	0.1%	0.1%	0.1%	0.2%	0.4%	1.7%	3.7%	100.0%	100.0%
North Tustin CDP	11.5%	15.6%	77.3%	67.3%	8.6%	11.7%	0.6%	0.7%	0.2%	0.1%	0.2%	0.1%	0.2%	0.4%	1.4%	4.0%	100.0%	100.0%
Orange	33.5%	37.2%	51.1%	43.2%	11.7%	13.7%	1.5%	1.7%	0.3%	0.2%	0.2%	0.2%	0.2%	0.4%	1.5%	3.3%	100.0%	100.0%
Placentia	32.2%	34.7%	48.9%	40.1%	15.3%	19.6%	1.7%	2.0%	0.3%	0.2%	0.1%	0.1%	0.1%	0.4%	1.4%	2.9%	100.0%	100.0%
Rancho Santa Margarita	16.8%	19.6%	69.1%	60.7%	9.7%	12.5%	1.8%	1.7%	0.2%	0.1%	0.2%	0.2%	0.2%	0.4%	2.1%	4.7%	100.0%	100.0%
Rossmoor CDP	9.5%	13.2%	79.7%	67.8%	7.9%	13.5%	0.7%	0.9%	0.3%	0.1%	0.2%	0.2%	0.1%	0.2%	1.7%	4.0%	100.0%	100.0%
San Clemente	14.3%	16.1%	79.0%	73.9%	3.9%	4.2%	0.6%	0.7%	0.3%	0.3%	0.1%	0.2%	0.1%	0.5%	1.6%	4.0%	100.0%	100.0%
San Juan Capistrano	33.3%	35.1%	61.2%	56.9%	3.0%	3.7%	0.5%	0.4%	0.5%	0.4%	0.1%	0.1%	0.1%	0.4%	1.2%	3.1%	100.0%	100.0%
Santa Ana	73.7%	73.3%	11.8%	10.2%	12.1%	13.7%	1.2%	1.0%	0.2%	0.2%	0.3%	0.2%	0.1%	0.3%	0.6%	1.1%	100.0%	100.0%
Seal Beach	8.4%	11.0%	79.0%	68.5%	9.6%	15.1%	1.0%	1.4%	0.2%	0.2%	0.2%	0.1%	0.2%	0.3%	1.5%	3.3%	100.0%	100.0%
Stanton	44.8%	45.2%	26.3%	18.2%	24.5%	31.7%	1.9%	1.9%	0.3%	0.1%	0.6%	0.5%	0.2%	0.5%	1.4%	1.8%	100.0%	100.0%
Tustin	34.8%	37.7%	38.8%	31.6%	21.5%	24.6%	2.2%	2.1%	0.2%	0.1%	0.3%	0.2%	0.2%	0.4%	2.0%	3.3%	100.0%	100.0%
Villa Park	9.0%	11.0%	73.3%	65.7%	15.2%	18.8%	0.7%	0.9%	0.4%	0.0%	0.0%	0.1%	0.2%	0.2%	1.2%	3.3%	100.0%	100.0%
Westminster	20.4%	21.9%	28.5%	21.2%	48.0%	52.7%	0.8%	1.0%	0.2%	0.2%	0.4%	0.5%	0.1%	0.3%	1.6%	2.3%	100.0%	100.0%
Yorba Linda	12.7%	16.2%	68.1%	56.2%	15.6%	22.1%	1.3%	1.2%	0.2%	0.2%	0.1%	0.1%	0.2%	0.5%	1.8%	3.6%	100.0%	100.0%
Unincorporated	35.3%	32.1%	48.9%	46.8%	12.3%	15.7%	1.2%	1.3%	0.3%	0.2%	0.4%	0.3%	0.1%	0.4%	1.5%	3.2%	100.0%	100.0%
Total Orange County	29.4%	31.1%	48.1%	40.6%	18.5%	22.6%	1.5%	1.6%	0.2%	0.2%	0.3%	0.2%	0.2%	0.4%	1.8%	3.2%	100.0%	100.0%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 5: Orange County Population 0 to 17 Years by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	2,694	2,759	6,862	5,649	1,577	1,695	195	116	16	9	11	50	54	99	986	1,221	12,395	11,598
Anaheim	62,671	53,274	14,411	10,038	9,732	9,649	1,887	1,561	160	107	429	249	206	446	2,421	3,076	91,917	78,400
Brea	3,020	3,468	3,641	2,564	1,801	3,091	106	149	18	13	16	9	23	67	432	651	9,057	10,012
Buena Park	10,907	9,974	3,483	2,116	4,213	4,420	781	544	33	11	105	76	54	121	785	824	20,361	18,086
Costa Mesa	12,860	11,066	8,295	7,466	1,057	1,047	224	172	33	31	122	84	75	132	1,016	1,535	23,682	21,533
Coto de Caza CDP	411	445	3,609	2,191	230	256	30	23	4	7	4	6	8	22	249	320	4,545	3,270
Cypress	2,786	2,857	3,606	2,321	3,808	4,294	323	338	21	19	39	33	26	41	734	831	11,343	10,734
Dana Point	1,687	1,604	3,762	2,879	127	93	38	36	15	9	4	4	16	34	310	417	5,959	5,076
Fountain Valley	2,172	2,352	4,598	3,003	3,947	4,219	85	65	34	9	31	24	37	63	739	878	11,643	10,613
Fullerton	15,588	14,788	7,450	5,078	6,651	7,174	536	501	40	39	50	39	73	154	1,170	1,639	31,558	29,412
Garden Grove	21,664	17,811	5,873	3,315	14,226	12,845	383	310	42	40	305	147	74	163	1,196	1,338	43,763	35,969
Huntington Beach	10,315	10,525	21,830	16,488	3,640	3,994	296	300	82	35	117	96	119	249	2,729	3,841	39,128	35,528
Irvine	5,137	7,577	16,731	17,185	18,871	31,776	775	1,227	41	100	51	79	198	477	3,871	6,112	45,675	64,533
La Habra	11,826	10,420	2,646	1,950	961	1,084	197	195	24	22	11	16	25	52	372	443	16,062	14,182
La Palma	740	795	669	390	1,605	1,391	195	148	6	3	5	20	7	15	196	174	3,423	2,936
Ladera Ranch CDP	1,289	1,432	5,923	5,819	832	918	103	59	6	10	6	6	14	35	639	893	8,812	9,172
Laguna Beach	407	450	2,850	2,265	100	114	25	26	4	4	2	4	20	28	240	399	3,648	3,290
Laguna Hills	1,976	2,122	3,555	2,543	688	679	60	70	12	3	5	17	23	49	443	561	6,762	6,044
Laguna Niguel	2,853	2,923	9,267	6,443	956	932	138	103	17	12	16	16	45	101	924	1,169	14,216	11,699
Laguna Woods	3	40	34	5	3	6	1	11	0	0	0	3	0	3	7	37	48	105
Lake Forest	6,379	6,253	9,106	6,472	2,079	3,271	241	237	47	29	27	19	57	137	1,179	1,896	19,115	18,314
Las Flores CDP	371	358	1,281	864	205	207	23	20	5	0	4	0	12	9	128	150	2,029	1,608
Los Alamitos	785	989	1,296	902	315	484	73	88	6	0	15	18	17	25	234	268	2,741	2,774
Midway City CDP	870	836	231	108	915	827	12	6	7	0	9	2	2	5	60	48	2,106	1,832
Mission Viejo	5,010	4,933	12,892	8,742	1,596	1,768	225	160	25	25	24	26	68	101	1,430	1,866	21,270	17,621
Newport Beach	1,574	1,919	11,328	9,012	887	1,336	85	85	24	4	15	9	50	106	781	1,391	14,744	13,862
North Tustin CDP	1,068	1,325	4,044	2,880	345	586	29	20	11	9	9	9	20	32	331	659	5,857	5,520
Orange	17,069	15,993	10,509	7,080	2,903	2,752	329	297	71	32	66	62	63	163	1,086	1,714	32,096	28,093
Placentia	6,139	5,722	3,984	2,851	1,640	2,037	177	152	21	17	11	20	19	61	454	708	12,445	11,568
Rancho Santa Margarita	3,195	3,030	8,586	5,449	984	1,090	166	124	16	20	24	11	30	67	878	1,136	13,879	10,927
Rossmoor CDP	446	563	1,712	1,158	205	435	19	31	8	1	6	7	1	12	153	360	2,550	2,567
San Clemente	3,830	3,498	10,324	8,388	410	357	64	52	39	11	14	9	26	74	799	1,170	15,506	13,559
San Juan Capistrano	4,694	3,993	3,359	2,861	158	169	21	24	20	7	2	2	16	43	248	439	8,518	7,538
Santa Ana	88,224	67,040	3,374	2,660	6,412	5,496	495	353	123	105	211	137	149	320	690	943	99,678	77,054
Seal Beach	569	716	1,984	1,632	262	277	36	56	3	4	12	16	19	15	266	366	3,151	3,082
Stanton	7,030	5,538	1,078	630	1,952	1,954	176	108	15	14	46	50	26	63	243	270	10,566	8,627
Tustin	10,785	9,428	4,834	3,398	3,270	3,844	322	330	33	11	73	40	66	147	829	1,278	20,212	18,476
Villa Park	180	196	772	497	143	215	8	3	6	2	1	1	2	4	52	136	1,164	1,054
Westminster	7,121	6,262	3,358	2,356	9,408	7,768	131	128	20	23	76	80	29	56	777	713	20,920	17,386
Yorba Linda	3,059	3,606	9,199	5,901	2,402	3,696	174	127	32	18	21	13	44	107	861	1,231	15,792	14,699
Unincorporated	4,363	3,884	2,702	3,176	808	1,158	68	121	21	8	26	24	30	59	305	548	8,323	8,978
Total Orange County	343,767	302,764	235,048	176,725	112,324	129,404	9,252	8,476	1,161	823	2,021	1,533	1,843	3,957	31,243	43,649	736,659	667,331

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 6: Percent Share of Population 0 to 17 Years by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	21.7%	23.8%	55.4%	48.7%	12.7%	14.6%	1.6%	1.0%	0.1%	0.1%	0.1%	0.4%	0.4%	0.9%	8.0%	10.5%	100.0%	100.0%
Anaheim	68.2%	68.0%	15.7%	12.8%	10.6%	12.3%	2.1%	2.0%	0.2%	0.1%	0.5%	0.3%	0.2%	0.6%	2.6%	3.9%	100.0%	100.0%
Brea	33.3%	34.6%	40.2%	25.6%	19.9%	30.9%	1.2%	1.5%	0.2%	0.1%	0.2%	0.1%	0.3%	0.7%	4.8%	6.5%	100.0%	100.0%
Buena Park	53.6%	55.1%	17.1%	11.7%	20.7%	24.4%	3.8%	3.0%	0.2%	0.1%	0.5%	0.4%	0.3%	0.7%	3.9%	4.6%	100.0%	100.0%
Costa Mesa	54.3%	51.4%	35.0%	34.7%	4.5%	4.9%	0.9%	0.8%	0.1%	0.1%	0.5%	0.4%	0.3%	0.6%	4.3%	7.1%	100.0%	100.0%
Coto de Caza CDP	9.0%	13.6%	79.4%	67.0%	5.1%	7.8%	0.7%	0.7%	0.1%	0.2%	0.1%	0.2%	0.2%	0.7%	5.5%	9.8%	100.0%	100.0%
Cypress	24.6%	26.6%	31.8%	21.6%	33.6%	40.0%	2.8%	3.1%	0.2%	0.2%	0.3%	0.3%	0.2%	0.4%	6.5%	7.7%	100.0%	100.0%
Dana Point	28.3%	31.6%	63.1%	56.7%	2.1%	1.8%	0.6%	0.7%	0.3%	0.2%	0.1%	0.1%	0.3%	0.7%	5.2%	8.2%	100.0%	100.0%
Fountain Valley	18.7%	22.2%	39.5%	28.3%	33.9%	39.8%	0.7%	0.6%	0.3%	0.1%	0.3%	0.2%	0.3%	0.6%	6.3%	8.3%	100.0%	100.0%
Fullerton	49.4%	50.3%	23.6%	17.3%	21.1%	24.4%	1.7%	1.7%	0.1%	0.1%	0.2%	0.1%	0.2%	0.5%	3.7%	5.6%	100.0%	100.0%
Garden Grove	49.5%	49.5%	13.4%	9.2%	32.5%	35.7%	0.9%	0.9%	0.1%	0.1%	0.7%	0.4%	0.2%	0.5%	2.7%	3.7%	100.0%	100.0%
Huntington Beach	26.4%	29.6%	55.8%	46.4%	9.3%	11.2%	0.8%	0.8%	0.2%	0.1%	0.3%	0.3%	0.3%	0.7%	7.0%	10.8%	100.0%	100.0%
Irvine	11.2%	11.7%	36.6%	26.6%	41.3%	49.2%	1.7%	1.9%	0.1%	0.2%	0.1%	0.1%	0.4%	0.7%	8.5%	9.5%	100.0%	100.0%
La Habra	73.6%	73.5%	16.5%	13.7%	6.0%	7.6%	1.2%	1.4%	0.1%	0.2%	0.1%	0.1%	0.2%	0.4%	2.3%	3.1%	100.0%	100.0%
La Palma	21.6%	27.1%	19.5%	13.3%	46.9%	47.4%	5.7%	5.0%	0.2%	0.1%	0.1%	0.7%	0.2%	0.5%	5.7%	5.9%	100.0%	100.0%
Ladera Ranch CDP	14.6%	15.6%	67.2%	63.4%	9.4%	10.0%	1.2%	0.6%	0.1%	0.1%	0.1%	0.1%	0.2%	0.4%	7.3%	9.7%	100.0%	100.0%
Laguna Beach	11.2%	13.7%	78.1%	68.8%	2.7%	3.5%	0.7%	0.8%	0.1%	0.1%	0.1%	0.1%	0.5%	0.9%	6.6%	12.1%	100.0%	100.0%
Laguna Hills	29.2%	35.1%	52.6%	42.1%	10.2%	11.2%	0.9%	1.2%	0.2%	0.0%	0.1%	0.3%	0.3%	0.8%	6.6%	9.3%	100.0%	100.0%
Laguna Niguel	20.1%	25.0%	65.2%	55.1%	6.7%	8.0%	1.0%	0.9%	0.1%	0.1%	0.1%	0.1%	0.3%	0.9%	6.5%	10.0%	100.0%	100.0%
Laguna Woods	6.3%	38.1%	70.8%	4.8%	6.3%	5.7%	2.1%	10.5%	0.0%	0.0%	0.0%	2.9%	0.0%	2.9%	14.6%	35.2%	100.0%	100.0%
Lake Forest	33.4%	34.1%	47.6%	35.3%	10.9%	17.9%	1.3%	1.3%	0.2%	0.2%	0.1%	0.1%	0.3%	0.7%	6.2%	10.4%	100.0%	100.0%
Las Flores CDP	18.3%	22.3%	63.1%	53.7%	10.1%	12.9%	1.1%	1.2%	0.2%	0.0%	0.2%	0.0%	0.6%	0.6%	6.3%	9.3%	100.0%	100.0%
Los Alamitos	28.6%	35.7%	47.3%	32.5%	11.5%	17.4%	2.7%	3.2%	0.2%	0.0%	0.5%	0.6%	0.6%	0.9%	8.5%	9.7%	100.0%	100.0%
Midway City CDP	41.3%	45.6%	11.0%	5.9%	43.4%	45.1%	0.6%	0.3%	0.3%	0.0%	0.4%	0.1%	0.1%	0.3%	2.8%	2.6%	100.0%	100.0%
Mission Viejo	23.6%	28.0%	60.6%	49.6%	7.5%	10.0%	1.1%	0.9%	0.1%	0.1%	0.1%	0.1%	0.3%	0.6%	6.7%	10.6%	100.0%	100.0%
Newport Beach	10.7%	13.8%	76.8%	65.0%	6.0%	9.6%	0.6%	0.6%	0.2%	0.0%	0.1%	0.1%	0.3%	0.8%	5.3%	10.0%	100.0%	100.0%
North Tustin CDP	18.2%	24.0%	69.0%	52.2%	5.9%	10.6%	0.5%	0.4%	0.2%	0.2%	0.2%	0.2%	0.3%	0.6%	5.7%	11.9%	100.0%	100.0%
Orange	53.2%	56.9%	32.7%	25.2%	9.0%	9.8%	1.0%	1.1%	0.2%	0.1%	0.2%	0.2%	0.2%	0.6%	3.4%	6.1%	100.0%	100.0%
Placentia	49.3%	49.5%	32.0%	24.6%	13.2%	17.6%	1.4%	1.3%	0.2%	0.1%	0.1%	0.2%	0.2%	0.5%	3.6%	6.1%	100.0%	100.0%
Rancho Santa Margarita	23.0%	27.7%	61.9%	49.9%	7.1%	10.0%	1.2%	1.1%	0.1%	0.2%	0.2%	0.1%	0.2%	0.6%	6.3%	10.4%	100.0%	100.0%
Rossmoor CDP	17.5%	21.9%	67.1%	45.1%	8.0%	16.9%	0.7%	1.2%	0.3%	0.0%	0.2%	0.3%	0.0%	0.5%	6.0%	14.0%	100.0%	100.0%
San Clemente	24.7%	25.8%	66.6%	61.9%	2.6%	2.6%	0.4%	0.4%	0.3%	0.1%	0.1%	0.1%	0.2%	0.5%	5.2%	8.6%	100.0%	100.0%
San Juan Capistrano	55.1%	53.0%	39.4%	38.0%	1.9%	2.2%	0.2%	0.3%	0.2%	0.1%	0.0%	0.0%	0.2%	0.6%	2.9%	5.8%	100.0%	100.0%
Santa Ana	88.5%	87.0%	3.4%	3.5%	6.4%	7.1%	0.5%	0.5%	0.1%	0.1%	0.2%	0.2%	0.1%	0.4%	0.7%	1.2%	100.0%	100.0%
Seal Beach	18.1%	23.2%	63.0%	53.0%	8.3%	9.0%	1.1%	1.8%	0.1%	0.1%	0.4%	0.5%	0.6%	0.5%	8.4%	11.9%	100.0%	100.0%
Stanton	66.5%	64.2%	10.2%	7.3%	18.5%	22.6%	1.7%	1.3%	0.1%	0.2%	0.4%	0.6%	0.2%	0.7%	2.3%	3.1%	100.0%	100.0%
Tustin	53.4%	51.0%	23.9%	18.4%	16.2%	20.8%	1.6%	1.8%	0.2%	0.1%	0.4%	0.2%	0.3%	0.8%	4.1%	6.9%	100.0%	100.0%
Villa Park	15.5%	18.6%	66.3%	47.2%	12.3%	20.4%	0.7%	0.3%	0.5%	0.2%	0.1%	0.1%	0.2%	0.4%	4.5%	12.9%	100.0%	100.0%
Westminster	34.0%	36.0%	16.1%	13.6%	45.0%	44.7%	0.6%	0.7%	0.1%	0.1%	0.4%	0.5%	0.1%	0.3%	3.7%	4.1%	100.0%	100.0%
Yorba Linda	19.4%	24.5%	58.3%	40.1%	15.2%	25.1%	1.1%	0.9%	0.2%	0.1%	0.1%	0.1%	0.3%	0.7%	5.5%	8.4%	100.0%	100.0%
Unincorporated	52.4%	43.3%	32.5%	35.4%	9.7%	12.9%	0.8%	1.3%	0.3%	0.1%	0.3%	0.3%	0.4%	0.7%	3.7%	6.1%	100.0%	100.0%
Total Orange County	46.7%	45.4%	31.9%	26.5%	15.2%	19.4%	1.3%	1.3%	0.2%	0.1%	0.3%	0.2%	0.3%	0.6%	4.2%	6.5%	100.0%	100.0%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 7: Orange County Group Quarters Population by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Institutional										Noninstitutional						Group Quarters					
	Institutional Total		Adult Correctional				Juvenile		Nursing		Other		Noninstitutional Total		College		Military		Other		Group Quarters Total	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	19	0	0	0	0	0	19	0	0	0	450	836	446	428	0	0	4	408	469	836		
Anaheim	1,537	1,336	63	70	76	33	1,376	1,183	22	50	2,020	3,448	245	926	0	0	1,775	2,522	3,557	4,784		
Brea	0	111	0	0	0	0	0	111	0	0	69	161	0	0	0	0	69	161	69	272		
Buena Park	261	199	0	0	19	12	242	187	0	0	553	449	0	5	0	0	553	444	814	648		
Costa Mesa	738	462	0	0	65	50	581	124	92	288	2,232	1,472	791	65	0	0	1,441	1,407	2,970	1,934		
Coto de Caza CDP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cypress	0	0	0	0	0	0	0	0	0	0	502	302	0	0	0	0	502	302	502	302		
Dana Point	81	54	4	0	0	0	77	54	0	0	160	155	0	0	0	0	160	155	241	209		
Fountain Valley	180	150	0	0	12	38	160	100	8	12	257	210	0	0	0	0	257	210	437	360		
Fullerton	759	620	0	0	130	85	629	531	0	4	2,318	2,998	1,231	1,939	0	0	1,087	1,059	3,077	3,618		
Garden Grove	707	545	67	22	0	0	624	489	16	34	1,234	1,438	0	0	0	0	1,234	1,438	1,941	1,983		
Huntington Beach	403	345	0	0	12	36	391	309	0	0	487	923	0	0	0	0	487	923	890	1,268		
Irvine	588	29	526	0	7	0	55	29	0	0	5,968	16,825	5,705	16,644	0	0	263	181	6,556	16,854		
La Habra	171	170	0	0	0	0	167	170	4	0	169	528	0	0	0	0	169	528	340	698		
La Palma	6	0	0	0	6	0	0	0	0	0	14	26	0	0	0	0	14	26	20	26		
Ladera Ranch CDP	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11	0	11		
Laguna Beach	0	0	0	0	0	0	0	0	0	0	89	132	0	0	0	0	89	132	89	132		
Laguna Hills	136	234	0	0	0	0	136	234	0	0	233	143	0	0	0	0	233	143	369	377		
Laguna Niguel	0	40	0	0	0	0	0	40	0	0	248	246	0	0	0	0	248	246	248	286		
Laguna Woods	0	42	0	0	0	0	0	42	0	0	167	26	0	0	0	0	167	26	167	68		
Lake Forest	216	132	0	0	0	0	216	132	0	0	299	287	0	0	0	0	299	287	515	419		
Las Flores CDP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Los Alamitos	203	127	0	0	0	0	203	127	0	0	40	12	0	0	0	0	40	12	243	139		
Midway City CDP	0	98	0	0	0	0	0	98	0	0	103	38	0	0	0	0	103	38	103	136		
Mission Viejo	83	107	0	0	17	0	66	107	0	0	859	896	0	0	0	0	859	896	942	1,003		
Newport Beach	251	306	0	0	0	0	221	306	30	0	151	236	0	0	0	0	151	236	402	542		
North Tustin CDP	30	40	0	0	22	31	8	9	0	0	161	72	0	0	0	0	161	72	191	112		
Orange	3,666	3,156	2,641	2,475	653	181	299	483	73	17	2,587	3,642	1,719	2,912	0	0	868	730	6,253	6,798		
Placentia	84	112	0	0	11	62	73	50	0	0	253	274	0	0	0	0	253	274	337	386		
Rancho Santa Margarita	0	0	0	0	0	0	0	0	0	0	2	29	0	0	0	0	2	29	2	29		
Rossmoor CDP	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20	0	20		
San Clemente	28	0	23	0	5	0	0	0	0	0	245	460	0	0	0	0	245	460	273	460		
San Juan Capistrano	0	158	0	0	0	0	0	146	0	12	87	159	0	0	0	0	87	159	87	317		
Santa Ana	3,243	3,806	2,210	3,167	138	2	895	631	0	6	1,415	1,561	12	0	0	0	1,403	1,561	4,658	5,367		
Seal Beach	203	174	13	22	0	0	183	152	7	0	22	87	0	0	14	83	8	4	225	261		
Stanton	258	365	0	0	0	0	240	320	18	45	92	301	0	0	0	0	92	301	350	666		
Tustin	180	107	0	0	0	0	150	107	30	0	340	346	0	0	0	0	340	346	520	453		
Villa Park	5	0	0	0	5	0	0	0	0	0	40	29	0	0	0	0	40	29	45	29		
Westminster	289	361	0	0	0	0	197	282	92	79	381	288	0	0	0	0	381	288	670	649		
Yorba Linda	93	334	0	0	0	0	93	334	0	0	97	139	0	0	0	0	97	139	190	473		
Unincorporated	113	111	0	10	88	63	25	5	0	33	361	395	3	0	0	0	358	395	474	506		
Total Orange County	14,531	13,831	5,547	5,766	1,266	593	7,326	6,892	392	580	24,705	39,600	10,152	22,919	14	83	14,539	16,598	39,236	53,431		

Institutional Group Quarters - Facilities that house people under formally authorized, supervised care or custody in institutions at the time of enumeration. Such people are referred to as patients or inmates.
 Adult Correctional - correctional facilities for adults that includes federal detention centers, federal and state prisons, local jails and other municipal confinement facilities, correctional residential facilities, and military disciplinary barracks and jails.
 Juvenile - Includes group homes for juveniles (non-correctional), residential treatment center for juveniles (non-correctional), and correctional facilities intended for juveniles.
 Nursing - Facilities licensed to provide medical care with seven day, twenty-four hour coverage for people requiring long-term non-acute care. People in these facilities require nursing care, regardless of age.
 Other Institutional - Facilities in an institutionalized setting that do not fit into one of the before mentioned categories. They include hospitals with patients who have no usual home elsewhere, hospice, mental hospitals and psychiatric units, and military treatment facilities.
 Noninstitutional Group Quarters - Facilities that house people who live in group quarters other than institutions such as college dormitories, military quarters, and group homes.
 College - residence halls and dormitories, which house college and university students in a group living arrangement. Fraternity and sorority housing recognized by the college or university are included.
 Military - These facilities include military personnel living in barracks, dormitories and military ships.
 Other Noninstitutional - Facilities in a noninstitutionalized setting that do not fit into one of the before mentioned categories. They include emergency and transitional shelters, group homes for adults, residential treatment centers, religious and worker group quarters.

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 8: Percent Share of Total Group Quarters Population by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Institutional										Noninstitutional						Group Quarters					
	Institutional Total		Adult Correctional				Juvenile		Nursing		Other		Noninstitutional Total		College		Military		Other		Group Quarters Total	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%	0.0%	0.0%	0.0%	95.9%	100.0%	95.1%	51.2%	0.0%	0.0%	0.9%	48.8%	100.0%	100.0%		
Anaheim	43.2%	27.9%	1.8%	1.5%	2.1%	0.7%	38.7%	24.7%	0.6%	1.0%	56.8%	72.1%	6.9%	19.4%	0.0%	0.0%	49.9%	52.7%	100.0%	100.0%		
Brea	0.0%	40.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	59.2%	0.0%	0.0%	0.0%	0.0%	100.0%	59.2%	100.0%	100.0%		
Buena Park	32.1%	30.7%	0.0%	0.0%	2.3%	1.9%	29.7%	28.9%	0.0%	0.0%	67.9%	69.3%	0.0%	0.8%	0.0%	0.0%	67.9%	68.5%	100.0%	100.0%		
Costa Mesa	24.8%	23.9%	0.0%	0.0%	2.2%	2.6%	19.6%	6.4%	3.1%	14.9%	75.2%	76.1%	26.6%	3.4%	0.0%	0.0%	48.5%	72.8%	100.0%	100.0%		
Coto de Caza CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%		
Cypress	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%		
Dana Point	33.6%	25.8%	1.7%	0.0%	0.0%	0.0%	32.0%	25.8%	0.0%	0.0%	66.4%	74.2%	0.0%	0.0%	0.0%	0.0%	66.4%	74.2%	100.0%	100.0%		
Fountain Valley	41.2%	41.7%	0.0%	0.0%	2.7%	10.6%	36.6%	27.8%	1.8%	3.3%	58.8%	58.3%	0.0%	0.0%	0.0%	0.0%	58.8%	58.3%	100.0%	100.0%		
Fullerton	24.7%	17.1%	0.0%	0.0%	4.2%	2.3%	20.4%	14.7%	0.0%	0.1%	75.3%	82.9%	40.0%	53.6%	0.0%	0.0%	35.3%	29.3%	100.0%	100.0%		
Garden Grove	36.4%	27.5%	3.5%	1.1%	0.0%	0.0%	32.1%	24.7%	0.8%	1.7%	63.6%	72.5%	0.0%	0.0%	0.0%	0.0%	63.6%	72.5%	100.0%	100.0%		
Huntington Beach	45.3%	27.2%	0.0%	0.0%	1.3%	2.8%	43.9%	24.4%	0.0%	0.0%	54.7%	72.8%	0.0%	0.0%	0.0%	0.0%	54.7%	72.8%	100.0%	100.0%		
Irvine	9.0%	0.2%	8.0%	0.0%	0.1%	0.0%	0.8%	0.2%	0.0%	0.0%	91.0%	99.8%	87.0%	98.8%	0.0%	0.0%	4.0%	1.1%	100.0%	100.0%		
La Habra	50.3%	24.4%	0.0%	0.0%	0.0%	0.0%	49.1%	24.4%	1.2%	0.0%	49.7%	75.6%	0.0%	0.0%	0.0%	0.0%	49.7%	75.6%	100.0%	100.0%		
La Palma	30.0%	0.0%	0.0%	0.0%	30.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70.0%	100.0%	0.0%	0.0%	0.0%	0.0%	70.0%	100.0%	100.0%	100.0%		
Ladera Ranch CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	
Laguna Beach	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%		
Laguna Hills	36.9%	62.1%	0.0%	0.0%	0.0%	0.0%	36.9%	62.1%	0.0%	0.0%	63.1%	37.9%	0.0%	0.0%	0.0%	0.0%	63.1%	37.9%	100.0%	100.0%		
Laguna Niguel	0.0%	14.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.0%	0.0%	0.0%	100.0%	86.0%	0.0%	0.0%	0.0%	0.0%	100.0%	86.0%	100.0%	100.0%		
Laguna Woods	0.0%	61.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	38.2%	0.0%	0.0%	0.0%	0.0%	100.0%	38.2%	100.0%	100.0%		
Lake Forest	41.9%	31.5%	0.0%	0.0%	0.0%	0.0%	41.9%	31.5%	0.0%	0.0%	58.1%	68.5%	0.0%	0.0%	0.0%	0.0%	58.1%	68.5%	100.0%	100.0%		
Las Flores CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%		
Los Alamitos	83.5%	91.4%	0.0%	0.0%	0.0%	0.0%	83.5%	91.4%	0.0%	0.0%	16.5%	8.6%	0.0%	0.0%	0.0%	0.0%	16.5%	8.6%	100.0%	100.0%		
Midway City CDP	0.0%	72.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	27.9%	0.0%	0.0%	0.0%	0.0%	100.0%	27.9%	100.0%	100.0%		
Mission Viejo	8.8%	10.7%	0.0%	0.0%	1.8%	0.0%	7.0%	10.7%	0.0%	0.0%	91.2%	89.3%	0.0%	0.0%	0.0%	0.0%	91.2%	89.3%	100.0%	100.0%		
Newport Beach	62.4%	56.5%	0.0%	0.0%	0.0%	0.0%	55.0%	56.5%	7.5%	0.0%	37.6%	43.5%	0.0%	0.0%	0.0%	0.0%	37.6%	43.5%	100.0%	100.0%		
North Tustin CDP	15.7%	35.7%	0.0%	0.0%	11.5%	27.7%	4.2%	8.0%	0.0%	0.0%	84.3%	64.3%	0.0%	0.0%	0.0%	0.0%	84.3%	64.3%	100.0%	100.0%		
Orange	58.6%	46.4%	42.2%	36.4%	10.4%	2.7%	4.8%	7.1%	1.2%	0.3%	41.4%	53.6%	27.5%	42.8%	0.0%	0.0%	13.9%	10.7%	100.0%	100.0%		
Placentia	24.9%	29.0%	0.0%	0.0%	3.3%	16.1%	21.7%	13.0%	0.0%	0.0%	75.1%	71.0%	0.0%	0.0%	0.0%	0.0%	75.1%	71.0%	100.0%	100.0%		
Rancho Santa Margarita	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%		
Rossmoor CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	
San Clemente	10.3%	0.0%	8.4%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	89.7%	100.0%	0.0%	0.0%	0.0%	0.0%	89.7%	100.0%	100.0%	100.0%		
San Juan Capistrano	0.0%	49.8%	0.0%	0.0%	0.0%	0.0%	0.0%	46.1%	0.0%	3.8%	100.0%	50.2%	0.0%	0.0%	0.0%	0.0%	100.0%	50.2%	100.0%	100.0%		
Santa Ana	69.6%	70.9%	47.4%	59.0%	3.0%	0.0%	19.2%	11.8%	0.0%	0.1%	30.4%	29.1%	0.3%	0.0%	0.0%	0.0%	30.1%	29.1%	100.0%	100.0%		
Seal Beach	90.2%	66.7%	5.8%	8.4%	0.0%	0.0%	81.3%	58.2%	3.1%	0.0%	9.8%	33.3%	0.0%	0.0%	6.2%	31.8%	3.6%	1.5%	100.0%	100.0%		
Stanton	73.7%	54.8%	0.0%	0.0%	0.0%	0.0%	68.6%	48.0%	5.1%	6.8%	26.3%	45.2%	0.0%	0.0%	0.0%	0.0%	26.3%	45.2%	100.0%	100.0%		
Tustin	34.6%	23.6%	0.0%	0.0%	0.0%	0.0%	28.8%	23.6%	5.8%	0.0%	65.4%	76.4%	0.0%	0.0%	0.0%	0.0%	65.4%	76.4%	100.0%	100.0%		
Villa Park	11.1%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	88.9%	100.0%	0.0%	0.0%	0.0%	0.0%	88.9%	100.0%	100.0%	100.0%		
Westminster	43.1%	55.6%	0.0%	0.0%	0.0%	0.0%	29.4%	43.5%	13.7%	12.2%	56.9%	44.4%	0.0%	0.0%	0.0%	0.0%	56.9%	44.4%	100.0%	100.0%		
Yorba Linda	48.9%	70.6%	0.0%	0.0%	0.0%	0.0%	48.9%	70.6%	0.0%	0.0%	51.1%	29.4%	0.0%	0.0%	0.0%	0.0%	51.1%	29.4%	100.0%	100.0%		
Unincorporated	23.8%	21.9%	0.0%	2.0%	18.6%	12.5%	5.3%	1.0%	0.0%	6.5%	76.2%	78.1%	0.6%	0.0%	0.0%	0.0%	75.5%	78.1%	100.0%	100.0%		
Total Orange County	37.0%	25.9%	14.1%	10.8%	3.2%	1.1%	18.7%	12.9%	1.0%	1.1%	63.0%	74.1%	25.9%	42.9%	0.0%	0.2%	37.1%	31.1%	100.0%	100.0%		

Institutional Group Quarters - Facilities that house people under formally authorized, supervised care or custody in institutions at the time of enumeration. Such people are referred to as patients or inmates.

Adult Correctional - correctional facilities for adults that includes federal detention centers, federal and state prisons, local jails and other municipal confinement facilities, correctional residential facilities, and military disciplinary barracks and jails.

Juvenile - Includes group homes for juveniles (non-correctional), residential treatment center for juveniles (non-correctional), and correctional facilities intended for juveniles.

Nursing - Facilities licensed to provide medical care with seven day, twenty-four hour coverage for people requiring long-term non-acute care. People in these facilities require nursing care, regardless of age.

Other Institutional - Facilities in an institutionalized setting that do not fit into one of the before mentioned categories. They include hospitals with patients who have no usual home elsewhere, hospice, mental hospitals and psychiatric units, and military treatment facilities.

Noninstitutional Group Quarters - Facilities that house people who live in group quarters other than institutions such as college dormitories, military quarters, and group homes.

College - residence halls and dormitories, which house college and university students in a group living arrangement. Fraternity and sorority housing recognized by the college or university are included.

Military - These facilities include military personnel living in barracks, dormitories and military ships.

Other Noninstitutional - Facilities in a noninstitutionalized setting that do not fit into one of the before mentioned categories. They include emergency and transitional shelters, group homes for adults, residential treatment centers, religious and worker group quarters.

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 9: Orange County Total Housing Units by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Total Housing Units		Occupied Units (Households)		Vacant Units	
	2010	2020	2010	2020	2010	2020
Aliso Viejo	18,867	20,189	18,204	19,565	663	624
Anaheim	104,237	110,388	98,294	105,740	5,943	4,648
Brea	14,785	17,881	14,266	17,069	519	812
Buena Park	24,623	25,628	23,686	25,155	937	473
Costa Mesa	42,120	44,047	39,946	42,179	2,174	1,868
Coto de Caza CDP	4,853	4,992	4,736	4,876	117	116
Cypress	16,068	16,855	15,654	16,490	414	365
Dana Point	15,938	16,254	14,182	14,249	1,756	2,005
Fountain Valley	19,164	19,561	18,648	19,157	516	404
Fullerton	47,869	50,411	45,391	48,412	2,478	1,999
Garden Grove	47,755	48,562	46,037	47,362	1,718	1,200
Huntington Beach	78,003	82,734	74,285	79,101	3,718	3,633
Irvine	83,899	119,215	78,978	110,007	4,921	9,208
La Habra	19,924	20,801	18,977	20,245	947	556
La Palma	5,224	5,270	5,080	5,160	144	110
Ladera Ranch CDP	7,410	8,139	7,115	7,934	295	205
Laguna Beach	12,923	12,973	10,821	10,758	2,102	2,215
Laguna Hills	11,046	11,426	10,469	11,023	577	403
Laguna Niguel	25,312	27,281	24,232	25,425	1,080	1,856
Laguna Woods	13,016	13,414	11,302	11,958	1,714	1,456
Lake Forest	27,088	30,570	26,224	29,728	864	842
Las Flores CDP	1,969	1,981	1,916	1,948	53	33
Los Alamitos	4,355	4,376	4,212	4,266	143	110
Midway City CDP	2,574	2,595	2,428	2,521	146	74
Mission Viejo	34,228	34,982	33,208	34,072	1,020	910
Newport Beach	44,193	45,016	38,751	38,402	5,442	6,614
North Tustin CDP	8,866	8,911	8,580	8,641	286	270
Orange	45,111	46,893	43,367	45,382	1,744	1,511
Placentia	16,872	17,368	16,365	16,915	507	453
Rancho Santa Margarita	17,260	17,606	16,665	17,188	595	418
Rossmore CDP	3,710	3,765	3,631	3,632	79	133
San Clemente	25,966	26,647	23,906	24,490	2,060	2,157
San Juan Capistrano	11,940	12,319	11,394	11,849	546	470
Santa Ana	76,896	79,181	73,174	76,622	3,722	2,559
Seal Beach	14,558	14,645	13,017	13,369	1,541	1,276
Stanton	11,283	11,361	10,825	11,018	458	343
Tustin	26,476	28,223	25,203	27,266	1,273	957
Villa Park	2,016	2,020	1,976	1,943	40	77
Westminster	27,650	27,910	26,164	27,025	1,486	885
Yorba Linda	22,305	23,685	21,576	23,083	729	602
Unincorporated	10,555	13,710	9,896	12,880	659	830
Total Orange County	1,048,907	1,129,785	992,781	1,074,105	56,126	55,680

Table 10: Percent Share of Housing Units Type and Jurisdiction, 2010 and 2020

Jurisdiction	Total Housing Units		Occupied Units (Households)		Vacant Units	
	2010	2020	2010	2020	2010	2020
Aliso Viejo	100%	100%	96.5%	96.9%	3.5%	3.1%
Anaheim	100%	100%	94.3%	95.8%	5.7%	4.2%
Brea	100%	100%	96.5%	95.5%	3.5%	4.5%
Buena Park	100%	100%	96.2%	98.2%	3.8%	1.8%
Costa Mesa	100%	100%	94.8%	95.8%	5.2%	4.2%
Coto de Caza CDP	100%	100%	97.6%	97.7%	2.4%	2.3%
Cypress	100%	100%	97.4%	97.8%	2.6%	2.2%
Dana Point	100%	100%	89.0%	87.7%	11.0%	12.3%
Fountain Valley	100%	100%	97.3%	97.9%	2.7%	2.1%
Fullerton	100%	100%	94.8%	96.0%	5.2%	4.0%
Garden Grove	100%	100%	96.4%	97.5%	3.6%	2.5%
Huntington Beach	100%	100%	95.2%	95.6%	4.8%	4.4%
Irvine	100%	100%	94.1%	92.3%	5.9%	7.7%
La Habra	100%	100%	95.2%	97.3%	4.8%	2.7%
La Palma	100%	100%	97.2%	97.9%	2.8%	2.1%
Ladera Ranch CDP	100%	100%	96.0%	97.5%	4.0%	2.5%
Laguna Beach	100%	100%	83.7%	82.9%	16.3%	17.1%
Laguna Hills	100%	100%	94.8%	96.5%	5.2%	3.5%
Laguna Niguel	100%	100%	95.7%	93.2%	4.3%	6.8%
Laguna Woods	100%	100%	86.8%	89.1%	13.2%	10.9%
Lake Forest	100%	100%	96.8%	97.2%	3.2%	2.8%
Las Flores CDP	100%	100%	97.3%	98.3%	2.7%	1.7%
Los Alamitos	100%	100%	96.7%	97.5%	3.3%	2.5%
Midway City CDP	100%	100%	94.3%	97.1%	5.7%	2.9%
Mission Viejo	100%	100%	97.0%	97.4%	3.0%	2.6%
Newport Beach	100%	100%	87.7%	85.3%	12.3%	14.7%
North Tustin CDP	100%	100%	96.8%	97.0%	3.2%	3.0%
Orange	100%	100%	96.1%	96.8%	3.9%	3.2%
Placentia	100%	100%	97.0%	97.4%	3.0%	2.6%
Rancho Santa Margarita	100%	100%	96.6%	97.6%	3.4%	2.4%
Rossmoor CDP	100%	100%	97.9%	96.5%	2.1%	3.5%
San Clemente	100%	100%	92.1%	91.9%	7.9%	8.1%
San Juan Capistrano	100%	100%	95.4%	96.2%	4.6%	3.8%
Santa Ana	100%	100%	95.2%	96.8%	4.8%	3.2%
Seal Beach	100%	100%	89.4%	91.3%	10.6%	8.7%
Stanton	100%	100%	95.9%	97.0%	4.1%	3.0%
Tustin	100%	100%	95.2%	96.6%	4.8%	3.4%
Villa Park	100%	100%	98.0%	96.2%	2.0%	3.8%
Westminster	100%	100%	94.6%	96.8%	5.4%	3.2%
Yorba Linda	100%	100%	96.7%	97.5%	3.3%	2.5%
Unincorporated	100%	100%	93.8%	93.9%	6.2%	6.1%
Total Orange County	100%	100%	94.6%	95.1%	5.4%	4.9%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 11: Change in Orange County Total Population by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
	Aliso Viejo	1,672	20.5%	-494	-1.7%	1,607	23.3%	57	6.4%	-34	-41.5%	80	106.7%	187	137.5%	1,278	62.8%	4,353
Anaheim	9,184	5.2%	-14,125	-15.3%	11,422	23.2%	256	3.1%	-97	-13.1%	-140	-9.7%	857	136.5%	3,202	51.6%	10,559	3.1%
Brea	3,155	32.1%	-2,434	-11.8%	6,014	85.1%	285	57.1%	11	12.2%	-8	-12.9%	148	180.5%	872	89.5%	8,043	20.5%
Buena Park	2,692	8.5%	-5,971	-26.8%	6,267	29.5%	-305	-10.9%	-14	-7.4%	-16	-4.1%	206	148.2%	645	35.2%	3,504	4.4%
Costa Mesa	1,392	3.5%	-2,824	-5.0%	972	11.5%	-46	-3.4%	-34	-12.8%	-74	-15.2%	375	154.3%	2,197	80.4%	1,958	1.8%
Coto de Caza CDP	352	30.1%	-1,497	-12.3%	494	57.4%	49	38.0%	-8	-34.8%	-13	-65.0%	43	143.3%	424	102.2%	-156	-1.0%
Cypress	1,910	21.8%	-4,509	-21.6%	3,893	26.2%	146	10.6%	-57	-40.1%	47	23.0%	116	133.3%	803	53.6%	2,349	4.9%
Dana Point	632	11.2%	-2,005	-7.9%	254	24.5%	13	5.1%	-44	-40.0%	-7	-18.9%	100	158.7%	813	113.1%	-244	-0.7%
Fountain Valley	1,587	21.9%	-5,004	-18.4%	4,208	23.0%	53	11.2%	-56	-44.1%	-33	-20.8%	121	107.1%	858	52.5%	1,734	3.1%
Fullerton	7,724	16.6%	-9,506	-18.4%	7,427	24.4%	181	6.5%	38	15.1%	-4	-1.5%	448	184.4%	2,148	72.5%	8,456	6.3%
Garden Grove	1,023	1.6%	-10,386	-26.9%	9,406	14.9%	-157	-9.0%	-66	-23.1%	-271	-26.3%	469	214.2%	1,048	36.9%	1,066	0.6%
Huntington Beach	7,046	21.7%	-10,104	-7.9%	5,129	24.7%	476	29.1%	-89	-16.7%	-63	-10.6%	839	212.4%	5,485	91.5%	8,719	4.6%
Irvine	16,234	82.7%	10,234	10.7%	57,003	68.9%	3,152	90.2%	86	43.2%	46	15.6%	1,236	223.1%	7,304	75.5%	95,295	44.9%
La Habra	2,990	8.7%	-3,225	-17.7%	2,301	41.8%	211	25.2%	-5	-3.4%	-20	-25.0%	166	188.6%	440	45.9%	2,858	4.7%
La Palma	452	18.2%	-1,005	-23.2%	403	5.4%	-7	-0.9%	-8	-30.8%	41	113.9%	11	25.6%	126	28.5%	13	0.1%
Ladera Ranch CDP	655	22.2%	1,100	6.9%	655	24.0%	-59	-18.9%	7	21.2%	1	3.7%	84	271.0%	747	78.5%	3,190	13.9%
Laguna Beach	505	30.6%	-1,144	-5.9%	164	20.6%	23	14.6%	-9	-26.5%	5	38.5%	78	150.0%	687	125.6%	309	1.4%
Laguna Hills	1,247	20.0%	-1,876	-10.0%	925	24.4%	47	12.6%	-21	-39.6%	-4	-8.9%	108	166.2%	604	57.5%	1,030	3.4%
Laguna Niguel	1,749	20.0%	-2,858	-6.3%	916	17.0%	73	10.5%	0	0.0%	-12	-15.2%	226	191.5%	1,282	59.9%	1,376	2.2%
Laguna Woods	289	44.5%	-1,394	-10.3%	2,183	135.3%	53	50.5%	-8	-47.1%	0	0.0%	17	94.4%	312	174.3%	1,452	9.0%
Lake Forest	2,921	15.4%	-3,671	-8.3%	6,665	66.8%	154	13.3%	-42	-21.5%	-28	-16.3%	284	171.1%	2,311	96.8%	8,594	11.1%
Las Flores CDP	77	7.8%	-358	-9.3%	182	23.8%	-9	-10.1%	-5	-35.7%	-2	-16.7%	21	123.5%	118	50.9%	24	0.4%
Los Alamitos	608	25.1%	-1,272	-18.9%	613	42.4%	47	15.7%	12	54.5%	22	46.8%	22	47.8%	279	62.3%	331	2.9%
Midway City CDP	336	13.6%	-628	-35.4%	637	16.1%	-17	-27.4%	-11	-45.8%	-22	-57.9%	14	140.0%	31	20.9%	340	4.0%
Mission Viejo	2,109	13.3%	-6,486	-10.1%	2,510	30.2%	5	0.4%	-59	-33.5%	6	4.1%	253	125.9%	2,010	63.0%	348	0.4%
Newport Beach	2,016	32.7%	-5,790	-8.3%	1,518	25.6%	55	9.6%	-52	-34.2%	-14	-14.7%	252	152.7%	2,068	105.4%	53	0.1%
North Tustin CDP	1,220	37.4%	-2,306	-12.3%	981	49.7%	25	18.1%	-31	-53.4%	-9	-19.1%	54	98.2%	867	144.5%	801	3.2%
Orange	5,561	10.7%	-8,475	-13.3%	2,942	19.5%	326	17.2%	-68	-19.0%	7	2.2%	422	173.0%	2,780	104.4%	3,495	2.6%
Placentia	1,275	6.9%	-3,597	-15.9%	2,483	33.3%	128	15.6%	-18	-14.6%	11	19.0%	145	195.9%	864	86.7%	1,291	2.6%
Rancho Santa Margarita	1,395	15.7%	-4,124	-12.9%	1,443	33.8%	-27	-3.4%	-9	-11.0%	4	4.5%	134	147.3%	1,280	81.0%	96	0.2%
Rossmoor CDP	454	38.7%	-1,222	-15.6%	714	87.9%	25	32.9%	-17	-58.6%	3	14.3%	23	328.6%	401	143.2%	381	3.7%
San Clemente	977	9.1%	-2,365	-4.9%	244	10.8%	33	9.5%	-13	-6.7%	10	12.8%	264	296.6%	1,621	102.1%	771	1.2%
San Juan Capistrano	316	2.4%	-721	-3.7%	242	25.4%	-7	-4.8%	-50	-32.1%	-8	-26.7%	104	241.9%	727	128.4%	603	1.7%
Santa Ana	-15,906	-6.3%	-3,512	-11.7%	3,822	11.4%	-432	-13.6%	-22	-4.3%	-191	-23.1%	546	145.6%	1,394	64.9%	-14,301	-4.4%
Seal Beach	822	35.3%	-1,766	-9.5%	1,351	59.4%	115	45.1%	15	39.5%	-6	-11.5%	29	46.8%	514	89.1%	1,074	4.4%
Stanton	-610	-3.1%	-2,372	-28.4%	2,542	29.2%	-37	-5.3%	-49	-45.8%	6	3.0%	123	164.0%	173	27.3%	-224	-0.6%
Tustin	2,688	9.0%	-3,416	-13.0%	3,896	25.7%	84	5.5%	-47	-33.1%	-51	-20.9%	233	125.9%	1,349	69.3%	4,736	6.3%
Villa Park	126	21.1%	-536	-12.8%	268	31.6%	5	11.9%	-24	-92.3%	4	400.0%	2	18.2%	186	170.6%	31	0.5%
Westminster	1,169	5.5%	-5,010	-21.8%	4,099	9.7%	153	21.9%	14	10.6%	91	28.1%	137	121.2%	557	29.8%	1,210	1.3%
Yorba Linda	3,049	33.1%	-6,161	-14.6%	5,613	56.4%	-3	-0.4%	-20	-16.7%	-15	-19.2%	222	146.1%	1,417	81.7%	4,102	6.4%
Unincorporated	768	5.8%	2,971	19.7%	2,239	57.0%	180	49.5%	-14	-14.3%	-16	-12.5%	106	163.1%	903	134.0%	7,137	21.2%
Total Orange County	73,861	7.3%	-129,844	-9.8%	166,647	31.3%	5,304	12.1%	-918	-14.8%	-643	-7.7%	9,225	164.9%	53,125	73.7%	176,757	5.9%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 12: Change in Orange County Population 18 Years and Over by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
	Aliso Viejo	1,607	29.4%	719	3.2%	1,489	28.0%	136	19.5%	-27	-40.9%	41	64.1%	142	173.2%	1,043	99.5%	5,150
Anaheim	18,581	16.2%	-9,752	-12.5%	11,505	29.1%	582	9.2%	-44	-7.5%	40	4.0%	617	146.2%	2,547	67.2%	24,076	9.9%
Brea	2,707	39.8%	-1,357	-8.0%	4,724	89.7%	242	61.6%	16	22.2%	-1	-2.2%	104	176.3%	653	120.5%	7,088	23.5%
Buena Park	3,625	17.5%	-4,604	-24.5%	6,060	35.6%	-68	-3.4%	8	5.2%	13	4.6%	139	163.5%	606	57.8%	5,779	9.6%
Costa Mesa	3,186	12.0%	-1,995	-4.1%	982	13.2%	6	0.5%	-32	-13.7%	-36	-9.9%	318	189.3%	1,678	97.7%	4,107	4.8%
Coto de Caza CDP	318	41.9%	-79	-0.9%	468	74.3%	56	56.6%	-11	-57.9%	-15	-93.8%	29	131.8%	353	212.7%	1,119	10.8%
Cypress	1,839	30.7%	-3,224	-18.7%	3,407	30.9%	131	12.4%	-55	-45.5%	53	32.1%	101	165.6%	706	92.3%	2,958	8.1%
Dana Point	715	18.0%	-1,122	-5.2%	288	31.6%	15	6.9%	-38	-40.0%	-7	-21.2%	82	174.5%	706	172.6%	639	2.3%
Fountain Valley	1,407	27.7%	-3,409	-15.1%	3,936	27.4%	73	18.8%	-31	-33.3%	-26	-20.3%	95	125.0%	719	80.4%	2,764	6.3%
Fullerton	8,524	27.6%	-7,134	-16.1%	6,904	29.0%	216	9.6%	39	18.5%	7	3.2%	367	215.9%	1,679	93.6%	10,602	10.2%
Garden Grove	4,876	11.8%	-7,828	-23.9%	10,787	22.1%	-84	-6.1%	-64	-26.2%	-113	-15.6%	380	262.1%	906	55.1%	8,860	7.0%
Huntington Beach	6,836	30.9%	-4,762	-4.5%	4,775	27.8%	472	35.3%	-42	-9.3%	-42	-8.8%	709	256.9%	4,373	134.0%	12,319	8.2%
Irvine	13,794	95.2%	9,780	12.4%	44,098	69.1%	2,700	99.3%	27	17.1%	18	7.4%	957	268.8%	5,063	87.3%	76,437	45.9%
La Habra	4,396	19.4%	-2,529	-16.3%	2,178	48.0%	213	33.3%	-3	-2.4%	-25	-36.2%	139	220.6%	369	62.9%	4,738	10.7%
La Palma	397	22.7%	-726	-19.8%	617	10.6%	40	6.9%	-5	-25.0%	26	83.9%	3	8.3%	148	60.2%	500	4.1%
Ladera Ranch CDP	512	30.8%	1,204	12.0%	569	29.9%	-15	-7.2%	3	11.1%	1	4.8%	63	370.6%	493	157.5%	2,830	20.0%
Laguna Beach	462	37.2%	-559	-3.4%	150	21.5%	22	16.5%	-9	-30.0%	3	27.3%	70	218.8%	528	172.0%	667	3.5%
Laguna Hills	1,101	25.8%	-864	-5.7%	934	30.1%	37	11.8%	-12	-29.3%	-16	-40.0%	82	195.2%	486	79.9%	1,748	7.4%
Laguna Niguel	1,679	28.4%	-34	-0.1%	940	21.2%	108	19.5%	5	5.1%	-12	-19.0%	170	232.9%	1,037	85.2%	3,893	8.0%
Laguna Woods	252	38.9%	-1,365	-10.1%	2,180	135.4%	43	41.3%	-8	-47.1%	-3	-30.0%	14	77.8%	282	164.0%	1,395	8.6%
Lake Forest	3,047	24.1%	-1,037	-3.0%	5,473	69.2%	158	17.2%	-24	-16.2%	-20	-13.8%	204	187.2%	1,594	132.0%	9,395	16.2%
Las Flores CDP	90	14.7%	59	2.3%	180	32.1%	-6	-9.1%	0	0.0%	2	25.0%	24	480.0%	96	92.3%	445	11.3%
Los Alamitos	404	24.7%	-878	-16.2%	444	39.2%	32	14.1%	18	112.5%	19	59.4%	14	48.3%	245	114.5%	298	3.4%
Midway City CDP	370	23.2%	-505	-32.7%	725	23.8%	-11	-22.0%	-4	-23.5%	-15	-51.7%	11	137.5%	43	48.9%	614	9.6%
Mission Viejo	2,186	20.1%	-2,336	-4.5%	2,338	34.8%	70	7.7%	-59	-39.1%	4	3.3%	220	165.4%	1,574	89.5%	3,997	5.5%
Newport Beach	1,671	36.3%	-3,474	-5.9%	1,069	21.2%	55	11.3%	-32	-25.0%	-8	-10.0%	196	170.4%	1,458	123.5%	935	1.3%
North Tustin CDP	963	43.9%	-1,142	-7.7%	740	45.4%	34	31.2%	-29	-61.7%	-9	-23.7%	42	120.0%	539	200.4%	1,138	6.0%
Orange	6,637	19.0%	-5,046	-9.5%	3,093	25.3%	358	22.9%	-29	-10.1%	11	4.3%	322	177.9%	2,152	136.4%	7,498	7.2%
Placentia	1,692	13.8%	-2,464	-13.2%	2,086	35.9%	153	23.9%	-14	-13.7%	2	4.3%	103	187.3%	610	112.3%	2,168	5.7%
Rancho Santa Margarita	1,560	27.3%	-987	-4.2%	1,337	40.7%	15	2.4%	-13	-19.7%	17	26.6%	97	159.0%	1,022	145.6%	3,048	9.0%
Rossmoor CDP	337	46.3%	-668	-10.9%	484	79.7%	13	22.8%	-10	-47.6%	2	13.3%	12	200.0%	194	152.8%	364	4.7%
San Clemente	1,309	19.0%	-429	-1.1%	297	16.0%	45	15.8%	15	9.7%	15	23.4%	216	342.9%	1,250	158.4%	2,718	5.7%
San Juan Capistrano	1,017	11.7%	-223	-1.4%	231	29.1%	-10	-8.0%	-37	-27.2%	-8	-28.6%	77	285.2%	536	168.6%	1,583	6.1%
Santa Ana	5,278	3.2%	-2,798	-10.5%	4,738	17.4%	-290	-10.8%	-4	-1.0%	-117	-19.0%	375	165.9%	1,141	78.3%	8,323	3.7%
Seal Beach	675	38.3%	-1,414	-8.5%	1,336	66.4%	95	43.4%	14	40.0%	-10	-25.0%	33	76.7%	414	133.1%	1,143	5.4%
Stanton	882	7.1%	-1,924	-26.5%	2,540	37.6%	31	5.9%	-48	-52.2%	2	1.3%	86	175.5%	146	37.3%	1,715	6.2%
Tustin	4,045	21.0%	-1,980	-9.2%	3,322	28.0%	76	6.3%	-25	-22.9%	-18	-10.5%	152	127.7%	900	80.6%	6,472	11.7%
Villa Park	110	26.3%	-261	-7.7%	196	27.8%	10	29.4%	-20	-100.0%	4	#DIV/0!	0	0.0%	102	178.9%	141	3.0%
Westminster	2,028	14.4%	-4,008	-20.4%	5,739	17.4%	156	27.4%	11	9.8%	87	35.1%	110	131.0%	621	56.8%	4,744	6.9%
Yorba Linda	2,502	40.6%	-2,863	-8.7%	4,319	57.2%	44	7.2%	-6	-6.8%	-7	-12.3%	159	147.2%	1,047	119.8%	5,195	10.7%
Unincorporated	1,247	13.9%	2,497	20.1%	1,889	60.6%	127	42.9%	-1	-1.3%	-14	-13.7%	77	220.0%	660	178.9%	6,482	25.5%
Total Orange County	114,864	17.2%	-71,521	-6.5%	149,567	35.6%	6,080	17.5%	-580	-11.5%	-155	-2.4%	7,111	189.6%	40,719	99.6%	246,085	10.8%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 13: Change in Orange County Population 0 to 17 Years by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
	Aliso Viejo	65	2.4%	-1,213	-17.7%	118	7.5%	-79	-40.5%	-7	-43.8%	39	354.5%	45	83.3%	235	23.8%	-797
Anaheim	-9,397	-15.0%	-4,373	-30.3%	-83	-0.9%	-326	-17.3%	-53	-33.1%	-180	-42.0%	240	116.5%	655	27.1%	-13,517	-14.7%
Brea	448	14.8%	-1,077	-29.6%	1,290	71.6%	43	40.6%	-5	-27.8%	-7	-43.8%	44	191.3%	219	50.7%	955	10.5%
Buena Park	-933	-8.6%	-1,367	-39.2%	207	4.9%	-237	-30.3%	-22	-66.7%	-29	-27.6%	67	124.1%	39	5.0%	-2,275	-11.2%
Costa Mesa	-1,794	-14.0%	-829	-10.0%	-10	-0.9%	-52	-23.2%	-2	-6.1%	-38	-31.1%	57	76.0%	519	51.1%	-2,149	-9.1%
Coto de Caza CDP	34	8.3%	-1,418	-39.3%	26	11.3%	-7	-23.3%	3	75.0%	2	50.0%	14	175.0%	71	28.5%	-1,275	-28.1%
Cypress	71	2.5%	-1,285	-35.6%	486	12.8%	15	4.6%	-2	-9.5%	-6	-15.4%	15	57.7%	97	13.2%	-609	-5.4%
Dana Point	-83	-4.9%	-883	-23.5%	-34	-26.8%	-2	-5.3%	-6	-40.0%	0	0.0%	18	112.5%	107	34.5%	-883	-14.8%
Fountain Valley	180	8.3%	-1,595	-34.7%	272	6.9%	-20	-23.5%	-25	-73.5%	-7	-22.6%	26	70.3%	139	18.8%	-1,030	-8.8%
Fullerton	-800	-5.1%	-2,372	-31.8%	523	7.9%	-35	-6.5%	-1	-2.5%	-11	-22.0%	81	111.0%	469	40.1%	-2,146	-6.8%
Garden Grove	-3,853	-17.8%	-2,558	-43.6%	-1,381	-9.7%	-73	-19.1%	-2	-4.8%	-158	-51.8%	89	120.3%	142	11.9%	-7,794	-17.8%
Huntington Beach	210	2.0%	-5,342	-24.5%	354	9.7%	4	1.4%	-47	-57.3%	-21	-17.9%	130	109.2%	1,112	40.7%	-3,600	-9.2%
Irvine	2,440	47.5%	454	2.7%	12,905	68.4%	452	58.3%	59	143.9%	28	54.9%	279	140.9%	2,241	57.9%	18,858	41.3%
La Habra	-1,406	-11.9%	-696	-26.3%	123	12.8%	-2	-1.0%	-2	-8.3%	5	45.5%	27	108.0%	71	19.1%	-1,880	-11.7%
La Palma	55	7.4%	-279	-41.7%	-214	-13.3%	-47	-24.1%	-3	-50.0%	15	300.0%	8	114.3%	-22	-11.2%	-487	-14.2%
Ladera Ranch CDP	143	11.1%	-104	-1.8%	86	10.3%	-44	-42.7%	4	66.7%	0	0.0%	21	150.0%	254	39.7%	360	4.1%
Laguna Beach	43	10.6%	-585	-20.5%	14	14.0%	1	4.0%	0	0.0%	2	100.0%	8	40.0%	159	66.3%	-358	-9.8%
Laguna Hills	146	7.4%	-1,012	-28.5%	-9	-1.3%	10	16.7%	-9	-75.0%	12	240.0%	26	113.0%	118	26.6%	-718	-10.6%
Laguna Niguel	70	2.5%	-2,824	-30.5%	-24	-2.5%	-35	-25.4%	-5	-29.4%	0	0.0%	56	124.4%	245	26.5%	-2,517	-17.7%
Laguna Woods	37	1233.3%	-29	-85.3%	3	100.0%	10	1000.0%	0	#DIV/0!	3	#DIV/0!	3	#DIV/0!	30	428.6%	57	118.8%
Lake Forest	-126	-2.0%	-2,634	-28.9%	1,192	57.3%	-4	-1.7%	-18	-38.3%	-8	-29.6%	80	140.4%	717	60.8%	-801	-4.2%
Las Flores CDP	-13	-3.5%	-417	-32.6%	2	1.0%	-3	-13.0%	-5	-100.0%	-4	-100.0%	-3	-25.0%	22	17.2%	-421	-20.7%
Los Alamitos	204	26.0%	-394	-30.4%	169	53.7%	15	20.5%	-6	-100.0%	3	20.0%	8	47.1%	34	14.5%	33	1.2%
Midway City CDP	-34	-3.9%	-123	-53.2%	-88	-9.6%	-6	-50.0%	-7	-100.0%	-7	-77.8%	3	150.0%	-12	-20.0%	-274	-13.0%
Mission Viejo	-77	-1.5%	-4,150	-32.2%	172	10.8%	-65	-28.9%	0	0.0%	2	8.3%	33	48.5%	436	30.5%	-3,649	-17.2%
Newport Beach	345	21.9%	-2,316	-20.4%	449	50.6%	0	0.0%	-20	-83.3%	-6	-40.0%	56	112.0%	610	78.1%	-882	-6.0%
North Tustin CDP	257	24.1%	-1,164	-28.8%	241	69.9%	-9	-31.0%	-2	-18.2%	0	0.0%	12	60.0%	328	99.1%	-337	-5.8%
Orange	-1,076	-6.3%	-3,429	-32.6%	-151	-5.2%	-32	-9.7%	-39	-54.9%	-4	-6.1%	100	158.7%	628	57.8%	-4,003	-12.5%
Placentia	-417	-6.8%	-1,133	-28.4%	397	24.2%	-25	-14.1%	-4	-19.0%	9	81.8%	42	221.1%	254	55.9%	-877	-7.0%
Rancho Santa Margarita	-165	-5.2%	-3,137	-36.5%	106	10.8%	-42	-25.3%	4	25.0%	-13	-54.2%	37	123.3%	258	29.4%	-2,952	-21.3%
Rossmoor CDP	117	26.2%	-554	-32.4%	230	112.2%	12	63.2%	-7	-87.5%	1	16.7%	11	1100.0%	207	135.3%	17	0.7%
San Clemente	-332	-8.7%	-1,936	-18.8%	-53	-12.9%	-12	-18.8%	-28	-71.8%	-5	-35.7%	48	184.6%	371	46.4%	-1,947	-12.6%
San Juan Capistrano	-701	-14.9%	-498	-14.8%	11	7.0%	3	14.3%	-13	-65.0%	0	0.0%	27	168.8%	191	77.0%	-980	-11.5%
Santa Ana	-21,184	-24.0%	-714	-21.2%	-916	-14.3%	-142	-28.7%	-18	-14.6%	-74	-35.1%	171	114.8%	253	36.7%	-22,624	-22.7%
Seal Beach	147	25.8%	-352	-17.7%	15	5.7%	20	55.6%	1	33.3%	4	33.3%	-4	-21.1%	100	37.6%	-69	-2.2%
Stanton	-1,492	-21.2%	-448	-41.6%	2	0.1%	-68	-38.6%	-1	-6.7%	4	8.7%	37	142.3%	27	11.1%	-1,939	-18.4%
Tustin	-1,357	-12.6%	-1,436	-29.7%	574	17.6%	8	2.5%	-22	-66.7%	-33	-45.2%	81	122.7%	449	54.2%	-1,736	-8.6%
Villa Park	16	8.9%	-275	-35.6%	72	50.3%	-5	-62.5%	-4	-66.7%	0	0.0%	2	100.0%	84	161.5%	-110	-9.5%
Westminster	-859	-12.1%	-1,002	-29.8%	-1,640	-17.4%	-3	-2.3%	3	15.0%	4	5.3%	27	93.1%	-64	-8.2%	-3,534	-16.9%
Yorba Linda	547	17.9%	-3,298	-35.9%	1,294	53.9%	-47	-27.0%	-14	-43.8%	-8	-38.1%	63	143.2%	370	43.0%	-1,093	-6.9%
Unincorporated	-479	-11.0%	474	17.5%	350	43.3%	53	77.9%	-13	-61.9%	-2	-7.7%	29	96.7%	243	79.7%	655	7.9%
Total Orange County	-41,003	-11.9%	-58,323	-24.8%	17,080	15.2%	-776	-8.4%	-338	-29.1%	-488	-24.1%	2,114	114.7%	12,406	39.7%	-69,328	-9.4%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 14: Orange County Group Quarters Population by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Institutional									Noninstitutional									Group Quarters Total	
	Institutional Total		Adult Correctional			Juvenile		Nursing		Other	Noninstitutional Total		College		Military		Other		#	%
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%		
Aliso Viejo	-19	-100.0%	0	0.0%	0	0.0%	-19	-100.0%	0	0.0%	386	85.8%	-19	-4.0%	0	0.0%	404	100.0%	367	78.3%
Anaheim	-201	-13.1%	7	11.1%	-43	-56.6%	-193	-14.0%	28	127.3%	1,428	70.7%	681	278.0%	0	0.0%	747	42.1%	1,227	34.5%
Brea	111	0.0%	0	0.0%	0	0.0%	111	0.0%	0	0.0%	92	133.3%	0	0.0%	0	0.0%	92	133.3%	203	294.2%
Buena Park	-62	-23.8%	0	0.0%	-7	-36.8%	-55	-22.7%	0	0.0%	-104	-18.8%	5	0.0%	0	0.0%	-109	-19.7%	-166	-20.4%
Costa Mesa	-276	-37.4%	0	0.0%	-15	-23.1%	-457	-78.7%	196	213.0%	-760	-34.1%	-726	-91.8%	0	0.0%	-34	-2.4%	-1,036	-34.9%
Coto de Caza CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Cypress	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-200	-39.8%	0	0.0%	0	0.0%	-200	-39.8%	-200	-39.8%
Dana Point	-27	-33.3%	-4	-100.0%	0	0.0%	-23	-29.9%	0	0.0%	-5	-3.1%	0	0.0%	0	0.0%	-5	-3.1%	-32	-13.3%
Fountain Valley	-30	-16.7%	0	0.0%	26	216.7%	-60	-37.5%	4	50.0%	-47	-18.3%	0	0.0%	0	0.0%	-47	-18.3%	-77	-17.6%
Fullerton	-139	-18.3%	0	0.0%	-45	-34.6%	-98	-15.6%	4	0.0%	680	29.3%	708	57.5%	0	0.0%	-28	-2.6%	541	17.6%
Garden Grove	-162	-22.9%	-45	-67.2%	0	0.0%	-135	-21.6%	18	112.5%	204	16.5%	0	0.0%	0	0.0%	204	16.5%	42	2.2%
Huntington Beach	-58	-14.4%	0	0.0%	24	200.0%	-82	-21.0%	0	0.0%	436	89.5%	0	0.0%	0	0.0%	436	89.5%	378	42.5%
Irvine	-559	-95.1%	-526	-100.0%	-7	-100.0%	-26	-47.3%	0	0.0%	10,857	181.9%	10,939	191.7%	0	0.0%	-82	-31.2%	10,298	157.1%
La Habra	-1	-0.6%	0	0.0%	0	0.0%	3	1.8%	-4	-100.0%	359	212.4%	0	0.0%	0	0.0%	359	212.4%	358	105.3%
La Palma	-6	-100.0%	0	0.0%	-6	-100.0%	0	0.0%	0	0.0%	12	85.7%	0	0.0%	0	0.0%	12	85.7%	6	30.0%
Ladera Ranch CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11	0.0%	0	0.0%	0	0.0%	11	0.0%	11	0.0%
Laguna Beach	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	43	48.3%	0	0.0%	0	0.0%	43	48.3%	43	48.3%
Laguna Hills	98	72.1%	0	0.0%	0	0.0%	98	72.1%	0	0.0%	-90	-38.6%	0	0.0%	0	0.0%	-90	-38.6%	8	2.2%
Laguna Niguel	40	0.0%	0	0.0%	0	0.0%	40	0.0%	0	0.0%	-2	-0.8%	0	0.0%	0	0.0%	-2	-0.8%	38	15.3%
Laguna Woods	42	0.0%	0	0.0%	0	0.0%	42	0.0%	0	0.0%	-141	-84.4%	0	0.0%	0	0.0%	-141	-84.4%	-99	-59.3%
Lake Forest	-84	-38.9%	0	0.0%	0	0.0%	-84	-38.9%	0	0.0%	-12	-4.0%	0	0.0%	0	0.0%	-12	-4.0%	-96	-18.6%
Las Flores CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Los Alamitos	-76	-37.4%	0	0.0%	0	0.0%	-76	-37.4%	0	0.0%	-28	-70.0%	0	0.0%	0	0.0%	-28	-70.0%	-104	-42.8%
Midway City CDP	98	0.0%	0	0.0%	0	0.0%	98	0.0%	0	0.0%	-65	-63.1%	0	0.0%	0	0.0%	-65	-63.1%	33	32.0%
Mission Viejo	24	28.9%	0	0.0%	-17	-100.0%	41	62.1%	0	0.0%	37	4.3%	0	0.0%	0	0.0%	37	4.3%	61	6.5%
Newport Beach	55	21.9%	0	0.0%	0	0.0%	85	38.5%	-30	-100.0%	85	56.3%	0	0.0%	0	0.0%	85	56.3%	140	34.8%
North Tustin CDP	10	33.3%	0	0.0%	9	40.9%	1	12.5%	0	0.0%	-89	-55.3%	0	0.0%	0	0.0%	-89	-55.3%	-79	-41.4%
Orange	-510	-13.9%	-166	-6.3%	-472	-72.3%	184	61.5%	-56	-76.7%	1,055	40.8%	1,193	69.4%	0	0.0%	-138	-15.9%	545	8.7%
Placentia	28	33.3%	0	0.0%	51	463.6%	-23	-31.5%	0	0.0%	21	8.3%	0	0.0%	0	0.0%	21	8.3%	49	14.5%
Rancho Santa Margarita	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	27	1350.0%	0	0.0%	0	0.0%	27	1350.0%	27	1350.0%
Rossmoor CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	20	0.0%	0	0.0%	0	0.0%	20	0.0%	20	0.0%
San Clemente	-28	-100.0%	-23	-100.0%	-5	-100.0%	0	0.0%	0	0.0%	215	87.8%	0	0.0%	0	0.0%	215	87.8%	187	68.5%
San Juan Capistrano	158	0.0%	0	0.0%	0	0.0%	146	0.0%	12	0.0%	72	82.8%	0	0.0%	0	0.0%	72	82.8%	230	264.4%
Santa Ana	563	17.4%	957	43.3%	-136	-98.6%	-264	-29.5%	6	0.0%	146	10.3%	-12	-100.0%	0	0.0%	158	11.3%	709	15.2%
Seal Beach	-29	-14.3%	9	69.2%	0	0.0%	-31	-16.9%	-7	-100.0%	65	295.5%	0	0.0%	69	492.9%	-4	-50.0%	36	16.0%
Stanton	107	41.5%	0	0.0%	0	0.0%	80	33.3%	27	150.0%	209	227.2%	0	0.0%	0	0.0%	209	227.2%	316	90.3%
Tustin	-73	-40.6%	0	0.0%	0	0.0%	-43	-28.7%	-30	-100.0%	6	1.8%	0	0.0%	0	0.0%	6	1.8%	-67	-12.9%
Villa Park	-5	-100.0%	0	0.0%	-5	-100.0%	0	0.0%	0	0.0%	-11	-27.5%	0	0.0%	0	0.0%	-11	-27.5%	-16	-35.6%
Westminster	72	24.9%	0	0.0%	0	0.0%	85	43.1%	-13	-14.1%	-93	-24.4%	0	0.0%	0	0.0%	-93	-24.4%	-21	-3.1%
Yorba Linda	241	259.1%	0	0.0%	0	0.0%	241	259.1%	0	0.0%	42	43.3%	0	0.0%	0	0.0%	42	43.3%	283	148.9%
Unincorporated	-2	-1.8%	10	0.0%	-25	-28.4%	-20	-80.0%	33	0.0%	34	9.4%	-3	-100.0%	0	0.0%	37	10.3%	32	6.8%
Total Orange County	-700	-4.8%	219	3.9%	-673	-53.2%	-434	-5.9%	188	48.0%	14,895	60.3%	12,767	125.8%	69	492.9%	2,059	14.2%	14,195	36.2%

Institutional Group Quarters - Facilities that house people under formally authorized, supervised care or custody in institutions at the time of enumeration. Such people are referred to as patients or inmates.

Adult Correctional - correctional facilities for adults that includes federal detention centers, federal and state prisons, local jails and other municipal confinement facilities, correctional residential facilities, and military disciplinary barracks and jails.

Juvenile - Includes group homes for juveniles (non-correctional), residential treatment center for juveniles (non-correctional), and correctional facilities intended for juveniles.

Nursing - Facilities licensed to provide medical care with seven day, twenty-four hour coverage for people requiring long-term non-acute care. People in these facilities require nursing care, regardless of age.

Other Institutional - Facilities in an institutionalized setting that do not fit into one of the before mentioned categories. They include hospitals with patients who have no usual home elsewhere, hospice, mental hospitals and psychiatric units, and military treatment facilities.

Noninstitutional Group Quarters - Facilities that house people who live in group quarters other than institutions such as college dormitories, military quarters, and group homes.

College - residence halls and dormitories, which house college and university students in a group living arrangement. Fraternity and sorority housing recognized by the college or university are included.

Military - These facilities include military personnel living in barracks, dormitories and military ships.

Other Noninstitutional - Facilities in a noninstitutionalized setting that do not fit into one of the before mentioned categories. They include emergency and transitional shelters, group homes for adults, residential treatment centers, religious and worker group quarters.

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 15: Change in Orange County Total Housing Units by Jurisdiction, 2010 to 2020

Jurisdiction	Total Housing Units		Occupied Units (Households)		Vacant Units	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
Aliso Viejo	1,322	7.0%	1,361	7.5%	-39	-5.9%
Anaheim	6,151	5.9%	7,446	7.6%	-1,295	-21.8%
Brea	3,096	20.9%	2,803	19.6%	293	56.5%
Buena Park	1,005	4.1%	1,469	6.2%	-464	-49.5%
Costa Mesa	1,927	4.6%	2,233	5.6%	-306	-14.1%
Coto de Caza CDP	139	2.9%	140	3.0%	-1	-0.9%
Cypress	787	4.9%	836	5.3%	-49	-11.8%
Dana Point	316	2.0%	67	0.5%	249	14.2%
Fountain Valley	397	2.1%	509	2.7%	-112	-21.7%
Fullerton	2,542	5.3%	3,021	6.7%	-479	-19.3%
Garden Grove	807	1.7%	1,325	2.9%	-518	-30.2%
Huntington Beach	4,731	6.1%	4,816	6.5%	-85	-2.3%
Irvine	35,316	42.1%	31,029	39.3%	4,287	87.1%
La Habra	877	4.4%	1,268	6.7%	-391	-41.3%
La Palma	46	0.9%	80	1.6%	-34	-23.6%
Ladera Ranch CDP	729	9.8%	819	11.5%	-90	-30.5%
Laguna Beach	50	0.4%	-63	-0.6%	113	5.4%
Laguna Hills	380	3.4%	554	5.3%	-174	-30.2%
Laguna Niguel	1,969	7.8%	1,193	4.9%	776	71.9%
Laguna Woods	398	3.1%	656	5.8%	-258	-15.1%
Lake Forest	3,482	12.9%	3,504	13.4%	-22	-2.5%
Las Flores CDP	12	0.6%	32	1.7%	-20	-37.7%
Los Alamitos	21	0.5%	54	1.3%	-33	-23.1%
Midway City CDP	21	0.8%	93	3.8%	-72	-49.3%
Mission Viejo	754	2.2%	864	2.6%	-110	-10.8%
Newport Beach	823	1.9%	-349	-0.9%	1,172	21.5%
North Tustin CDP	45	0.5%	61	0.7%	-16	-5.6%
Orange	1,782	4.0%	2,015	4.6%	-233	-13.4%
Placentia	496	2.9%	550	3.4%	-54	-10.7%
Rancho Santa Margarita	346	2.0%	523	3.1%	-177	-29.7%
Rossmore CDP	55	1.5%	1	0.0%	54	68.4%
San Clemente	681	2.6%	584	2.4%	97	4.7%
San Juan Capistrano	379	3.2%	455	4.0%	-76	-13.9%
Santa Ana	2,285	3.0%	3,448	4.7%	-1,163	-31.2%
Seal Beach	87	0.6%	352	2.7%	-265	-17.2%
Stanton	78	0.7%	193	1.8%	-115	-25.1%
Tustin	1,747	6.6%	2,063	8.2%	-316	-24.8%
Villa Park	4	0.2%	-33	-1.7%	37	92.5%
Westminster	260	0.9%	861	3.3%	-601	-40.4%
Yorba Linda	1,380	6.2%	1,507	7.0%	-127	-17.4%
Unincorporated	3,155	29.9%	2,984	30.2%	171	25.9%
Total Orange County	80,878	7.7%	81,324	8.2%	-446	-0.8%

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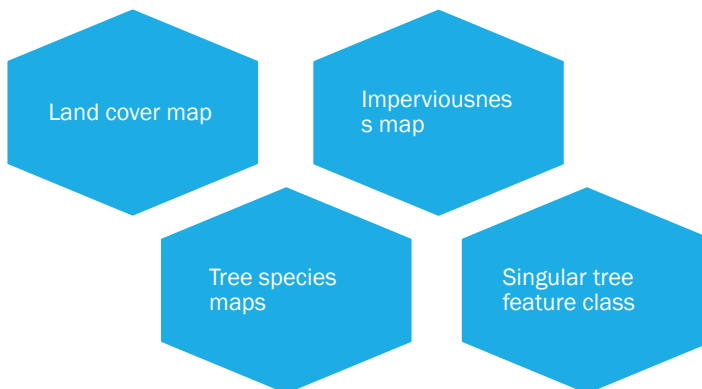
NEW GIS DATASETS OF ORANGE COUNTY

--PRODUCED FROM REMOTE SENSING IMAGES AND LIDAR POINT CLOUD

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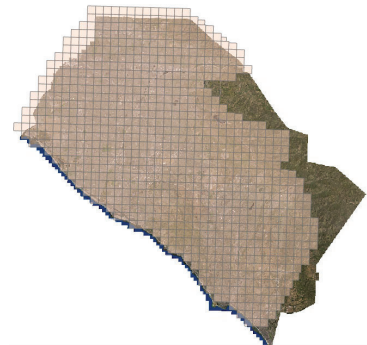
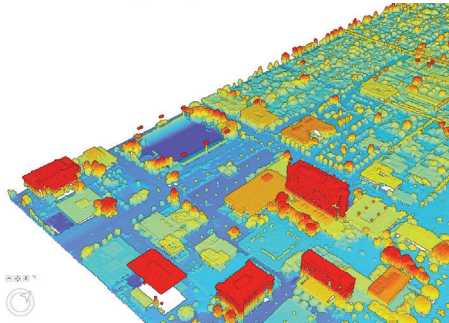


DATA PRODUCTS



REMOTE SENSING DATA SOURCES

- LiDAR point cloud
- 868 tiles
- A point records xyz coordinates of a spatial object
- Aerial images
- 4447 tiles
- 4 bands spectrum reflection, red, green, blue and infra red



LAND COVER MAP

Vector map

7 classes

- 0 Unclassified, not exported
- 1 Building footprint
- 2 Road
- 3 Tree
- 4 Grass
- 5 Big water body
- 6 Swimming pool



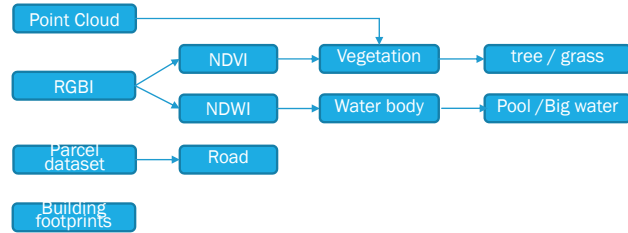
Land cover map:

<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=510276f1f5c747cbbe6f644386a55806>

SOURCE DATA

- Images
 - Eagle Aerial 2018
 - band: RGBI
 - 0.25 feet resolution
- LiDAR point clouds
 - USGS 2011
 - 7 returns
 - 1 meter resolution
- Parcel feature class
 - OC GIS database
- Footprint feature class
 - Microsoft produced 2011
 - polygon with attributes of heights

Data preprocessing and data fusion



QAQC

- 1 Building footprint of 2011, updated new buildings desktop on 2018 images. Some data has no height entry.
- 2 Checked the height of buildings and found the noises of LiDAR point clouds. Filtered the noises and updated height values.
- 3 Some parcel polygons turn out to be part of interior road and have been appended to road dataset.

IMPERVIOUSNESS MAP

This is a 3 meter resolution raster map. The value of a pixel ranges from 0~100, corresponding to the imperviousness.

Impervious surfaces refer to any hard surfaces including roads, parking lots, drive ways, building roofs, etc., which do not allow storm water to infiltrate.

- 0 means that water can be absorbed by the surface totally
- 100 means that water cannot infiltrate the surface totally



SOURCE DATA

- [Imperviousness product](#)
National Land Cover Database (NLCD)
30 meter resolution
covers developed surface
2016
descriptors
- [Orange County Land Cover Map](#)
different class names scheme

OC imperviousness descriptor

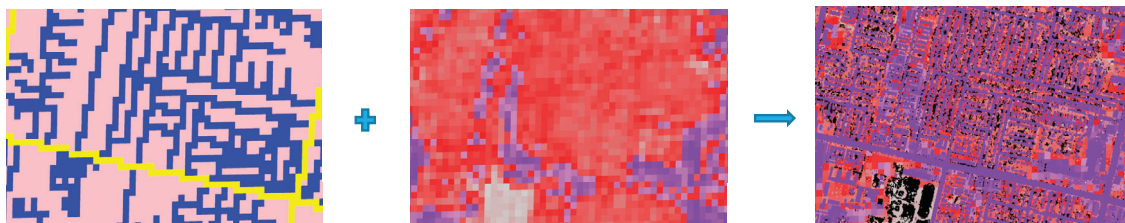
Code	Class name
0	Unclassified (parking lots, drive ways, yards, open spaces)
1	Building
2	Road
3	Tree
4	Grass
5	Big water
6	water

NLCD imperviousness descriptor

Code	Class name
0	Unclassified (forests, parks, big water bodies)
1	Primary road in urban area
2	Primary road outside urban area
3	Secondary road in urban area
4	Secondary road outside urban area
5	Tertiary road in urban area
6	Tertiary road outside urban area
9	Nonroad imp in urban area
10	Nonroad imp outside urban area
11	Energy production site in urban area
12	Energy production site outside urban area

Data fusion

- Polygon to raster conversion for each class respectively.
- Building footprints, roads assigned as 100% impervious surfaces.
- Water bodies assigned as 0% impervious surfaces.
- Vegetations assigned as 0%~100% impervious surfaces, by zonal statistics on 10 times linear interpolated NLCD imperviousness.
- Bare soils (undeveloped surfaces) assigned the NLCD imperviousness.



OC TREE CANOPY FEATURE LAYER

Individual trees represented by point feature class.

- Each point for each individual tree
- Over 1.6 million trees
- Attribute include canopy width and tree height in US foot
- It is easy to buffer the points to circles in 2D map or to symbolize as 3D thematic tree models in 3D scene



Open data:

<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=cb28664d4cef4527bcea84fa197526ce>

SOURCE DATA

- LIDAR point clouds
 - USGS 2011
 - 7 returns
 - 1 meter resolution

Individual tree canopy extraction

- Trees only LiDAR point cloud -> raster
- Raster processing approaches to get each tree's 2D canopy polygon
- Geometric parameters of the canopies calculation based on the raster
- QAQC

TREE SPECIES MAPS

Clipped tree images from aerial image with individual tree features, and identified each image clip as Palm, Jacaranda or others,

- Deep learning with Tensorflow package
- 1000+ Training samples
- Over 203,672 Palm trees, 15,299 Jacaranda trees, and over 69,133 Eucalyptus trees
- Published two DL models
- Open data link:

Jacaranda

<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=af038a5e24144440bd7ceaf75dc7e664>

Palm

<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=3fa91035aa96419c8a98615b2106d5cd>



More to come

Remote sensing data together with other new data sources will see much more applications in spatial, environmental problems and sciences. We will work to provide more data to serve our communities and publics.

Thank you for your time.



Number of Residents in the Labor Force for Cities and Census Designated Places (CDP), Orange County, California

	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 Jun	2019 Jul	2019 Aug	2019 Sep	2019 Oct	2019 Nov	2019 Dec	2020 Jan	2020 Feb	2020 Mar	2020 Apr	2020 May	2020 Jun
Aliso Viejo	30,500	30,700	30,600	30,300	30,300	30,400	30,600	30,500	30,700	30,700	30,700	30,700	30,500	30,600	29,900	28,700	28,600	29,400
Anaheim	171,800	172,700	172,200	170,500	170,700	170,900	172,300	171,200	172,500	172,800	172,700	172,700	171,700	172,000	168,300	165,500	168,600	173,800
Brea	23,200	23,300	23,200	23,000	23,100	23,100	23,300	23,100	23,300	23,300	23,300	23,300	23,200	23,300	22,700	22,000	22,200	22,800
Buena Park	40,400	40,600	40,500	40,100	40,100	40,200	40,500	40,300	40,500	40,600	40,500	40,600	40,400	40,500	39,600	39,400	39,700	40,900
Costa Mesa	66,100	66,500	66,200	65,700	65,700	65,700	66,200	65,900	66,400	66,500	66,400	66,500	66,100	66,200	64,700	63,000	62,600	64,200
Coto de Caza CDP	7,700	7,700	7,700	7,600	7,600	7,600	7,700	7,700	7,700	7,700	7,700	7,700	7,700	7,700	7,500	7,200	7,300	7,500
Cypress	25,200	25,300	25,200	24,900	24,900	25,000	25,200	25,100	25,300	25,300	25,300	25,300	25,100	25,200	24,600	24,100	24,200	25,000
Dana Point	18,800	18,900	18,900	18,700	18,700	18,700	18,800	18,700	18,900	18,900	18,900	18,900	18,800	18,800	18,400	17,900	17,700	18,200
Fountain Valley	28,400	28,500	28,400	28,200	28,100	28,200	28,500	28,300	28,500	28,600	28,600	28,500	28,400	28,400	27,800	27,300	27,500	28,200
Fullerton	70,500	70,800	70,600	69,900	70,000	70,200	70,700	70,300	70,800	70,900	70,800	70,800	70,400	70,500	68,900	67,900	68,200	70,300
Garden Grove	81,800	82,200	82,000	81,200	81,300	81,400	82,100	81,600	82,100	82,300	82,200	82,200	81,800	81,900	80,300	81,400	83,000	85,200
Huntington Beach	109,200	109,600	109,300	108,400	108,400	108,500	109,400	108,800	109,600	109,900	109,700	109,800	109,100	109,200	106,800	104,100	104,000	106,800
Irvine	148,200	148,900	148,400	147,200	147,300	147,600	148,700	147,900	149,000	149,200	149,000	149,000	148,200	148,400	145,000	136,200	137,000	142,100
La Habra	31,000	31,200	31,100	30,800	30,800	30,900	31,100	30,900	31,100	31,200	31,200	31,200	31,000	31,100	30,500	29,500	29,700	30,600
La Palma	7,800	7,800	7,800	7,700	7,700	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,600	7,400	7,400	7,600
Laguna Beach	12,600	12,700	12,700	12,500	12,500	12,600	12,600	12,600	12,700	12,700	12,700	12,700	12,600	12,600	12,300	11,800	11,700	12,100
Laguna Hills	17,100	17,100	17,100	17,000	17,000	17,000	17,100	17,000	17,200	17,200	17,200	17,200	17,100	17,100	16,700	16,000	15,900	16,400
Laguna Niguel	35,700	35,900	35,800	35,500	35,500	35,500	35,800	35,600	35,900	35,900	35,900	35,900	35,700	35,700	34,900	33,500	33,400	34,400
Laguna Woods	3,200	3,200	3,200	3,100	3,100	3,100	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,100	2,900	2,900	3,000
Lake Forest	49,200	49,500	49,400	49,000	49,000	49,000	49,400	49,100	49,500	49,600	49,600	49,600	49,300	49,300	48,200	45,600	45,600	47,000
Las Flores CDP	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,000	2,700	2,700	2,800
Los Alamitos	5,900	5,900	5,900	5,800	5,800	5,800	5,900	5,800	5,900	5,900	5,900	5,900	5,900	5,900	5,700	5,600	5,600	5,800
Mission Viejo	49,900	50,100	49,900	49,500	49,500	49,600	50,000	49,700	50,100	50,200	50,000	50,100	49,800	49,900	48,700	46,900	46,800	48,200
Newport Beach	45,200	45,400	45,200	44,900	44,900	44,900	45,200	45,000	45,300	45,400	45,300	45,400	45,100	45,200	44,100	41,600	41,400	42,900
Orange	72,500	72,800	72,600	71,900	71,900	72,100	72,600	72,200	72,700	72,900	72,800	72,800	72,500	72,500	70,900	67,700	68,100	70,400
Placentia	25,900	26,100	26,000	25,700	25,700	25,800	26,000	25,900	26,000	26,100	26,000	26,000	25,900	25,900	25,300	24,400	24,700	25,400
Rancho Santa Margarita	27,800	28,000	27,900	27,600	27,600	27,700	27,900	27,700	27,900	28,000	28,000	28,000	27,800	27,900	27,200	26,000	25,900	26,700
Rossmoor CDP	5,300	5,400	5,300	5,300	5,300	5,300	5,300	5,300	5,400	5,400	5,400	5,400	5,300	5,300	5,200	5,000	5,000	5,100
San Clemente	31,900	32,000	31,900	31,700	31,700	31,800	32,000	31,900	32,100	32,100	32,100	32,100	32,000	32,000	31,200	30,300	30,100	30,900
San Juan Capistrano	17,300	17,400	17,300	17,200	17,200	17,200	17,400	17,300	17,400	17,400	17,400	17,400	17,300	17,300	16,900	16,300	16,200	16,600
Santa Ana	158,300	159,100	158,600	157,200	157,200	157,400	158,800	157,800	158,900	159,200	159,000	159,100	158,200	158,400	154,800	150,700	151,200	155,600
Seal Beach	10,000	10,100	10,000	9,900	9,900	10,000	10,000	10,000	10,100	10,100	10,100	10,100	10,000	10,000	9,800	9,400	9,300	9,700
Stanton	18,500	18,600	18,600	18,400	18,400	18,400	18,600	18,500	18,600	18,600	18,600	18,600	18,600	18,600	18,200	18,100	18,300	18,800
Tustin	42,800	43,000	42,900	42,500	42,500	42,500	42,900	42,600	43,000	43,000	43,000	43,000	42,800	42,900	41,900	40,500	40,500	41,600
Villa Park	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,400	2,400	2,400	2,500
Westminster	42,000	42,100	42,000	41,600	41,600	41,700	42,000	41,800	42,100	42,200	42,100	42,200	42,000	42,000	41,200	42,100	42,700	43,800
Yorba Linda	35,000	35,200	35,100	34,800	34,800	34,900	35,100	35,000	35,200	35,300	35,200	35,300	35,100	35,100	34,300	32,400	32,500	33,600
Unincorporated	66,600	59,100	66,500	65,900	66,000	65,600	66,300	66,000	66,700	66,500	66,400	66,700	66,200	66,000	64,800	61,700	62,000	64,100
Orange County	1,622,800	1,622,800	1,625,500	1,610,800	1,611,400	1,613,700	1,626,500	1,617,600	1,629,500	1,632,000	1,630,100	1,631,100	1,622,100	1,623,900	1,587,700	1,540,300	1,547,600	1,594,600
County monthly change		0	2,700	-14,700	600	2,300	12,800	-8,900	11,900	2,500	-1,900	1,000	-9,000	1,800	-36,200	-47,400	7,300	47,000
County year/year change														-0.6%	0.1%	-2.2%	0.5%	2.9%

Source: CA State Employment Development Department, Labor Market Information Division; March 2019 Benchmark. January 2021 <http://www.labormarketinfo.edd.ca.gov>

Notes:

- 1) Data may not add due to rounding.
- 2) These data are not seasonally adjusted.
- 3) CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Methodology: Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs' were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and CDP as at the county level (i.e., that the shares are still accurate). If this assumption is not true for a specific city or CDP, then the estimates for that area may not represent the

Number of Residents in the Labor Force for Cities and Census Designated Places (CDP), Orange County, California

	2020 Jul	2020 Aug	2020 Sep	2020 Oct	2020 Nov	2020 Dec	2021 Jan	2021 Feb	2021 Mar	2021 Apr	2021 May	2021 Jun	2021 Jul	2021 Aug	2021 Sep (Prelim)
Aliso Viejo	29,300	28,600	28,900	30,000	29,700	29,800	28,100	28,500	28,400	28,300	28,600	28,800	29,200	29,000	29,200
Anaheim	173,500	168,000	169,600	175,600	171,000	171,400	162,600	165,400	164,700	164,100	165,900	167,400	169,700	168,100	168,500
Brea	22,800	22,200	22,300	23,100	22,700	22,700	21,600	21,900	21,900	21,900	22,200	22,400	22,700	22,500	22,500
Buena Park	40,900	39,500	39,800	41,100	40,200	40,300	38,100	38,800	38,700	38,400	38,800	39,200	39,700	39,400	39,500
Costa Mesa	64,100	62,600	63,100	65,500	64,600	65,000	61,700	62,500	62,300	62,200	63,000	63,400	64,400	63,900	64,200
Coto de Caza CDP	7,500	7,300	7,400	7,700	7,500	7,500	6,900	7,400	7,400	7,400	7,400	7,500	7,600	7,600	7,600
Cypress	24,800	24,200	24,400	25,200	24,800	24,900	23,700	24,000	24,000	23,900	24,200	24,400	24,800	24,600	24,600
Dana Point	18,200	17,700	17,900	18,600	18,300	18,400	17,500	17,800	17,700	17,700	17,900	18,000	18,300	18,200	18,200
Fountain Valley	28,000	27,300	27,400	28,400	27,900	28,000	26,500	26,800	26,800	26,700	27,100	27,300	27,700	27,600	27,600
Fullerton	70,200	68,100	68,600	71,000	69,500	69,700	66,100	67,200	67,000	66,800	67,500	68,100	69,100	68,500	68,600
Garden Grove	84,200	81,200	81,600	83,500	81,400	82,300	77,800	78,800	78,600	78,400	79,500	80,300	81,300	80,500	80,600
Huntington Beach	106,400	103,800	104,600	108,500	106,900	107,500	101,900	103,300	103,300	103,000	104,000	104,800	106,200	105,400	105,600
Irvine	142,100	139,000	140,400	146,300	144,400	144,200	139,800	142,600	142,600	142,300	144,100	145,300	147,500	146,600	147,100
La Habra	30,600	29,800	30,100	31,300	30,700	30,800	28,600	29,100	29,000	28,900	29,200	29,400	29,800	29,600	29,600
La Palma	7,600	7,400	7,500	7,800	7,600	7,700	7,400	7,400	7,400	7,300	7,400	7,500	7,600	7,500	7,600
Laguna Beach	12,000	11,800	11,900	12,300	12,200	12,200	11,600	11,800	11,800	11,800	11,900	12,100	12,200	12,200	12,200
Laguna Hills	16,400	16,100	16,200	16,900	16,700	16,700	16,100	16,300	16,300	16,200	16,400	16,500	16,800	16,700	16,700
Laguna Niguel	34,300	33,600	33,900	35,300	34,800	34,800	33,400	33,900	33,900	33,800	34,200	34,400	35,000	34,700	34,800
Laguna Woods	3,000	3,000	3,000	3,100	3,100	3,100	3,200	2,900	2,900	2,900	3,000	3,000	3,000	3,000	3,000
Lake Forest	47,000	46,200	46,600	48,600	48,000	48,100	45,900	46,700	46,700	46,500	47,000	47,400	48,200	47,800	47,900
Las Flores CDP	2,800	2,800	2,800	3,000	2,900	2,900	2,700	2,900	2,900	2,900	2,900	2,900	3,000	2,900	3,000
Los Alamitos	5,800	5,600	5,700	5,900	5,800	5,800	5,400	5,400	5,400	5,300	5,400	5,500	5,500	5,500	5,500
Mission Viejo	48,100	47,000	47,400	49,300	48,600	48,800	46,200	46,900	46,900	46,600	47,200	47,600	48,300	48,000	48,000
Newport Beach	42,900	42,100	42,500	44,400	43,800	43,900	41,500	42,200	42,200	42,000	42,500	42,800	43,500	43,300	43,500
Orange	70,300	68,700	69,300	72,200	71,000	71,100	67,400	68,700	68,400	68,000	68,900	69,500	70,600	70,000	70,200
Placentia	25,400	24,700	25,000	26,000	25,500	25,500	24,100	24,500	24,500	24,400	24,700	24,800	25,200	25,000	25,100
Rancho Santa Margarita	26,500	26,000	26,200	27,300	27,000	27,100	25,600	26,100	26,100	26,000	26,300	26,500	26,900	26,700	26,700
Rossmoor CDP	5,100	5,000	5,100	5,300	5,200	5,200	4,800	4,900	4,800	4,800	4,900	4,900	5,000	5,000	5,000
San Clemente	30,800	30,100	30,300	31,500	31,100	31,300	29,900	30,300	30,200	30,000	30,400	30,600	31,100	30,900	31,000
San Juan Capistrano	16,600	16,300	16,400	17,100	16,900	16,900	16,100	16,300	16,300	16,300	16,400	16,600	16,800	16,700	16,700
Santa Ana	155,400	151,500	152,900	159,000	156,400	156,900	149,300	151,700	151,500	150,500	152,000	153,200	155,500	154,000	154,700
Seal Beach	9,700	9,400	9,500	9,900	9,800	9,800	9,300	9,500	9,400	9,400	9,500	9,600	9,700	9,700	9,700
Stanton	18,700	18,100	18,300	18,800	18,400	18,600	17,600	17,800	17,900	17,800	18,000	18,100	18,400	18,200	18,300
Tustin	41,600	40,600	41,000	42,700	42,000	42,100	40,000	40,600	40,600	40,500	41,000	41,300	41,900	41,600	41,900
Villa Park	2,500	2,400	2,400	2,500	2,500	2,500	2,500	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Westminster	43,200	41,600	41,800	42,600	41,600	42,200	40,200	40,600	40,500	40,500	41,100	41,500	42,000	41,500	41,600
Yorba Linda	33,600	33,000	33,200	34,500	34,000	34,000	32,500	33,000	33,100	32,900	33,300	33,600	34,100	33,800	33,900
Unincorporated	64,000	62,500	63,100	65,500	64,500	64,600	61,200	63,400	63,200	62,900	63,600	63,900	64,900	64,800	64,800
Orange County	1,590,500	1,549,700	1,562,800	1,621,300	1,593,400	1,598,700	1,520,400	1,545,100	1,542,600	1,536,600	1,554,600	1,567,200	1,590,000	1,577,900	1,582,000
County monthly change	-4,100	-40,800	13,100	58,500	-27,900	5,300	-78,300	24,700	-2,500	-6,000	18,000	12,600	22,800	-12,100	4,100
County year/year change	-0.3%	-2.5%	0.8%	3.6%	-1.7%	0.3%	-4.8%	1.5%	-0.2%	-0.4%	1.2%	0.8%	1.4%	-0.8%	0.3%

Number of Unemployed Residents for Cities and Census Designated Places (CDP), Orange County, California

	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Aliso Viejo	900	800	900	700	600	800	800	800	700	700	700	700	800	800	1,000	3,600	3,700	3,400	3,000
Anaheim	5,900	5,400	5,600	4,500	4,500	5,300	5,700	5,300	4,600	4,800	4,800	4,500	5,200	5,100	6,700	25,200	29,100	28,300	26,200
Brea	700	700	700	500	500	600	700	700	600	600	600	500	700	700	800	3,000	3,300	3,100	2,800
Buena Park	1,500	1,400	1,400	1,100	1,100	1,300	1,400	1,300	1,100	1,200	1,100	1,100	1,300	1,300	1,700	6,500	6,900	6,800	6,300
Costa Mesa	2,000	1,800	1,800	1,500	1,500	1,700	1,800	1,800	1,500	1,600	1,500	1,500	1,700	1,700	2,200	8,700	8,600	8,000	7,100
Coto de Caza CDP	200	200	200	200	200	200	200	200	200	200	200	200	200	200	300	1,000	1,000	1,000	900
Cypress	900	800	800	600	600	700	800	800	700	700	700	600	700	700	900	3,600	3,800	3,700	3,300
Dana Point	600	500	500	400	400	500	500	500	400	400	400	400	500	500	700	2,400	2,400	2,200	2,000
Fountain Valley	900	800	900	700	700	800	900	900	700	800	800	700	800	800	1,100	4,100	4,400	4,200	3,700
Fullerton	2,400	2,100	2,200	1,800	1,800	2,200	2,400	2,200	1,900	1,900	1,900	1,700	2,000	2,000	2,500	10,300	10,900	10,500	9,700
Garden Grove	2,900	2,600	2,700	2,200	2,200	2,600	2,800	2,700	2,200	2,400	2,300	2,200	2,600	2,500	3,400	14,700	16,600	15,900	14,100
Huntington Beach	3,600	3,200	3,200	2,700	2,600	3,100	3,400	3,200	2,800	3,000	2,800	2,700	3,100	3,000	4,000	14,800	15,100	14,200	12,600
Irvine	4,500	4,100	4,100	3,500	3,400	4,200	4,500	4,200	3,700	3,800	3,600	3,300	4,100	3,900	5,100	14,700	16,100	16,100	14,500
La Habra	1,000	1,000	1,000	800	800	900	1,000	900	800	800	800	800	900	900	1,200	4,100	4,500	4,300	4,000
La Palma	300	200	200	200	200	200	200	200	200	200	200	200	200	200	300	1,000	1,100	1,000	900
Laguna Beach	400	400	400	300	300	300	400	300	300	300	300	300	300	300	400	1,400	1,400	1,300	1,200
Laguna Hills	500	400	500	400	400	400	400	400	400	400	400	400	400	400	500	1,900	2,000	1,900	1,700
Laguna Niguel	1,100	1,000	1,100	900	800	1,000	1,100	1,000	900	900	900	800	1,000	900	1,200	4,300	4,300	4,100	3,600
Laguna Woods	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	300	300	300	300
Lake Forest	1,400	1,300	1,400	1,100	1,100	1,300	1,400	1,300	1,100	1,200	1,100	1,000	1,300	1,200	1,600	5,200	5,300	5,000	4,500
Las Flores CDP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	100
Los Alamitos	200	200	200	200	100	200	200	200	200	200	200	100	200	200	200	800	900	800	700
Mission Viejo	1,600	1,500	1,500	1,200	1,200	1,500	1,600	1,500	1,300	1,300	1,300	1,200	1,400	1,400	1,800	6,200	6,300	5,900	5,300
Newport Beach	1,300	1,200	1,200	1,000	1,000	1,100	1,200	1,200	1,000	1,000	1,000	900	1,200	1,100	1,500	4,500	4,600	4,400	4,000
Orange	2,400	2,100	2,100	1,800	1,700	2,100	2,300	2,100	1,800	1,900	1,900	1,700	2,100	2,000	2,600	8,400	9,100	8,800	8,000
Placentia	900	800	800	700	700	800	800	800	700	700	700	600	700	700	900	3,200	3,600	3,400	3,100
Rancho Santa Margarita	800	800	800	600	600	700	800	700	600	600	700	600	800	800	900	3,200	3,200	3,000	2,600
Rossmoor CDP	100	100	100	100	100	100	100	100	100	100	100	100	100	100	200	600	600	600	500
San Clemente	1,000	900	900	700	700	900	900	900	800	800	800	800	900	900	1,100	4,200	4,100	3,700	3,300
San Juan Capistrano	500	500	500	400	400	500	500	500	400	400	400	400	400	400	600	2,100	2,100	1,900	1,800
Santa Ana	5,300	4,900	5,000	4,100	3,900	4,800	5,200	4,800	4,100	4,300	4,200	3,900	4,600	4,500	5,800	21,200	22,500	21,400	19,500
Seal Beach	400	300	300	300	300	300	400	400	300	300	300	300	300	300	400	1,200	1,200	1,200	1,100
Stanton	700	600	600	500	500	600	600	600	500	500	500	500	600	600	700	2,900	3,300	3,100	2,800
Tustin	1,400	1,200	1,300	1,000	1,000	1,200	1,200	1,200	1,000	1,100	1,000	1,000	1,200	1,200	1,500	5,500	5,700	5,300	4,800
Villa Park	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	400	400	400	300
Westminster	1,500	1,400	1,400	1,200	1,100	1,300	1,400	1,400	1,200	1,200	1,200	1,200	1,400	1,300	1,800	7,800	8,600	8,300	7,200
Yorba Linda	1,000	1,000	1,000	800	800	900	1,000	1,000	800	900	800	800	900	900	1,200	3,600	3,900	3,800	3,500
Unincorporated	2,500	2,100	1,900	2,000	1,400	2,300	2,200	2,100	1,500	1,900	1,700	1,500	2,100	2,100	2,500	7,600	7,800	7,900	7,300
Orange County	53,200	48,200	49,100	40,600	39,100	47,300	50,700	48,100	41,000	43,000	41,800	39,100	46,600	45,500	59,000	212,600	227,100	217,600	196,800
County monthly change		-5,000	900	-8,500	-1,500	8,200	3,400	-2,600	-7,100	2,000	-1,200	-2,700	7,500	-1,100	13,500	153,600	14,500	-9,500	-20,800
County year/year change													14.1%	-2.3%	27.5%	378.3%	37.1%	-20.1%	-41.0%

Notes:

- 1) Data may not add due to rounding.
- 2) These data are not seasonally adjusted.
- 3) CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Methodology: Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs' were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and CDP as at the county level (i.e., that the shares are still accurate). If this assumption is not true for a specific city or CDP, then the estimates for that area may not represent the current economic conditions. Since this assumption is untested, caution should be employed when using these data.

Number of Unemployed Residents for Cities and Census Designated Places (CDP), Orange County, California

	2020	2020	2020	2020	2020	2021	2021	2021	2021	2021	2021	2021	2021	2021
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Aliso Viejo	2,200	2,000	1,700	1,600	1,900	1,900	1,700	1,500	1,500	1,400	1,500	1,500	1,400	1,200
Anaheim	19,800	19,200	16,700	13,300	15,000	13,800	13,300	12,100	11,900	11,400	12,700	12,400	11,600	10,000
Brea	2,100	1,900	1,600	1,300	1,500	1,500	1,300	1,300	1,400	1,300	1,500	1,400	1,400	1,100
Buena Park	4,700	4,500	3,800	3,200	3,600	3,300	3,200	3,000	2,800	2,600	3,000	2,900	2,800	2,400
Costa Mesa	5,300	5,000	4,100	3,700	4,600	4,300	3,800	3,400	3,400	3,300	3,600	3,600	3,400	2,900
Coto de Caza CDP	700	600	500	500	500	400	400	400	400	300	400	400	400	300
Cypress	2,500	2,400	2,000	1,700	2,000	1,800	1,600	1,500	1,500	1,400	1,600	1,600	1,600	1,300
Dana Point	1,400	1,400	1,100	1,000	1,200	1,200	1,100	900	900	900	1,000	1,000	900	800
Fountain Valley	2,700	2,500	2,100	1,800	2,100	2,000	1,700	1,600	1,700	1,600	1,800	1,800	1,800	1,500
Fullerton	7,200	6,900	5,800	4,800	5,500	5,200	4,900	4,500	4,400	4,200	4,800	4,600	4,400	3,700
Garden Grove	10,700	10,000	7,900	6,400	7,800	7,100	6,500	6,100	6,000	6,100	6,700	6,600	6,100	5,200
Huntington Beach	9,400	8,900	7,300	6,500	8,000	7,500	6,700	6,400	6,300	5,900	6,500	6,300	6,000	4,900
Irvine	10,700	10,100	8,800	7,900	8,800	8,200	8,000	7,600	7,600	7,400	8,500	8,300	8,100	6,800
La Habra	3,000	2,900	2,500	2,200	2,500	2,400	2,200	2,000	2,000	1,900	2,100	2,000	1,900	1,600
La Palma	700	700	600	500	600	500	400	400	400	400	400	400	400	300
Laguna Beach	900	800	600	600	700	700	600	600	600	600	700	600	600	600
Laguna Hills	1,300	1,200	1,100	1,000	1,100	1,000	1,000	900	800	800	900	900	900	700
Laguna Niguel	2,700	2,600	2,200	1,900	2,300	2,200	2,000	1,900	1,900	1,700	2,000	2,000	1,900	1,600
Laguna Woods	200	200	200	100	200	200	200	100	100	100	100	100	100	100
Lake Forest	3,400	3,200	2,700	2,500	3,000	2,800	2,700	2,600	2,500	2,300	2,700	2,700	2,500	2,100
Las Flores CDP	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Los Alamitos	600	500	400	400	500	400	400	300	300	300	400	400	300	300
Mission Viejo	3,900	3,600	3,100	2,800	3,400	3,100	2,800	2,700	2,500	2,400	2,800	2,800	2,700	2,100
Newport Beach	3,000	2,800	2,400	2,100	2,500	2,400	2,300	2,100	2,000	1,900	2,100	2,100	2,200	1,900
Orange	6,000	5,700	5,100	4,300	5,000	4,700	4,400	4,100	3,800	3,700	4,200	4,200	3,900	3,300
Placentia	2,300	2,200	2,000	1,700	1,900	1,800	1,600	1,600	1,500	1,400	1,500	1,500	1,400	1,200
Rancho Santa Margarita	1,900	1,700	1,500	1,300	1,600	1,500	1,500	1,400	1,300	1,300	1,400	1,400	1,300	1,000
Rossmoor CDP	400	400	300	300	300	300	300	300	300	300	300	300	300	300
San Clemente	2,500	2,200	1,900	1,700	2,100	2,100	2,000	1,800	1,700	1,600	1,800	1,700	1,700	1,400
San Juan Capistrano	1,300	1,200	1,000	900	1,100	1,000	900	800	900	800	900	900	800	700
Santa Ana	14,800	14,200	12,500	11,000	12,700	11,700	11,000	10,400	9,700	9,000	10,100	9,900	9,200	8,000
Seal Beach	800	800	700	600	700	700	700	600	600	600	600	600	600	500
Stanton	2,100	2,100	1,700	1,400	1,800	1,500	1,400	1,400	1,300	1,300	1,400	1,400	1,300	1,100
Tustin	3,500	3,400	3,000	2,600	3,000	2,900	2,600	2,600	2,500	2,400	2,700	2,600	2,500	2,300
Villa Park	200	200	200	200	200	300	100	100	100	100	100	100	100	100
Westminster	5,500	5,100	3,800	3,200	4,100	3,900	3,500	3,200	3,400	3,400	3,700	3,600	3,300	2,900
Yorba Linda	2,600	2,300	2,000	1,700	2,000	2,000	1,800	1,700	1,600	1,600	1,800	1,800	1,700	1,400
Unincorporated	5,200	5,000	4,200	3,600	4,100	3,700	4,000	4,100	3,600	3,400	4,000	3,800	4,000	2,800
Orange County	147,100	139,400	118,300	101,500	119,100	111,300	103,900	97,300	94,500	90,500	101,600	99,500	94,800	79,800
County monthly change	-49,700	-7,700	-21,100	-16,800	17,600	-7,800	-7,400	-6,600	-2,800	-4,000	11,100	-2,100	-4,700	-15,000
County year/year change	-103.3%	-18.8%	-49.1%	-40.2%	45.0%	-16.7%	-16.3%	-11.2%	-1.3%	-1.8%	5.1%	-1.1%	-3.2%	-10.8%
									5.7%	5.3%	6.3%	5.9%	6.2%	4.3%

Unemployment Rates for Cities and Census Designated Places (CDP), Orange County, California

	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 Jun	2019 Jul	2019 Aug	2019 Sep	2019 Oct	2019 Nov	2019 Dec	2020 Jan	2020 Feb	2020 Mar	2020 Apr	2020 May	2020 Jun	2020 Jul
Aliso Viejo	3.0%	2.7%	2.8%	2.3%	2.1%	2.6%	2.8%	2.8%	2.3%	2.3%	2.3%	2.1%	2.5%	2.5%	3.4%	12.7%	13.0%	11.6%	10.2%
Anaheim	3.4%	3.2%	3.3%	2.7%	2.6%	3.1%	3.3%	3.1%	2.7%	2.8%	2.8%	2.6%	3.0%	3.0%	4.0%	15.2%	17.2%	16.3%	15.1%
Brea	3.2%	2.8%	2.8%	2.4%	2.3%	2.7%	2.9%	2.9%	2.4%	2.5%	2.4%	2.2%	2.8%	2.8%	3.6%	13.7%	14.9%	13.6%	12.4%
Buena Park	3.7%	3.3%	3.4%	2.8%	2.8%	3.2%	3.5%	3.3%	2.8%	2.8%	2.8%	2.7%	3.3%	3.2%	4.3%	16.5%	17.4%	16.6%	15.5%
Costa Mesa	3.0%	2.7%	2.8%	2.3%	2.2%	2.6%	2.8%	2.7%	2.3%	2.4%	2.3%	2.2%	2.6%	2.6%	3.4%	13.9%	13.8%	12.4%	11.1%
Coto de Caza CDP	3.1%	2.8%	2.9%	2.4%	2.3%	2.8%	3.0%	2.8%	2.4%	2.5%	2.4%	2.3%	2.7%	2.7%	3.5%	13.2%	14.0%	13.0%	11.8%
Cypress	3.6%	3.1%	3.0%	2.5%	2.4%	3.0%	3.3%	3.2%	2.7%	2.8%	2.7%	2.5%	2.9%	2.9%	3.7%	14.9%	15.5%	14.7%	13.2%
Dana Point	3.1%	2.8%	2.8%	2.4%	2.2%	2.7%	2.8%	2.6%	2.2%	2.3%	2.3%	2.2%	2.8%	2.6%	3.5%	13.7%	13.3%	12.0%	10.8%
Fountain Valley	3.2%	2.9%	3.0%	2.5%	2.4%	2.9%	3.2%	3.1%	2.6%	2.7%	2.8%	2.5%	2.9%	2.9%	3.9%	15.0%	15.9%	14.8%	13.1%
Fullerton	3.4%	3.0%	3.1%	2.6%	2.5%	3.1%	3.3%	3.1%	2.6%	2.7%	2.6%	2.5%	2.9%	2.8%	3.7%	15.2%	16.0%	15.0%	13.8%
Garden Grove	3.5%	3.2%	3.3%	2.7%	2.7%	3.2%	3.4%	3.3%	2.7%	2.9%	2.8%	2.6%	3.1%	3.1%	4.2%	18.0%	20.0%	18.7%	16.7%
Huntington Beach	3.3%	2.9%	3.0%	2.5%	2.4%	2.9%	3.1%	3.0%	2.5%	2.7%	2.6%	2.4%	2.9%	2.8%	3.7%	14.2%	14.5%	13.3%	11.9%
Irvine	3.1%	2.8%	2.8%	2.4%	2.3%	2.8%	3.1%	2.9%	2.5%	2.6%	2.4%	2.2%	2.7%	2.6%	3.5%	10.8%	11.8%	11.3%	10.2%
La Habra	3.4%	3.1%	3.3%	2.7%	2.5%	3.0%	3.2%	3.0%	2.5%	2.6%	2.6%	2.5%	3.0%	3.0%	4.1%	14.0%	15.0%	13.9%	12.9%
La Palma	3.2%	2.9%	3.0%	2.5%	2.4%	2.9%	3.1%	2.9%	2.5%	2.6%	2.5%	2.3%	2.8%	2.8%	3.6%	13.6%	14.4%	13.4%	12.2%
Laguna Beach	3.2%	2.9%	3.0%	2.4%	2.2%	2.7%	2.8%	2.6%	2.2%	2.2%	2.2%	2.0%	2.4%	2.5%	3.3%	12.0%	12.1%	11.0%	9.8%
Laguna Hills	3.1%	2.5%	2.6%	2.2%	2.1%	2.6%	2.6%	2.5%	2.2%	2.4%	2.3%	2.1%	2.6%	2.5%	3.3%	12.1%	12.6%	11.5%	10.3%
Laguna Niguel	3.2%	2.8%	3.0%	2.5%	2.4%	2.8%	3.1%	2.9%	2.5%	2.6%	2.6%	2.3%	2.7%	2.6%	3.6%	12.8%	12.9%	11.9%	10.6%
Laguna Woods	2.2%	2.0%	2.0%	1.7%	1.6%	1.9%	2.1%	2.0%	1.7%	1.7%	1.7%	1.6%	1.9%	1.9%	2.5%	9.5%	10.1%	9.4%	8.5%
Lake Forest	2.8%	2.7%	2.8%	2.3%	2.2%	2.6%	2.8%	2.6%	2.2%	2.4%	2.3%	2.1%	2.5%	2.4%	3.2%	11.3%	11.7%	10.7%	9.7%
Las Flores CDP	1.0%	0.9%	1.0%	0.8%	0.8%	1.0%	1.0%	0.9%	0.8%	0.8%	0.8%	0.8%	0.9%	0.9%	1.2%	4.8%	5.1%	4.7%	4.2%
Los Alamitos	3.4%	3.1%	3.2%	2.6%	2.5%	3.1%	3.3%	3.1%	2.6%	2.7%	2.7%	2.5%	3.0%	2.9%	3.9%	14.4%	15.3%	14.2%	12.9%
Mission Viejo	3.3%	2.9%	3.0%	2.5%	2.4%	3.0%	3.1%	3.0%	2.6%	2.7%	2.5%	2.4%	2.8%	2.8%	3.7%	13.1%	13.4%	12.3%	11.0%
Newport Beach	3.0%	2.6%	2.6%	2.3%	2.2%	2.6%	2.7%	2.6%	2.2%	2.3%	2.2%	2.1%	2.6%	2.5%	3.3%	10.8%	11.0%	10.4%	9.3%
Orange	3.3%	2.9%	2.9%	2.5%	2.3%	2.9%	3.1%	2.9%	2.5%	2.6%	2.5%	2.4%	2.9%	2.8%	3.6%	12.3%	13.4%	12.6%	11.4%
Placentia	3.4%	3.1%	3.2%	2.6%	2.5%	3.0%	3.2%	3.2%	2.6%	2.7%	2.6%	2.5%	2.8%	2.8%	3.7%	13.2%	14.5%	13.5%	12.3%
Rancho Santa Margarita	3.0%	2.7%	2.8%	2.3%	2.2%	2.6%	2.8%	2.6%	2.2%	2.3%	2.4%	2.3%	2.7%	2.7%	3.4%	12.3%	12.4%	11.2%	9.7%
Rossmoor CDP	2.7%	2.5%	2.5%	2.1%	2.0%	2.4%	2.6%	2.5%	2.1%	2.2%	2.1%	2.0%	2.4%	2.3%	3.1%	11.7%	12.5%	11.6%	10.5%
San Clemente	3.1%	2.7%	2.7%	2.3%	2.2%	2.8%	3.0%	2.9%	2.4%	2.6%	2.5%	2.4%	2.8%	2.7%	3.6%	13.8%	13.5%	12.1%	10.8%
San Juan Capistrano	3.1%	2.9%	2.9%	2.4%	2.3%	2.8%	3.0%	2.9%	2.4%	2.4%	2.4%	2.1%	2.5%	2.5%	3.6%	13.0%	12.9%	11.7%	10.6%
Santa Ana	3.4%	3.1%	3.1%	2.6%	2.5%	3.0%	3.3%	3.0%	2.6%	2.7%	2.6%	2.5%	2.9%	2.9%	3.8%	14.1%	14.9%	13.7%	12.6%
Seal Beach	3.6%	3.3%	3.4%	2.7%	2.8%	3.3%	3.6%	3.5%	3.2%	3.1%	3.0%	2.7%	3.1%	2.9%	4.0%	13.1%	12.9%	12.5%	11.2%
Stanton	3.6%	3.1%	3.3%	2.9%	2.9%	3.3%	3.5%	3.2%	2.7%	2.8%	2.9%	2.7%	3.3%	3.1%	4.1%	16.2%	17.8%	16.5%	15.1%
Tustin	3.2%	2.9%	2.9%	2.4%	2.3%	2.8%	2.9%	2.8%	2.3%	2.5%	2.4%	2.3%	2.8%	2.7%	3.7%	13.5%	14.0%	12.7%	11.4%
Villa Park	3.6%	3.2%	3.3%	2.8%	2.6%	3.2%	3.4%	3.2%	2.7%	2.9%	2.8%	2.6%	3.1%	3.0%	4.1%	14.9%	15.8%	14.7%	13.4%
Westminster	3.7%	3.2%	3.4%	2.8%	2.7%	3.2%	3.4%	3.3%	2.8%	2.9%	2.9%	2.7%	3.2%	3.2%	4.3%	18.6%	20.2%	18.9%	16.8%
Yorba Linda	2.9%	2.7%	2.8%	2.3%	2.2%	2.7%	2.9%	2.7%	2.3%	2.5%	2.3%	2.3%	2.6%	2.6%	3.4%	11.2%	12.1%	11.2%	10.3%
Unincorporated	3.8%	3.6%	2.9%	3.0%	2.1%	3.5%	3.3%	3.2%	2.2%	2.9%	2.6%	2.2%	3.2%	3.2%	3.9%	12.3%	12.6%	12.3%	11.4%
Orange County	3.3%	3.0%	3.0%	2.5%	2.4%	2.9%	3.1%	3.0%	2.5%	2.6%	2.6%	2.4%	2.9%	2.8%	3.7%	13.8%	14.7%	13.6%	12.4%
County monthly percentage point change	-0.3		0.0	-0.5	-0.1	0.5	0.2	-0.1	-0.5	0.1	0.0	-0.2	0.5	-0.1	0.9	10.1	0.9	-1.1	-1.2
County year/year percentage point change													-0.4	-0.2	0.7	11.3	12.3	10.7	9.3

Notes:

- 1) Data may not add due to rounding. All unemployment rates shown are calculated on unrounded data.
- 2) These data are not seasonally adjusted.
- 3) CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Methodology: Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and

Unemployment Rates for Cities and Census Designated Places (CDP), Orange County, California

	2020	2020	2020	2020	2020	2021	2021	2021	2021	2021	2021	2021	2021	2021
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep (Prelim)
Aliso Viejo	7.5%	7.0%	5.6%	5.2%	6.3%	6.6%	5.8%	5.4%	5.2%	4.8%	5.2%	5.0%	5.0%	4.2%
Anaheim	11.8%	11.3%	9.5%	7.8%	8.8%	8.5%	8.0%	7.3%	7.3%	6.8%	7.6%	7.3%	6.9%	5.9%
Brea	9.4%	8.7%	7.0%	5.8%	6.6%	6.8%	6.1%	5.9%	6.2%	5.8%	6.5%	6.3%	6.1%	5.0%
Buena Park	11.9%	11.4%	9.2%	8.0%	8.9%	8.7%	8.2%	7.7%	7.3%	6.8%	7.6%	7.4%	7.1%	6.0%
Costa Mesa	8.5%	7.9%	6.3%	5.7%	7.0%	6.9%	6.0%	5.5%	5.5%	5.2%	5.8%	5.6%	5.4%	4.5%
Coto de Caza CDP	9.1%	8.5%	7.0%	6.1%	7.1%	6.0%	5.3%	5.0%	4.8%	4.6%	5.1%	4.9%	4.7%	4.0%
Cypress	10.2%	9.7%	7.8%	7.0%	7.9%	7.7%	6.8%	6.4%	6.3%	5.9%	6.7%	6.5%	6.4%	5.2%
Dana Point	8.1%	7.5%	5.9%	5.3%	6.6%	6.6%	5.9%	5.3%	5.3%	4.9%	5.6%	5.4%	5.2%	4.3%
Fountain Valley	10.0%	9.3%	7.4%	6.4%	7.6%	7.5%	6.4%	6.1%	6.2%	6.1%	6.6%	6.5%	6.5%	5.3%
Fullerton	10.6%	10.0%	8.2%	6.9%	7.9%	7.9%	7.3%	6.7%	6.6%	6.2%	7.0%	6.7%	6.5%	5.3%
Garden Grove	13.1%	12.3%	9.5%	7.8%	9.5%	9.1%	8.2%	7.8%	7.7%	7.6%	8.4%	8.1%	7.6%	6.5%
Huntington Beach	9.1%	8.5%	6.8%	6.1%	7.4%	7.3%	6.5%	6.2%	6.1%	5.6%	6.2%	5.9%	5.7%	4.7%
Irvine	7.7%	7.2%	6.0%	5.4%	6.1%	5.8%	5.6%	5.4%	5.4%	5.1%	5.8%	5.6%	5.6%	4.6%
La Habra	9.9%	9.5%	8.1%	7.0%	8.1%	8.2%	7.5%	7.0%	6.8%	6.6%	7.1%	6.7%	6.5%	5.5%
La Palma	9.3%	8.8%	7.2%	6.3%	7.3%	6.1%	5.9%	5.6%	5.4%	5.1%	5.7%	5.5%	5.3%	4.4%
Laguna Beach	7.2%	6.7%	5.0%	4.7%	5.8%	5.9%	5.1%	5.1%	5.0%	4.7%	5.8%	5.2%	5.2%	4.6%
Laguna Hills	7.8%	7.3%	6.3%	5.7%	6.6%	6.4%	5.9%	5.7%	5.1%	4.7%	5.4%	5.4%	5.4%	4.2%
Laguna Niguel	8.1%	7.5%	6.1%	5.5%	6.5%	6.6%	5.9%	5.5%	5.6%	5.1%	5.7%	5.6%	5.5%	4.5%
Laguna Woods	6.4%	6.0%	4.9%	4.3%	5.0%	5.6%	5.1%	4.8%	4.7%	4.4%	4.9%	4.8%	4.6%	3.8%
Lake Forest	7.4%	6.8%	5.6%	5.2%	6.2%	6.1%	5.8%	5.5%	5.3%	4.9%	5.6%	5.5%	5.3%	4.3%
Las Flores CDP	3.2%	3.0%	2.4%	2.1%	2.5%	5.1%	5.1%	4.7%	4.6%	4.4%	4.9%	4.7%	4.5%	3.8%
Los Alamitos	9.9%	9.3%	7.6%	6.7%	7.8%	7.9%	6.8%	6.4%	6.2%	5.9%	6.6%	6.4%	6.1%	5.1%
Mission Viejo	8.3%	7.7%	6.3%	5.8%	6.9%	6.8%	6.1%	5.8%	5.5%	5.1%	6.0%	5.7%	5.6%	4.4%
Newport Beach	7.0%	6.6%	5.5%	4.9%	5.8%	5.7%	5.3%	5.0%	4.8%	4.4%	4.9%	4.8%	5.0%	4.3%
Orange	8.8%	8.3%	7.1%	6.1%	7.0%	6.9%	6.5%	5.9%	5.6%	5.3%	6.1%	5.9%	5.6%	4.7%
Placentia	9.4%	9.0%	7.6%	6.5%	7.5%	7.3%	6.7%	6.3%	6.1%	5.8%	6.2%	6.1%	5.7%	4.8%
Rancho Santa Margarita	7.2%	6.7%	5.4%	5.0%	6.0%	5.9%	5.6%	5.4%	5.1%	4.8%	5.3%	5.2%	5.1%	3.9%
Rossmoor CDP	8.0%	7.5%	6.1%	5.3%	6.3%	6.0%	7.0%	6.5%	6.4%	6.0%	6.7%	6.5%	6.2%	5.2%
San Clemente	8.1%	7.4%	6.0%	5.6%	6.8%	7.1%	6.5%	5.9%	5.5%	5.4%	5.8%	5.5%	5.4%	4.5%
San Juan Capistrano	8.0%	7.3%	5.9%	5.5%	6.3%	6.4%	5.8%	5.2%	5.2%	4.9%	5.4%	5.3%	5.0%	3.9%
Santa Ana	9.8%	9.3%	7.9%	7.0%	8.1%	7.8%	7.2%	6.9%	6.4%	6.0%	6.6%	6.4%	6.0%	5.2%
Seal Beach	8.6%	8.2%	6.7%	6.0%	7.2%	7.8%	7.2%	6.4%	6.0%	5.9%	6.7%	6.4%	6.4%	5.2%
Stanton	11.8%	11.3%	9.2%	7.8%	9.5%	8.6%	7.9%	7.7%	7.5%	7.2%	7.7%	7.4%	7.0%	6.2%
Tustin	8.7%	8.2%	7.0%	6.2%	7.1%	7.2%	6.4%	6.3%	6.1%	5.9%	6.5%	6.2%	6.1%	5.4%
Villa Park	10.3%	9.7%	7.9%	6.9%	8.1%	11.0%	3.7%	3.5%	3.4%	3.2%	3.6%	3.5%	3.3%	2.8%
Westminster	13.1%	12.3%	9.0%	7.6%	9.7%	9.7%	8.6%	8.0%	8.3%	8.2%	8.9%	8.5%	8.0%	6.9%
Yorba Linda	7.8%	7.0%	5.7%	5.1%	5.8%	6.1%	5.4%	5.2%	4.9%	4.7%	5.5%	5.2%	5.0%	4.0%
Unincorporated	8.3%	7.9%	6.4%	5.6%	6.3%	6.0%	6.3%	6.5%	5.7%	5.3%	6.3%	5.9%	6.2%	4.3%
Orange County	9.5%	8.9%	7.3%	6.4%	7.4%	7.3%	6.7%	6.3%	6.2%	5.8%	6.5%	6.3%	6.0%	5.0%
County monthly percenta	-2.9	-0.6	-1.6	-0.9	1.0	-0.1	-0.6	-0.4	-0.1	-0.4	0.7	-0.2	-0.3	-1.0
County year/year percent	6.5	6.4	4.7	3.8	5.0	4.4	3.9	2.6	-7.6	-8.9	-7.1	-6.1	-3.5	-3.9

CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Notes:

- 1) Data may not add due to rounding. All unemployment rates shown are calculated on unrounded data.
- 2) These data are not seasonally adjusted.
- 3) N/A = Estimate created by Bureau of Labor Statistics

Methodology:

Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs' were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

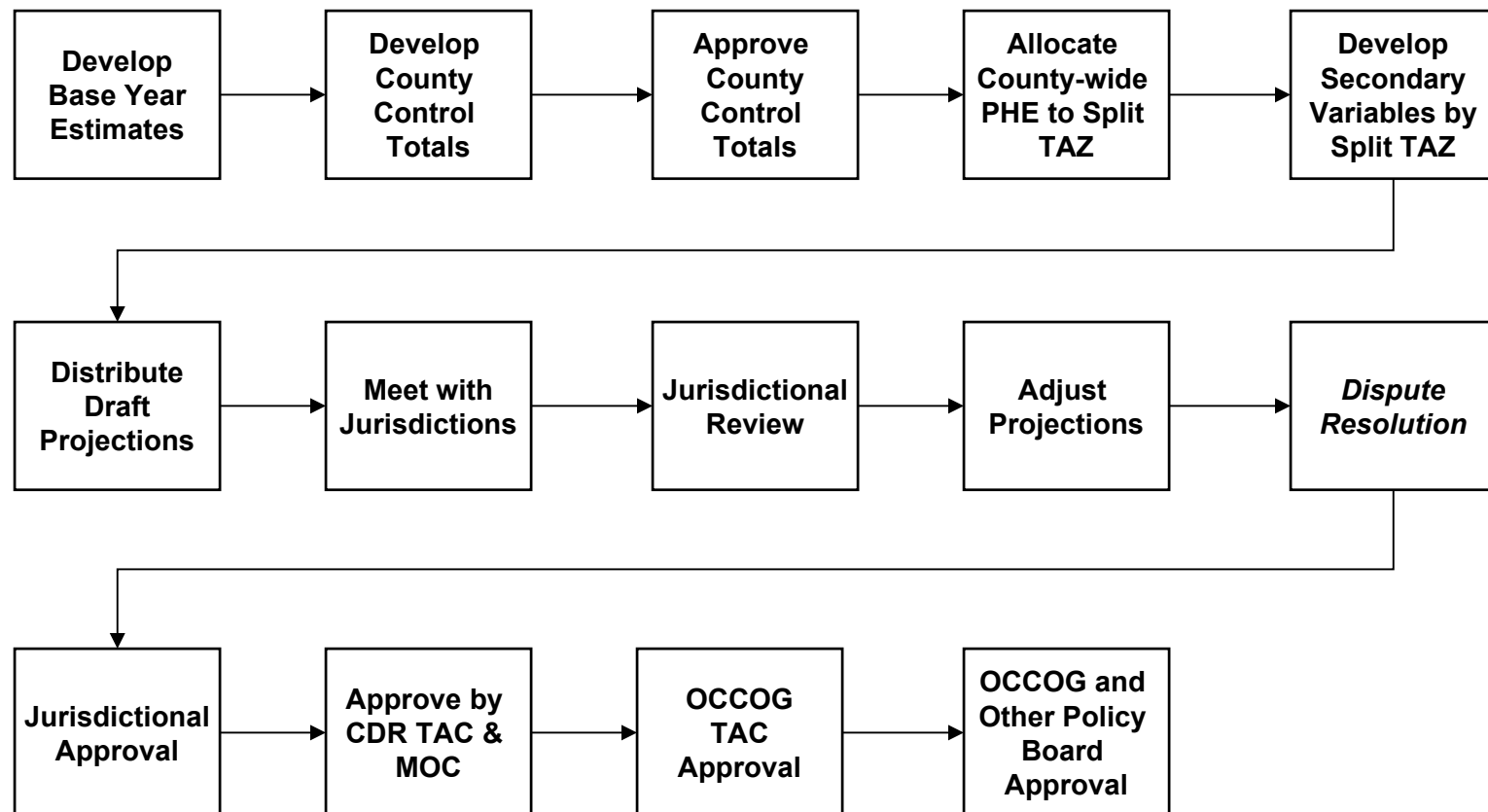
This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and CDP as at the county level (i.e., that the shares are still accurate). If this assumption is not true for a specific city or CDP, then the estimates for that area may not represent the current economic conditions. Since this assumption is untested, caution should be employed when using these data.

Source: CA State Employment Development Department, Labor Market Information Division; March 2019 Benchmark. October 2021
<http://www.labormarketinfo.edd.ca.gov>



OCP-2022 Process

Develop TAZ Level Projections



ORANGE COUNTY PROJECTIONS 2022 TASKS & DRAFT TIMELINE (10/20/2021 with anticipated SCAG 2024 RTP/SCS schedule)

Tasks	2020	2021				2022				2023				2024	
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
SCAG: determine base year															
OCP: Develop PHE growth assumptions															
OCP: Develop Base year 2019 estimates Population, Housing, & Employment (PHE)															
OCP: Review and Approve growth assumptions by CDR TAC															
SCAG: develop framework for 2024 RTP/SCS delegation															
SCAG: develop regional growth forecast framework for 2024 RTP/SCS delegation															
OCP: Allocate 2020 Census block data to revised OCTAM TAZs															
OCP: Project Countywide PHE															
SCAG: 2024 RTP/SCS Performance Framework															
SCAG: Growth Forecast Framework Report															
SCAG: Regional Growth Forecast (fall)															
SCAG: deadline for subregions to submit letter of intent on SCS															
SCAG: Collect general plan, zoning, land use, demolition data, develop draft data map books															
OCP: Approve Countywide PHE by CDR TAC & MOC															
OCP: OCCOG TAC & Board Approval of Countywide PHE															
OCP: Allocate Countywide PHE to Split TAZ															
SCAG: Policy Development Frameworks															
Early Public Outreach: Vision and Values															
SCAG: Update Goals & Guiding Policies Draft Performance Measures															
SCAG: collect input from jurisdictions on growth forecast; create local scenario planning options, one-on-one meetings w/ jurisdictions															
SCAG: Jurisdiction Review: general plan, zoning, land use (Map book data), survey															
SCAG: Release PHE data to jurisdictions for review & comment (OC will use OCP data)															
OCP: City meetings with CDR & SCAG															
OCP: Jurisdictional TAZ Review/Adjust PHE/Jurisdictional Approval															
OCP: Dispute Resolution															
OCP: Approve by CDR TAC & MOC															
OCP: OCCOG Technical Advisory Committee Approval															
OCP: Policy Approval at RSA level															
SCAG: Program Environmental Impact Report: Notice of Preparation (fall) & CTC deadline to submit projects to SCAG															
SCAG: deadline for local input on PHE															
OCP: Interim Adjustments if needed															
SCAG: Local Agency Data Validation Process Complete															
SCAG: Public Workshops: Draft Planning Policies & Strategies															
SCAG: Draft Plan Policy Discussions															
SCAG: release of draft policy growth forecast															
SCAG: Policy Committees recommend approval of draft RTP/PEIR release (fall)															
SCAG: RC approval of draft RTP/PEIR release															
SCAG: Policy Committees recommend approval of final RTP/PEIR															
SCAG: RC approval of final RTP/PEIR															

PHE: Population, housing & employment

APPENDIX A



2024 RTP/SCS PRELIMINARY MILESTONES

2021			2022			2023			2024			
SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING
FOUNDATIONS & FRAMEWORKS			DATA COLLECTION & POLICY DEVELOPMENT				OUTREACH & ANALYSIS			DRAFT PLAN & ADOPTION		
STAKEHOLDER ENGAGEMENT												
<p>▼ SPRING 2021</p> <ul style="list-style-type: none"> 2024 RTP/SCS Framework <p>▼ SUMMER 2021</p> <ul style="list-style-type: none"> SCS Subregional Delegation Guidelines 2024 RTP/SCS Performance Framework Growth Forecast Framework Report <p>▼ FALL 2021</p> <ul style="list-style-type: none"> Regional Growth Forecast <p>▼ WINTER 2022</p> <ul style="list-style-type: none"> Policy Development Frameworks Public Participation Plan and Consultation Policy with Tribal Governments and Federal Land Management Agencies Early Public Outreach: Vision and Values <p>▼ SPRING 2022</p> <ul style="list-style-type: none"> Update Goals & Guiding Policies Draft Performance Measures <p>— LOCAL AGENCY DATA VALIDATION PROCESS —</p> <p>▼ FALL 2022</p> <ul style="list-style-type: none"> Program Environmental Impact Report: Notice of Preparation Deadline for CTCs to Submit Projects to SCAG <p>▼ WINTER 2023</p> <ul style="list-style-type: none"> Technical Methodology Submittal to CARB Local Agency Data Validation Process Complete Public Workshops: Draft Planning Policies and Strategies <p>▼ SPRING 2023</p> <ul style="list-style-type: none"> Draft Plan Policy Discussions <p>▼ FALL 2023</p> <ul style="list-style-type: none"> Draft Connect SoCal 2024, Transportation Conformity Determination, and PEIR <p>▼ SPRING 2024</p> <ul style="list-style-type: none"> Comment Response Report and Plan Change Preview Final Connect SoCal 2024, Transportation Conformity Determination, and PEIR 												
<p>MILESTONES COLOR CODING: BOLD = ACTION ITEM</p> <ul style="list-style-type: none"> ■ MODELING/FORECAST ■ OUTREACH ■ PLAN FOUNDATION (GOALS & PERFORMANCE MEASURES) ■ LOCAL AGENCY INPUT PROCESS ■ PLAN ELEMENT (POLICIES, STRATEGIES, TECHNICAL REPORTS) 												

Comprehensive Geospatial Planning Solution and Site Visualization Services

OCCOG’s Comprehensive Geospatial Planning Solution and Site Visualization Services will provide technology solutions designed to support member jurisdictions with streamlining and advancing housing elements and other land use initiatives.

This countywide suite of geospatially enabled solutions grounded in ArcGIS, will allow jurisdictions to:

- ★ Access a repository of baseline datasets to support in identifying sites and development constraints.
- ★ Streamline the process for selecting sites based on customizable indicators and performance metrics.
- ★ Develop 3D models to conceptualize development capacity.
- ★ Streamline the yearly reporting process to meet HCD’s requirements.
- ★ Create visual simulations to envision proposed redevelopment for any applicable project.
- ★ Attend live web-based training sessions to learn how to use these tools effectively and maximize their value.

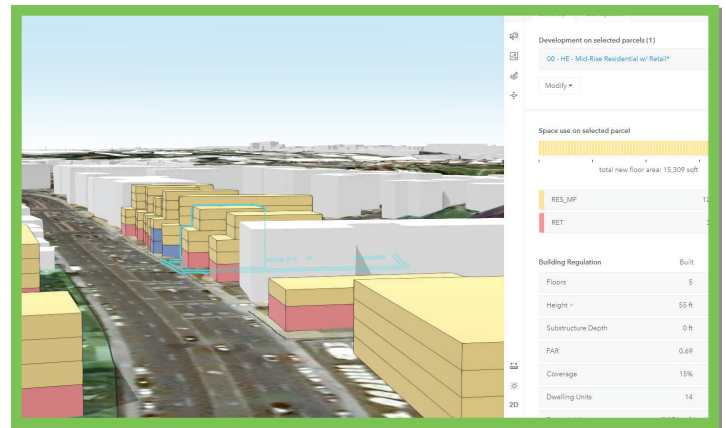
Work Sessions

Jurisdictions will be engaged for a brief work session to inform the development of each agency’s ArcGIS Urban and 3D site animated visualizations. These work sessions will allow agencies to provide input that will help inform the development of visualizations. Input will include but is not limited to understanding the site context, site features, and general intent/takeaway.

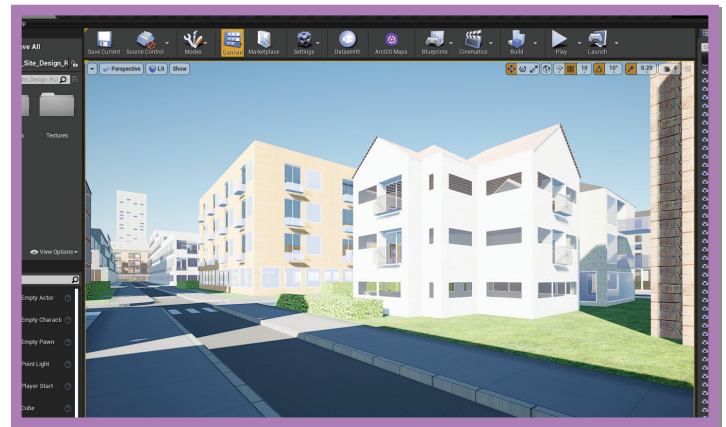
Request a License

All OCCOG member jurisdictions will be provided a suite of Esri licenses to support planning work and build technological capacity in the region. To request access to this software, please complete the license request survey using the link below.

<https://arcg.is/GmPzL>



Scenario and metrics comparison example



Unreal Engine high fidelity 3D model example

Professional Advisement Services

Professional advisement services will be provided to further support jurisdictions with developing visual materials and conducting outreach efforts. These consulting services will ensure successful housing production discussions and projects and include:

- ★ Local, regional, and state housing policy
- ★ Planning consultation
- ★ Public and community stakeholder outreach and engagement
- ★ Engagement of the real estate development community in dialogue to ensure successful housing production discussions and projects



For more information contact the consultant project manager:
Tara Lake (Tara.Lake@wsp.com, 619-849-5415)



AGENDA ITEM #12

Regional Early Action Planning (REAP) Subregional Partners Program Grant Update

STAFF RECOMMENDATION

Approve Memorandum of Understanding (MOU) with the Gateway Cities Council of Government (GCCOG) and Ventura County Council of Governments (VCCOG) for Scope of Work related to accessory dwelling unit (ADU) support, housing website, and model ordinance development.

SUMMARY

OCCOG is receiving \$3.245M in suballocated funds from the Southern California Association of Governments (SCAG) as part of the Subregional Partners Program of the Regional Early Action Planning (REAP) Grant Program. The Board has previously approved a program of projects to support our member jurisdictions in developing their housing elements and completing other planning activities related to increasing the amount of housing that is able to be built in Southern California. Staff is providing an update today on the progress of these projects and asking for approval to enter into a Memorandum of Understanding (MOU) with two subregional councils of governments, the Gateway Cities Council of Government (GCCOG) and Ventura County Council of Governments (VCCOG) to complete a specified scope of work related to ADU production, model ordinance development, and completion of the housing website.

OCCOG anticipates that there will be some ability to reallocate funds from previous REAP list of projects due to partnering with VCCOG and GCCOG. Additionally, OCCOG has been informed that SCAG will be making an additional 5% of funds already allocated available to the subregions for the Subregional Partners Program. This translates to an additional \$162,000 for the OCCOG region. Staff will be working with the TAC on identifying uses for the funding and returning to the Board in January to modify our list of projects to submit to SCAG for use of the additional funding.

BACKGROUND

OCCOG has four projects that we submitted with our application for the REAP program. Two projects are supporting the Orange County Housing Trust and Orange County Housing Finance Trust. OCCOG will provide an update on those projects next month. Today's update will focus on the two projects we are managing directly.

Geospatial Planning Solutions and 3-D Site Visualization

- Work on this project is ongoing, WSP and Esri providing these services



- Conducting biweekly progress meetings with WSP, Esri and OCCOG team
- 3-D Site visualization services are available anytime until June 2023.
- Reminder: Each jurisdiction receives a custom 3-D site visualization using Unreal Engine AND training for staff to use the “self-serve” site visualization tool, with license that is provided via this contract.
- Consultant team wrapping up the customized “Orange County-specific” elements of the site visualizations.
- Training to begin in early December; two 4-hour training sessions.
- Each jurisdiction receives Esri license. Half of OCCOG members have currently claimed their license. Consultant team is working with remaining jurisdictions to identify staff for the license.
- Presentation to OCCOG General Assembly

Housing Production Planning Activities

- Includes housing video series, ADU How-To Toolkit, Housing OC website, pre-approved plans and specifications, on-call staff augmentation, and model ordinance development
- OCCOG is handling the housing video production, ADU how-to Toolkit and website design and development with our contract staff
 - One housing video, with Spanish translation released per month.
 - Available to OCCOG jurisdictions for their use via OCCOG website.
 - Includes snackable content for social media.
 - 5 videos released so far, with a 6th video in production.
- Initial plan for pre-approved ADU plans and specifications was modified based on feedback from OCCOG jurisdictions
 - Moved away from procuring consultant for developing plans and specs
 - Instead, provide a clearinghouse for plans/specs already available
 - Work with building departments on securing approvals for plans and specs already procured via SCAG and other jurisdictions.
 - Interactive data-driven website that will enable property owners to see what plans are available at their address. Checklist that will help simplify the ADU permitting process.
 - Vendor portal/marketplace that will include financing, contractors, designers/architects.
- We are in discussions with Ventura County Council of Governments and Gateway Cities Council of Governments who were each planning similar projects to OCCOG’s planned project
 - Jointly work together on a new approach to ADU pre-approved plans and specifications, a housing resource website and model ordinance development.



- Board being given the “guts” of the MOU and Scope of Work for review and approval, Fred will finalize as to form.
- Each COG will bring REAP funding to the table. Each Board will approve the MOU.
- Opportunity for already-budgeted OCCOG staff time to be funded in part by contributions from the partners, allowing us to stretch our REAP dollars further.
- SCAG to provide access to their already procured bench of consultants to shorten procurement time and provide invoicing support, easing some administrative burden on OCCOG. Will be offset by some of our REAP funds being used for administration.
- Scope will now include the model ordinance development as that can also be used across the region and will have a cost savings by pooling resources.

Next Steps

- VCCOG and GCCOG Boards will review and approve the MOU and Scope of Work
- OCCOG will release RFP for consultant services, and return to Board for approval in March 2022
- OCCOG Staff is working on an RFP for on-call consultant resources to support member jurisdictions to be released in January 2022
- OCCOG Staff will invite OCHFT and OCHT to provide an update to the OCCOG Board on their REAP-funded activities in early 2022
- OCCOG Staff will return to the Board in January 2022 with recommended changes to the REAP project list based upon cost savings from the joint VCCOG-GCCOG-OCCOG project and the added 5% funding from SCAG.

ATTACHMENTS

- A. Proposed MOU terms
- B. Proposed Scope of Work and Timeline

STAFF CONTACT

Marnie O. Primmer
OCCOG Executive Director
(949)216-5288
marnie@occog.com



ATTACHMENT A Draft MOU terms

OCCOG will:

- Provide up to \$100,000 in funding
- Provide contract staff to manage the project
- Provide contract staff to design: the website, infographics, logos, complementary printed assets for use by jurisdictions (not including printing costs), presentation(s), social media posts, etc.
- Provide contract staff to develop content for: the website and ADU How-To materials including FAQs, checklist(s), presentation(s), handouts/brochures, social media posts, etc.
- Procure consultant for the following scope, see Attachment B
- Prepare monthly invoices for SCAG approval and payment
- Prepare quarterly reports for the project for SCAG approval
- Prepare annual reports for the project
- Timely payment of invoices to vendor(s)

VCOG will

- Provide up to \$50,000 in funding
- Provide point of contact/ project manager for your organization
- Assist with the development of the Scope of Work
- Provide a representative for the selection committee
- Provide a representative for regular project progress meetings
- Participate in stakeholder outreach/focus groups; identify any stakeholders that need to participate from your COG or subregion; provide contact information for jurisdictions
- Participate in beta testing of the site
- Provide comments during editing of ADU How-To and website tools
- Review and approve monthly, quarterly, and annual reporting

GCCOG will:

- Provide up to \$94,000 in funding
- Provide point of contact/ project manager for your organization
- Assist with the development of the Scope of Work
- Provide a representative for the selection committee
- Provide a representative for regular project progress meetings
- Participate in stakeholder outreach/focus groups; identify any stakeholders that need to participate from your COG or subregion provide contact information for jurisdictions
- Participate in beta testing of the site
- Provide comments during editing of ADU How-To and website tools
- Review and approve monthly, quarterly, and annual reporting

All:

- Adherence to SCAG REAP requirements



Attachment B Proposed Scope of Work and Timeline

OCCOG Contract Staff will be responsible for the following:

- Secure the website domain(s) and ISP
- Design a mobile-friendly responsive website, including applicable logo and branding
- Design public facing ADU How-To Tool Kit including: customizable checklists, brochures/handouts, presentation, social media posts
- Provide content for website and toolkit including FAQs for website, infographics, narrative etc.
- Work with Baird & Driscoll to secure access to Chan Zuckerberg-funded tool
- Incorporate the interactive Chan Zuckerberg-funded ADU calculator tool into the website
- Incorporate the property-specific tool developed by the consultant into the website
- Maintain the website for a term of 3 years, including monitoring SEO and metrics, report same to SCAG and/or HCD as required per REAP terms

Consultant will be responsible for the following:

- Conduct scoping meeting with partners and COG-identified stakeholders
- Develop a survey for COG jurisdictions, administer survey, provide and interpret results
- Conduct stakeholder outreach/ focus groups with COG jurisdictions
- Identify already-designed plans and specs that are to be listed on the site
- Secure rights to plans as needed, including payment if required
- Work with building departments in jurisdictions across the subregions to secure approval of use of those plans and specs
- Develop a database/ lookup tool that can be accessed via the website that will bring up ordinances, permitting requirements including covenants/agreements, specific plans and specs that can be used at that property and zoning rules for that property
- Develop a framework for an online vendor marketplace to be included on the website to include designers/architects/engineers, contractors, funding tools/ approaches, financial institutions
- Assist in identifying property owners to feature as case study or success stories on the website
- Provide Spanish translation for website or assist OCCOG to enable Spanish translation of the website
- Under direction from COG staff, develop of model ordinances for use by COG jurisdictions for at least the following:
 - ADUs
 - SB 9, 10
 - Motel Conversions
 - Up to 5 other housing production-related ordinances as directed by COG staff
- Additional services, as requested by participating COGs could include public outreach services
- Prepare monthly/quarterly/annual progress reports as required by REAP



Proposed Timeline:

October –December 2021 Approval of MOU and REAP Scope Change
January 3, 2022 Release RFP for response
February 1, 2022 RFP deadline
week of February 14-18, 2022 Interviews (if needed)
February- March 2022 Approval of selected consultant contract by respective Boards
March 2022 NTP
March 2022 Kickoff meeting with partners and key stakeholders
March-April 2022 Stakeholder meetings/focus groups
March-April 2022 Website framework developed
March- June 2022 Development of ADU How-To materials
March-October 2022 Consultant work: plans/specs; building department outreach and coordination;
development of interactive tool
August-September 2022 Website Beta developed
October 2022 Website testing



AGENDA ITEM # 4 Center for Demographic Research (CDR) Updates

STAFF RECOMMENDATION

Receive reports and discussion.

1. 2021 Housing Inventory System (HIS) Data Collection

The deadline for the January 1–June 30, 2021 HIS data was Friday, July 23, 2021.

The following cities have not submitted their data as of October 28, 2021:

- Fullerton
- Laguna Woods
- Seal Beach
- Westminster

Please submit data to CDR using the 2020 HIS form located at <http://www.fullerton.edu/cdr/HISform.xls>. Revisions to prior years may use either the new or old form. Please verify that the same data reported to CDR is also provided to DOF in their annual Housing Unit Change Survey. HIS submission forms were updated in 2020 to include additional sample entries, clarifications in the instructions, and an updated HIS unit flow chart to better explain how to record unit activity when attached ADUs are involved. This is similar to DOF's new housing survey flow chart DOF, but is tailored to CDR's 4 ADU types. An additional optional column was added "Building Permit Date Issued" to assist in compiling HIS, DOF and HCD APR data. For HIS questions, please contact Michelle Baehner, CDR's new Demographic Analyst at 657-278-3417 or mibaehner@fullerton.edu.

2. Orange County Progress Report – Top 5 Employers

CDR's annual Orange County Progress Report (OCPR) includes a list of the Top 5 employers in each jurisdiction (Attachment 1). For the last Progress Report (July 2020), the report utilized the 2019 data for the Top 5 employers instead of the 2020 information due to the COVID-19 pandemic, which caused employment numbers to change substantially in 2020.

To incorporate timely information from the 2020 Census, the OCPR report was intentionally delayed six months from late summer 2021 to early 2022. For the 2022 Orange County Progress Report's Top 5 employers, CDR will purchase a one-year license of the D&B Hoovers online marketing tool, which allows users to search their employer database by jurisdiction and by the number of employees on site. CDR will cross-reference the D&B Hoovers data with CDR's master employment file for OCP-2022, which contains the D&B January 2020 and December 2020 employers and CDR's 2021 government survey to ensure that employers with multiple sites within a jurisdiction will have their employee totals combined. The CDR did not complete the employer



survey of 100 or more employees on site in 2020 due to the pandemic and the lack of confirmation at the time of the base year for the 2024 RTP/SCS.

CDR will reach out via email to all 35 Orange County jurisdictions in late November 2021 to verify their updated Top 5 Employers information. The top 5 major employers list by jurisdiction factors in the aggregated number of employees for all sites for a single employer within a jurisdiction, not just the single site location's number of employees. The citations within the Progress Report will reflect the various sources ultimately used to compile and verify the data. Jurisdictions will have about a week to verify the data.

3. 2020 Census

The CDR has packaged and published the 2020 Census Public Law 94-171 Redistricting Data files at <http://www.fullerton.edu/cdr/demographics/census2020.aspx>. The data is also available online at data.census.gov.

CDR has also published a 2010-2020 Census decadal change document with city-level data and variables contained in the P.L. dataset. The document is attached to this report (Attachment 2) and also published at

http://www.fullerton.edu/cdr/_resources/pdf/census/Census2020_OC_change.pdf.

For redistricting purposes, cities and counties should use the Statewide Database's adjusted P.L. Redistricting files, which contain the adjusted population with the redistribution of the incarcerated population to their last known California address. The adjusted Citizen Voting Age Population has also been disaggregated to the 2020 Census block level. These are posted and can be accessed via click-through links at <https://statewidedatabase.org/redistricting2021/>.

4. Orange County Data Acquisition Partnership (OCDAP)

Data sharing: The County of Orange hosts an Open GIS data site that includes several new useful layers produced from remote sensing images and Lidar (Attachment 3). One includes a countywide coverage of trees derived from 2011 Lidar along with the species: palm, jacaranda, and eucalyptus. With the intention of including Lidar in OCDAP Cycle 2, these and other data points would be updated based on 2022 imagery/Lidar. Attachment 3 includes a brief overview of the new GIS datasets.

County Open GIS <https://data-ocpw.opendata.arcgis.com/>

Search for "trees" and they have some species as well (palm, jacaranda, eucalyptus)-
<https://data-ocpw.opendata.arcgis.com/search?q=tree>

Contact: Yan Li, GIS Specialist, OC Survey, OC Public Works, 714-967-0853

Yan.Li@ocpw.ocgov.com



STAFF REPORT
November 2, 2021

Orange County Council of Governments

Data update: waiting for SCAG to clear the building footprints, which is the last deliverable for Cycle 1.

Cycle 2 for the term of ~ July 2022-June 2024 is under development. An RFP is expected to go out by the end of 2021 and estimated costs for Cycle 2 will be shared once available. Cycle 2 imagery is planned to be collected in summer 2022.

Expected deliverables for Cycle 2 include:

- 3” aerial/ortho imagery with infrared for all Orange County (tif, ecw...) flown in summer 2022
- Building Footprints benchmarked to the 2022 aerial imagery
- Ability to download and retain local copies of above data to use in GIS and/or CAD systems software
- Vendor-hosted online software application for unlimited non-GIS users to view data listed above and perform data analysis
- Training for all participants
- One price for two years’ worth of access
- LiDAR (Light Detection and Ranging)— a remote sensing method used to examine the surface of the Earth
- Contours

For interest in Cycle 1 participation, please contact Javier Aguilar, SCAG aguilar@scag.ca.gov

For interest in Cycle 2 participation, please contact Deborah Diep, CDR ddiep@fullerton.edu to be added to the interest list.

Agency	Cycle 1 FY 2020/21-2021/22	Cycle 2 FY 2022/23-2023/24
City of Anaheim	Pending*	interested
City of Brea	Active	
City of Buena Park	Active	
City of Costa Mesa	Pending*	
City of Fountain Valley	Active	
City of Garden Grove	Active	
City of Irvine	Active	
City of Laguna Hills	Active	
City of Laguna Niguel	Active	interested
City of Lake Forest	Active	
City of Los Alamitos	Active	
City of Mission Viejo	Active	
City of Newport Beach	Active	
City of San Clemente	Active	
City of San Juan Capistrano	Active	



City of Santa Ana	Active	
City of Tustin	Active	
City of Westminster	Interested	
City of Yorba Linda	Active	Yes
County of Orange	No	Yes
Municipal Water District of Orange County	Active	Yes
Orange County Council of Governments	Active	Yes
Orange County Fire Authority	Active	Yes
Orange County Water District	Active	Yes
Southern California Association of Governments	Active	Yes

*Paid but Participation Agreement not received

5. OCP-2022 & 2024 SCAG RTP/SCS Timeline Update

CDR is currently working on the county control totals for the 2022 Orange County Projections (OCP-2022). County-level base year 2019 data has been drafted and CDR continues to disaggregate the 2020 Census population and housing counts to the new 2021 traffic analysis zones (TAZs). Monthly labor force information is included in Attachment 4 and Attachments 5-7 contain OCP & RTP milestones and timelines.

The draft timeline for the draft 2022 Orange County Projections (OCP-2022) data and jurisdiction review. Due to the delay of release of 2020 census data, the review of both the base year and projection year data will be combined into one effort for jurisdictions. The CDR has modified and extended the review timeline for jurisdictions to allow for more review time and will continue to monitor and modify the schedule as needed. The spring 2022 data review will include the 2020 Decennial Census data allocation to CDR geographies (and in preparation for CQR – Census Count Question Resolution program to correct census errors). Variables in the OCP-2022 spring 2022 review will include:

1. Base Year 2019 & 2020 Census verification:
 - a. 2020 Census Housing Unit Count
 - b. Net Housing Activity (HIS)
 - i. 7/1/2019-3/31/2020
 - ii. 4/1/2020-6/30/2021 (or 4/1/2020-12/31/2021 depending on release of data and submission by jurisdictions)
 - c. 7/1/2019
 - i. Total Dwelling/Housing Units
 - ii. Single Family Detached Housing Units
 - iii. All Other Housing Units
 - iv. Population
 - v. Resident (Household) Population
 - vi. Group Quarters Population
 - d. 2019 Employment (Total Jobs: wage & salary plus self-employed)



- i. Self-employed
2. Projection years 2025-2050 in five-year increments:
 - a. Total population
 - b. Housing units by type (SFD and all other)
 - c. Employment by type (retail, service, K-12 public schools, & other).

Below is the DRAFT OCP-2022 & SCAG 2024 RTP/SCS Schedule (subject to change):

1. *November 4, 2021: SCAG Policy Committee discussion on regional growth forecast draft totals*
2. Fall 2021- January 2022: OCP county control totals through OCP approval process
3. *November 18, 2021: SCAG Technical Working Group- tentative release of draft county-level growth forecast totals*
4. November-February 2021: Develop draft split TAZ OCP-2022 base year and projections data
5. *January 2022: SCAG release draft county-level projections to CEHD*
6. February 2022: Prep OCP-2022 base year, projections and 2020 Census verification packets
 - a. Split TAZ data, maps, Excel datasets and
 - b. CDR geographic reference web map will be posted online (geographies only, no data)
7. March 1, 2022: Tentative release of OCP base year and 2020 Census verification review packets at OCCOG TAC (in person?)
8. Tentative March 2022: OCP city meetings, release of draft OCP-2022 data for jurisdiction review (in person or virtual? May be pushed into April)
9. Spring 2022: Anticipated DOF release of decadal “smoothed” population data for 2010-2020
 - a. These will be folded into initial OCP county control totals if timing permits, and any subsequent revisions.
10. *May 2022: SCAG release draft growth visioning forecast to local jurisdictions for review*
11. May 2022- DOF release of E-5 January 1 population and housing estimates with 2020 Census benchmark
12. Tentative: ~end May 2022: OCP jurisdiction feedback due
 - a. Tentative pushing from end of April to end of May to provide more time for jurisdictions to review base year 2019 data, 2020 Census population and housing disaggregation, and OCP projections data in tandem with SCAG’s growth visioning dataset.
13. May-June 2022: Incorporate jurisdiction’s OCP feedback and finalize draft OCP-2022 for approval process
14. July-Sept/October 2022: Committee approvals of OCP to meet SCAG’s local input deadline in fall 2022 for 2024 RTP/SCS
15. *End October 2022: SCAG’s draft deadline for local jurisdictions’ feedback and comment on draft growth vision forecast and other data points.*

SCAG Growth Forecast

SCAG is currently developing their draft regional-level growth forecast, which is to be included in the November 4, 2021 Policy Committee agenda packets. Their forecast will then be disaggregated to the county level and then down to the jurisdiction and TAZ levels. At this time, there are no county-level numbers to review. Since SCAG is required to show that its RTP/SCS can



accommodate the 8-year RHNA determination, SCAG expects its 2024 RTP/SCS household projection (occupied housing units) to be a minimum of 1.3M households between 2019 and 2050. Though not yet decided, one of the possibilities SCAG is considering is that each county will be expected/assigned a household projection that equals at least their RHNA allocation. It is not known if the draft jurisdiction-level numbers would also reflect the full RHNA allocations or jurisdictions would be held to a minimum of their RHNA allocation within SCAG's growth forecast.

SCAG is also considering the development and release of their growth forecast/vision at the small-area/TAZ level that would achieve various outcomes—including meeting the GHG reduction targets, air quality metrics and other policy goals—early in the RTP/SCS process so that jurisdictions would be able to review and provide feedback on the draft growth vision starting in May 2022. CDR is working with SCAG staff to try and coordinate the review efforts of the OCP and SCAG's draft growth forecast so there is overlap and both datasets can be reviewed simultaneously. We will keep the TAC updated on the process and timeline.

As mentioned previously, CDR has drafted initial county-level totals for population, housing and employment and will review these in comparison to SCAG's draft regional and county-level forecasts once available.

CDR Attachments:

1. Orange County Progress Report - Top 5 employers
2. 2010-2020 Decadal Change by Orange County Jurisdiction
3. County of Orange New Datasets Produced from Remote Sensing Images and Lidar
4. 2019-2021 Monthly EDD Labor Force Data by Jurisdiction
5. OCP-2022 Process Chart
6. Draft OCP-2022 Timeline
7. Draft SCAG 2024 RTP/SCS Timeline

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ORANGE COUNTY

ECONOMIC AND LABOR FORCE CHARACTERISTICS

TAXABLE SALES (1)

Type of Business	2017 Permits	Taxable Transactions (thousands)	2018 Permits	Taxable Transactions (thousands)	2019 Permits	Taxable Transactions (thousands)
Retail Stores:						
Apparel Stores	10,939	\$4,179,345	11,304	\$4,420,905	11,865	\$4,500,253
General Merchandise	2,665	\$4,718,176	2,751	\$5,424,321	2,858	\$5,560,725
Food Stores	2,767	\$2,399,937	2,861	\$2,460,590	2,883	\$2,483,665
Eating & Drinking Places	9,966	\$7,953,348	10,048	\$8,195,164	10,276	\$8,546,309
Home Furnishings & Appliances	4,917	\$3,074,289	5,054	\$3,037,974	5,023	\$2,884,724
Building Material & Farm Implements	1,629	\$3,106,396	1,579	\$3,184,381	1,551	\$3,157,928
Auto Dealers & Supplies	3,338	\$8,927,828	3,418	\$9,408,046	3,472	\$9,640,648
Service Stations	652	\$3,745,819	656	\$4,203,824	656	\$4,122,875
Other Retail Stores	31,828	\$5,561,331	31,557	\$5,742,982	32,721	\$6,147,071
Retail Stores Total:	68,701	\$43,666,470	69,228	\$46,078,187	71,305	\$47,044,198
All Other Outlets:	44,479	\$20,884,954	48,405	\$21,390,429	51,684	\$22,454,960
Total All Outlets:	113,180	\$64,551,424	117,633	\$67,468,616	122,989	\$69,499,158

2019 MAJOR EMPLOYERS IN ORANGE COUNTY (2)

Employer	Estimated Employees
Disneyland Resort and Hotels	30,000
County of Orange	29,514
The Boeing Company	13,151
University of California, Irvine	9,283
UCI Medical Center	8,920

EMPLOYMENT (3)*

	May 2019	May 2020
Labor Force	1,611,400	1,547,600
Employed	1,572,300	1,320,500
Number Unemployed	39,100	227,100
Unemployment Rate	2.4%	14.7%

CURRENT PROJECTIONS SERIES EMPLOYMENT: OCP-2018 (4)

2016	1,710,147
2020	1,773,571
2025	1,835,106
2030	1,886,065
2035	1,927,505
2040	1,960,051
2045	1,980,433

*Data may not add due to rounding. All unemployment rates shown are calculated on unrounded data.

Sources: (1) California State Board of Equalization.
 (2) D&B Hoovers Business Information Database, 2019.
 (3) California Employment Development Dept.
 (4) Center for Demographic Research, CSUF.

Orange County Change: Census 2010 to 2020

This profile report contains data from the 2010 and 2020 U.S. Census files for Orange County, California. It includes separate tables with numbers and percent shares by city and 2010 census designated places (CDPs) for 2010 and 2020 total population by race/ethnicity; population aged 18 and over; population aged 0-17; group quarters population; and housing unit type. Pages 6-20 contain Tables 1-15 showing the numeric and percent change for the same items between 2010 and 2020.

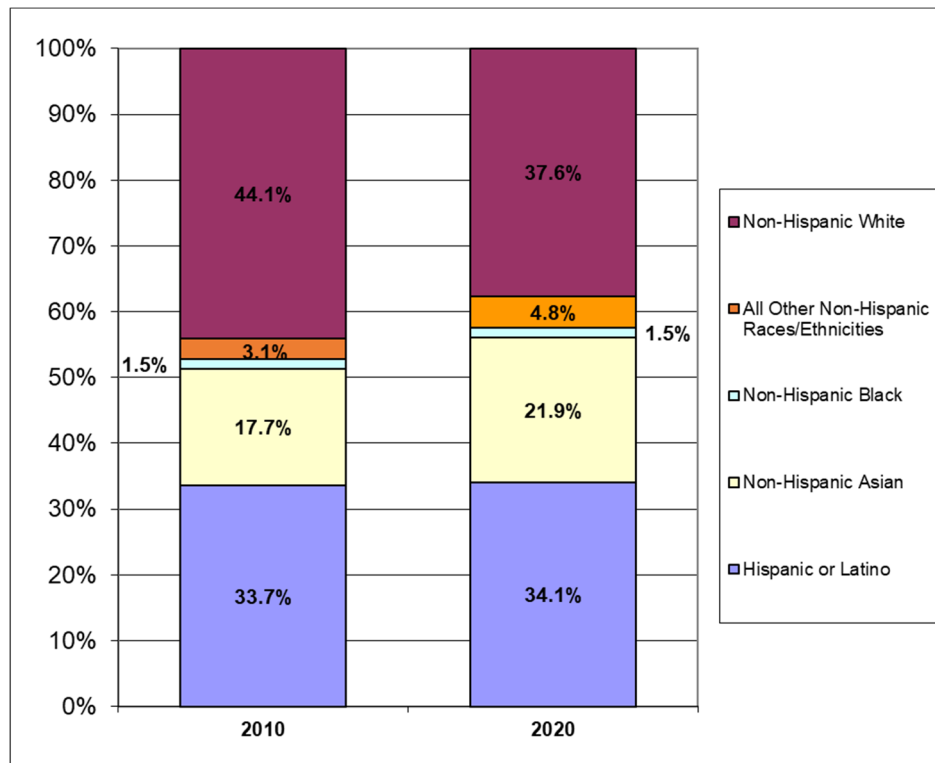
City boundaries in Orange County changed in multiple areas since 2010 (Map 1). There were also five new census designated places (CDPs) added: Modjeska CDP, Rancho Mission Viejo CDP, Silverado CDP, Trabuco Canyon CDP and Williams Canyon CDP. With these additional CDPs, there are now a total of 11 CDPs in the county. The data tables referenced above (pages 6-20) do not include the five new CDPs.

Since 2010, Orange County's population has increased by 5.87% from 3,010,232 to 3,186,989.

Map 2 shows the population change by jurisdiction. The cities with the largest percentage increases in population were Irvine, Brea, and Lake Forest. Since 2003, Orange County has been a minority majority county—meaning the non-Hispanic white population no longer comprised more than 50% of the county population. Since 2010, Non-Hispanic White, Non-Hispanic American Indian/Alaska Native, and Non-Hispanic Native Hawaiian and Pacific Islander had decreases in population (Figure 2).

A similar pattern of growth can be seen in the housing unit change as with population change (Map 3). The largest housing unit percentage increases were seen in the same cities with the largest population growth. The County's housing inventory increased by 7.71%, or 80,878 units, over the decade (Figure 3). The number of occupied units increased by 8.19%. The number of vacant units decreased by 0.79%.

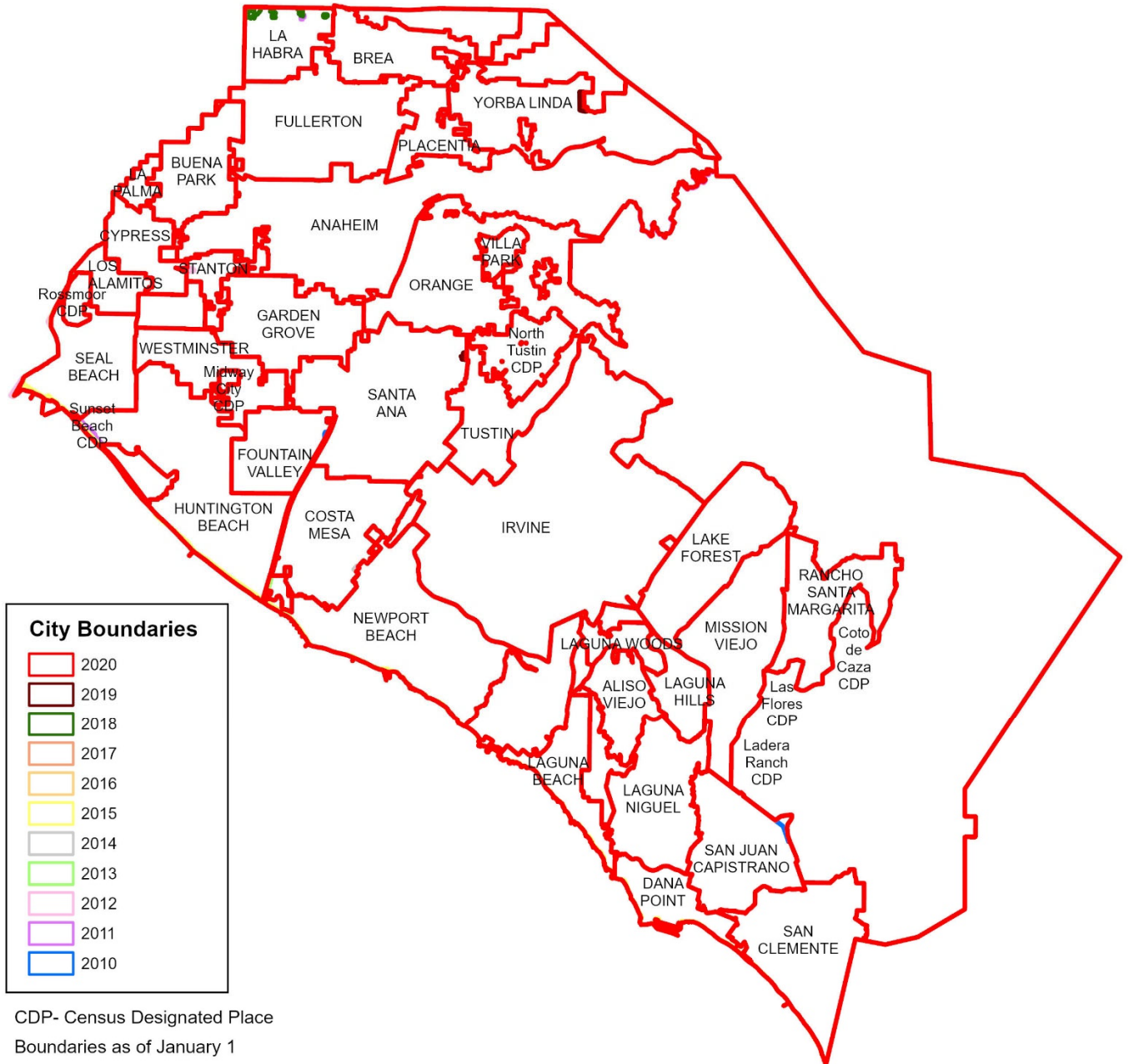
Figure 1
Share of Total Orange County Population by Race/Ethnicity, 2010-2020



Map 1

Orange County City Boundary Progression

2010-2020



For more information on annual changes to city boundaries, please see the CDR Boundary and Annexation Reports at www.fullerton.edu/cdr/products

Map 2 Orange County Population Change by Jurisdiction 2010-2020

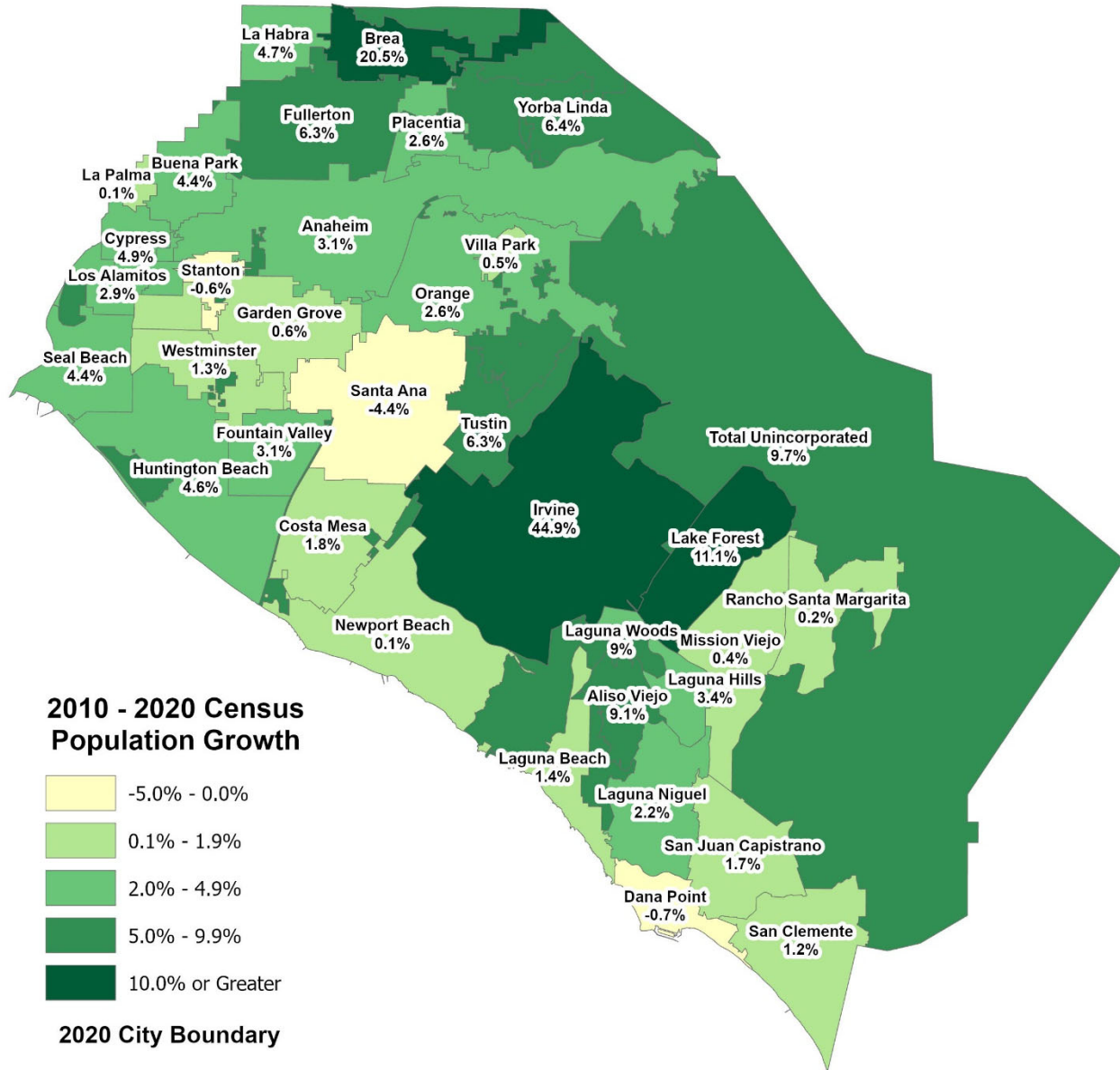


Figure 2

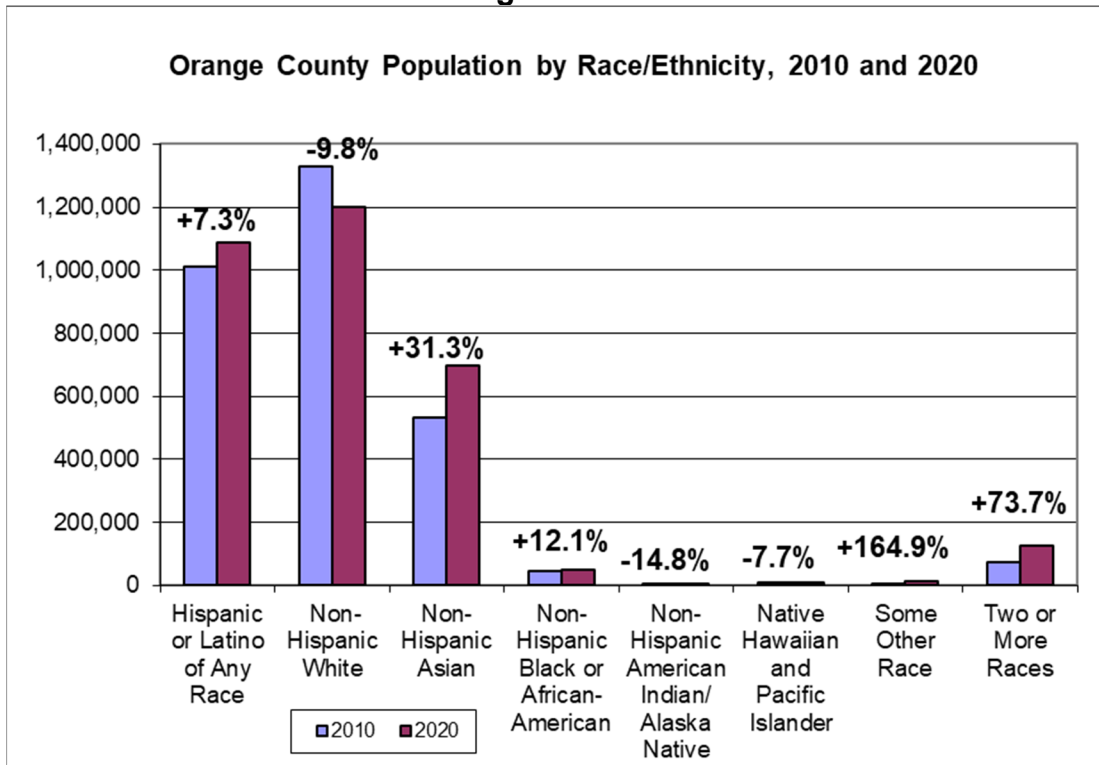
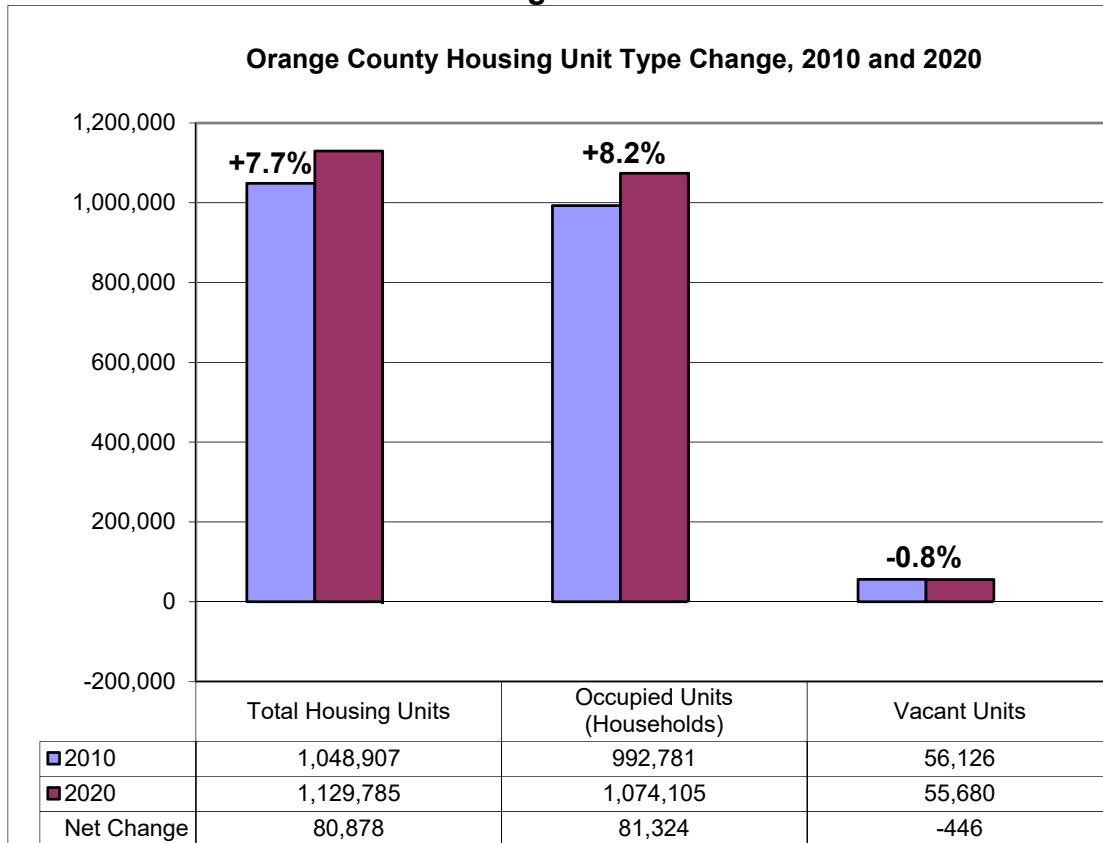


Figure 3



Map 3 Orange County Housing Unit Change by Jurisdiction 2010-2020

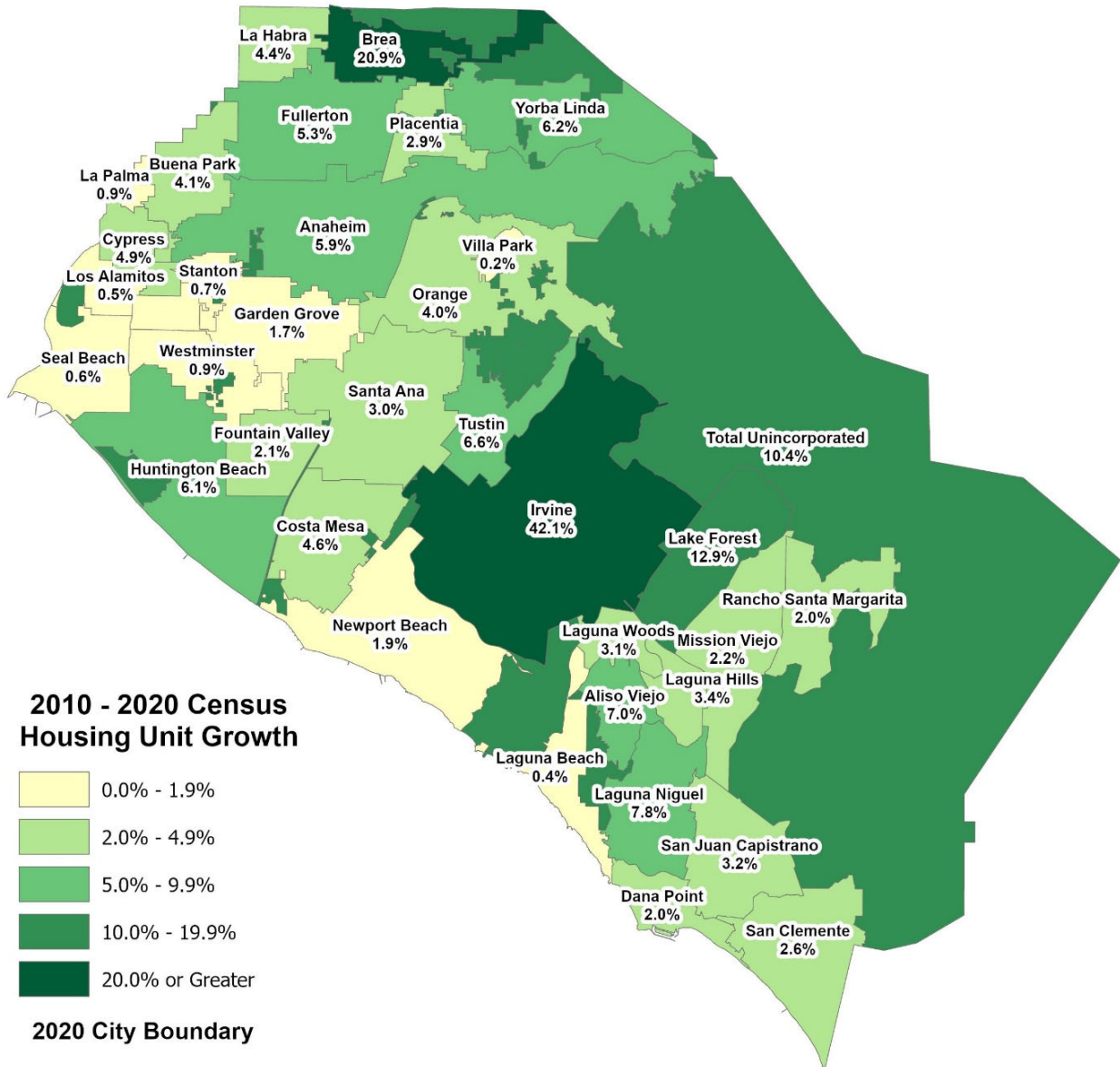


Table 1: Orange County Total Population by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	8,164	9,836	29,538	29,044	6,902	8,509	892	949	82	48	75	155	136	323	2,034	3,312	47,823	52,176
Anaheim	177,467	186,651	92,362	78,237	49,210	60,632	8,209	8,465	743	646	1,437	1,297	628	1,485	6,209	9,411	336,265	346,824
Brea	9,817	12,972	20,690	18,256	7,068	13,082	499	784	90	101	62	54	82	230	974	1,846	39,282	47,325
Buena Park	31,638	34,330	22,302	16,331	21,232	27,499	2,809	2,504	188	174	389	373	139	345	1,833	2,478	80,530	84,034
Costa Mesa	39,403	40,795	56,993	54,169	8,483	9,455	1,352	1,306	266	232	486	412	243	618	2,734	4,931	109,960	111,918
Coto de Caza CDP	1,170	1,522	12,219	10,722	860	1,354	129	178	23	15	20	7	30	73	415	839	14,866	14,710
Cypress	8,779	10,689	20,865	16,356	14,850	18,743	1,376	1,522	142	85	204	251	87	203	1,499	2,302	47,802	50,151
Dana Point	5,662	6,294	25,468	23,463	1,037	1,291	255	268	110	66	37	30	63	163	719	1,532	33,351	33,107
Fountain Valley	7,250	8,837	27,234	22,230	18,324	22,532	473	526	127	71	159	126	113	234	1,633	2,491	55,313	57,047
Fullerton	46,501	54,225	51,656	42,150	30,486	37,913	2,791	2,972	251	289	270	266	243	691	2,963	5,111	135,161	143,617
Garden Grove	63,079	64,102	38,558	28,172	63,118	72,524	1,752	1,595	286	220	1,030	759	219	688	2,841	3,889	170,883	171,949
Huntington Beach	32,411	39,457	127,640	117,536	20,792	25,921	1,635	2,111	532	443	595	532	395	1,234	5,992	11,477	189,992	198,711
Irvine	19,621	35,855	95,822	106,056	82,722	139,725	3,494	6,646	199	285	295	341	554	1,790	9,668	16,972	212,375	307,670
La Habra	34,449	37,439	18,178	14,953	5,501	7,802	836	1,047	148	143	80	60	88	254	959	1,399	60,239	63,097
La Palma	2,487	2,939	4,329	3,324	7,432	7,835	773	766	26	18	36	77	43	54	442	568	15,568	15,581
Ladera Ranch CDP	2,952	3,607	15,939	17,039	2,734	3,389	312	253	33	40	27	28	31	115	952	1,699	22,980	26,170
Laguna Beach	1,650	2,155	19,472	18,328	797	961	158	181	34	25	13	18	52	130	547	1,234	22,723	23,032
Laguna Hills	6,242	7,489	18,725	16,849	3,790	4,715	373	420	53	32	45	41	65	173	1,051	1,655	30,344	31,374
Laguna Niguel	8,761	10,510	45,682	42,824	5,390	6,306	693	766	115	115	79	67	118	344	2,141	3,423	62,979	64,355
Laguna Woods	650	939	13,600	12,206	1,613	3,796	105	158	17	9	10	10	18	35	179	491	16,192	17,644
Lake Forest	19,024	21,945	44,177	40,506	9,985	16,650	1,158	1,312	195	153	172	144	166	450	2,387	4,698	77,264	85,858
Las Flores CDP	984	1,061	3,857	3,499	766	948	89	80	14	9	12	10	17	38	232	350	5,971	5,995
Los Alamitos	2,418	3,026	6,721	5,449	1,447	2,060	300	347	22	34	47	69	46	68	448	727	11,449	11,780
Midway City CDP	2,467	2,803	1,776	1,148	3,960	4,597	62	45	24	13	38	16	10	24	148	179	8,485	8,825
Mission Viejo	15,877	17,986	64,276	57,790	8,312	10,822	1,129	1,134	176	117	146	152	201	454	3,188	5,198	93,305	93,653
Newport Beach	6,174	8,190	70,142	64,352	5,925	7,443	571	626	152	100	95	81	165	417	1,962	4,030	85,186	85,239
North Tustin CDP	3,260	4,480	18,784	16,478	1,975	2,956	138	163	58	27	47	38	55	109	600	1,467	24,917	25,718
Orange	52,014	57,575	63,805	55,330	15,116	18,058	1,895	2,221	357	289	321	328	244	666	2,664	5,444	136,416	139,911
Placentia	18,416	19,691	22,590	18,993	7,457	9,940	818	946	123	105	58	69	74	219	997	1,861	50,533	51,824
Rancho Santa Margarita	8,902	10,297	32,054	27,930	4,268	5,711	788	761	82	73	88	92	91	225	1,580	2,860	47,853	47,949
Rossmoor CDP	1,174	1,628	7,845	6,623	812	1,526	76	101	29	12	21	24	7	30	280	681	10,244	10,625
San Clemente	10,702	11,679	48,254	45,889	2,269	2,513	349	382	193	180	78	88	89	353	1,588	3,209	63,522	64,293
San Juan Capistrano	13,388	13,704	19,312	18,591	952	1,194	146	139	156	106	30	22	43	147	566	1,293	34,593	35,196
Santa Ana	253,928	238,022	29,950	26,438	33,618	37,440	3,177	2,745	507	485	826	635	375	921	2,147	3,541	324,528	310,227
Seal Beach	2,331	3,153	18,580	16,814	2,273	3,624	255	370	38	53	52	46	62	91	577	1,091	24,168	25,242
Stanton	19,417	18,807	8,340	5,968	8,708	11,250	703	666	107	58	202	208	75	198	634	807	38,186	37,962
Tustin	30,024	32,712	26,317	22,901	15,147	19,043	1,535	1,619	142	95	244	193	185	418	1,946	3,295	75,540	80,276
Villa Park	598	724	4,177	3,641	848	1,116	42	47	26	2	1	5	11	13	109	295	5,812	5,843
Westminster	21,176	22,345	22,972	17,962	42,414	46,513	700	853	132	146	324	415	113	250	1,870	2,427	89,701	90,911
Yorba Linda	9,220	12,269	42,183	36,022	9,957	15,570	789	786	120	100	78	63	152	374	1,735	3,152	64,234	68,336
Unincorporated	13,326	14,094	15,115	18,086	3,927	6,166	364	544	98	84	128	112	65	171	674	1,577	33,697	40,834
Total Orange County	1,012,973	1,086,834	1,328,499	1,198,655	532,477	699,124	44,000	49,304	6,216	5,298	8,357	7,714	5,593	14,818	72,117	125,242	3,010,232	3,186,989

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 2: Percent Share of Population by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	17.1%	18.9%	61.8%	55.7%	14.4%	16.3%	1.9%	1.8%	0.2%	0.1%	0.2%	0.3%	0.3%	0.6%	4.3%	6.3%	100.0%	100.0%
Anaheim	52.8%	53.8%	27.5%	22.6%	14.6%	17.5%	2.4%	2.4%	0.2%	0.2%	0.4%	0.4%	0.2%	0.4%	1.8%	2.7%	100.0%	100.0%
Brea	25.0%	27.4%	52.7%	38.6%	18.0%	27.6%	1.3%	1.7%	0.2%	0.2%	0.2%	0.1%	0.2%	0.5%	2.5%	3.9%	100.0%	100.0%
Buena Park	39.3%	40.9%	27.7%	19.4%	26.4%	32.7%	3.5%	3.0%	0.2%	0.2%	0.5%	0.4%	0.2%	0.4%	2.3%	2.9%	100.0%	100.0%
Costa Mesa	35.8%	36.5%	51.8%	48.4%	7.7%	8.4%	1.2%	1.2%	0.2%	0.2%	0.4%	0.4%	0.2%	0.6%	2.5%	4.4%	100.0%	100.0%
Coto de Caza CDP	7.9%	10.3%	82.2%	72.9%	5.8%	9.2%	0.9%	1.2%	0.2%	0.1%	0.1%	0.0%	0.2%	0.5%	2.8%	5.7%	100.0%	100.0%
Cypress	18.4%	21.3%	43.6%	32.6%	31.1%	37.4%	2.9%	3.0%	0.3%	0.2%	0.4%	0.5%	0.2%	0.4%	3.1%	4.6%	100.0%	100.0%
Dana Point	17.0%	19.0%	76.4%	70.9%	3.1%	3.9%	0.8%	0.8%	0.3%	0.2%	0.1%	0.1%	0.2%	0.5%	2.2%	4.6%	100.0%	100.0%
Fountain Valley	13.1%	15.5%	49.2%	39.0%	33.1%	39.5%	0.9%	0.9%	0.2%	0.1%	0.3%	0.2%	0.2%	0.4%	3.0%	4.4%	100.0%	100.0%
Fullerton	34.4%	37.8%	38.2%	29.3%	22.6%	26.4%	2.1%	2.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.5%	2.2%	3.6%	100.0%	100.0%
Garden Grove	36.9%	37.3%	22.6%	16.4%	36.9%	42.2%	1.0%	0.9%	0.2%	0.1%	0.6%	0.4%	0.1%	0.4%	1.7%	2.3%	100.0%	100.0%
Huntington Beach	17.1%	19.9%	67.2%	59.1%	10.9%	13.0%	0.9%	1.1%	0.3%	0.2%	0.3%	0.3%	0.2%	0.6%	3.2%	5.8%	100.0%	100.0%
Irvine	9.2%	11.7%	45.1%	34.5%	39.0%	45.4%	1.6%	2.2%	0.1%	0.1%	0.1%	0.1%	0.3%	0.6%	4.6%	5.5%	100.0%	100.0%
La Habra	57.2%	59.3%	30.2%	23.7%	9.1%	12.4%	1.4%	1.7%	0.2%	0.2%	0.1%	0.1%	0.1%	0.4%	1.6%	2.2%	100.0%	100.0%
La Palma	16.0%	18.9%	27.8%	21.3%	47.7%	50.3%	5.0%	4.9%	0.2%	0.1%	0.2%	0.5%	0.3%	0.3%	2.8%	3.6%	100.0%	100.0%
Ladera Ranch CDP	12.8%	13.8%	69.4%	65.1%	11.9%	12.9%	1.4%	1.0%	0.1%	0.2%	0.1%	0.1%	0.1%	0.4%	4.1%	6.5%	100.0%	100.0%
Laguna Beach	7.3%	9.4%	85.7%	79.6%	3.5%	4.2%	0.7%	0.8%	0.1%	0.1%	0.1%	0.1%	0.2%	0.6%	2.4%	5.4%	100.0%	100.0%
Laguna Hills	20.6%	23.9%	61.7%	53.7%	12.5%	15.0%	1.2%	1.3%	0.2%	0.1%	0.1%	0.1%	0.2%	0.6%	3.5%	5.3%	100.0%	100.0%
Laguna Niguel	13.9%	16.3%	72.5%	66.5%	8.6%	9.8%	1.1%	1.2%	0.2%	0.2%	0.1%	0.1%	0.2%	0.5%	3.4%	5.3%	100.0%	100.0%
Laguna Woods	4.0%	5.3%	84.0%	69.2%	10.0%	21.5%	0.6%	0.9%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	1.1%	2.8%	100.0%	100.0%
Lake Forest	24.6%	25.6%	57.2%	47.2%	12.9%	19.4%	1.5%	1.5%	0.3%	0.2%	0.2%	0.2%	0.2%	0.5%	3.1%	5.5%	100.0%	100.0%
Las Flores CDP	16.5%	17.7%	64.6%	58.4%	12.8%	15.8%	1.5%	1.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.6%	3.9%	5.8%	100.0%	100.0%
Los Alamitos	21.1%	25.7%	58.7%	46.3%	12.6%	17.5%	2.6%	2.9%	0.2%	0.3%	0.4%	0.6%	0.4%	0.6%	3.9%	6.2%	100.0%	100.0%
Midway City CDP	29.1%	31.8%	20.9%	13.0%	46.7%	52.1%	0.7%	0.5%	0.3%	0.1%	0.4%	0.2%	0.1%	0.3%	1.7%	2.0%	100.0%	100.0%
Mission Viejo	17.0%	19.2%	68.9%	61.7%	8.9%	11.6%	1.2%	1.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.5%	3.4%	5.6%	100.0%	100.0%
Newport Beach	7.2%	9.6%	82.3%	75.5%	7.0%	8.7%	0.7%	0.7%	0.2%	0.1%	0.1%	0.1%	0.2%	0.5%	2.3%	4.7%	100.0%	100.0%
North Tustin CDP	13.1%	17.4%	75.4%	64.1%	7.9%	11.5%	0.6%	0.6%	0.2%	0.1%	0.2%	0.1%	0.2%	0.4%	2.4%	5.7%	100.0%	100.0%
Orange	38.1%	41.2%	46.8%	39.5%	11.1%	12.9%	1.4%	1.6%	0.3%	0.2%	0.2%	0.2%	0.2%	0.5%	2.0%	3.9%	100.0%	100.0%
Placentia	36.4%	38.0%	44.7%	36.6%	14.8%	19.2%	1.6%	1.8%	0.2%	0.2%	0.1%	0.1%	0.1%	0.4%	2.0%	3.6%	100.0%	100.0%
Rancho Santa Margarita	18.6%	21.5%	67.0%	58.2%	8.9%	11.9%	1.6%	1.6%	0.2%	0.2%	0.2%	0.2%	0.2%	0.5%	3.3%	6.0%	100.0%	100.0%
Rossmoor CDP	11.5%	15.3%	76.6%	62.3%	7.9%	14.4%	0.7%	1.0%	0.3%	0.1%	0.2%	0.2%	0.1%	0.3%	2.7%	6.4%	100.0%	100.0%
San Clemente	16.8%	18.2%	76.0%	71.4%	3.6%	3.9%	0.5%	0.6%	0.3%	0.3%	0.1%	0.1%	0.1%	0.5%	2.5%	5.0%	100.0%	100.0%
San Juan Capistrano	38.7%	38.9%	55.8%	52.8%	2.8%	3.4%	0.4%	0.4%	0.5%	0.3%	0.1%	0.1%	0.1%	0.4%	1.6%	3.7%	100.0%	100.0%
Santa Ana	78.2%	76.7%	9.2%	8.5%	10.4%	12.1%	1.0%	0.9%	0.2%	0.2%	0.3%	0.2%	0.1%	0.3%	0.7%	1.1%	100.0%	100.0%
Seal Beach	9.6%	12.5%	76.9%	66.6%	9.4%	14.4%	1.1%	1.5%	0.2%	0.2%	0.2%	0.2%	0.3%	0.4%	2.4%	4.3%	100.0%	100.0%
Stanton	50.8%	49.5%	21.8%	15.7%	22.8%	29.6%	1.8%	1.8%	0.3%	0.2%	0.5%	0.5%	0.2%	0.5%	1.7%	2.1%	100.0%	100.0%
Tustin	39.7%	40.7%	34.8%	28.5%	20.1%	23.7%	2.0%	2.0%	0.2%	0.1%	0.3%	0.2%	0.2%	0.5%	2.6%	4.1%	100.0%	100.0%
Villa Park	10.3%	12.4%	71.9%	62.3%	14.6%	19.1%	0.7%	0.8%	0.4%	0.0%	0.0%	0.1%	0.2%	0.2%	1.9%	5.0%	100.0%	100.0%
Westminster	23.6%	24.6%	25.6%	19.8%	47.3%	51.2%	0.8%	0.9%	0.1%	0.2%	0.4%	0.5%	0.1%	0.3%	2.1%	2.7%	100.0%	100.0%
Yorba Linda	14.4%	18.0%	65.7%	52.7%	15.5%	22.8%	1.2%	1.2%	0.2%	0.1%	0.1%	0.1%	0.2%	0.5%	2.7%	4.6%	100.0%	100.0%
Unincorporated	39.5%	34.5%	44.9%	44.3%	11.7%	15.1%	1.1%	1.3%	0.3%	0.2%	0.4%	0.3%	0.2%	0.4%	2.0%	3.9%	100.0%	100.0%
Total Orange County	33.7%	34.1%	44.1%	37.6%	17.7%	21.9%	1.5%	1.5%	0.2%	0.2%	0.3%	0.2%	0.2%	0.5%	2.4%	3.9%	100.0%	100.0%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 3: Orange County Population 18 Years and Over by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	5,470	7,077	22,676	23,395	5,325	6,814	697	833	66	39	64	105	82	224	1,048	2,091	35,428	40,578
Anaheim	114,796	133,377	77,951	68,199	39,478	50,983	6,322	6,904	583	539	1,008	1,048	422	1,039	3,788	6,335	244,348	268,424
Brea	6,797	9,504	17,049	15,692	5,267	9,991	393	635	72	88	46	45	59	163	542	1,195	30,225	37,313
Buena Park	20,731	24,356	18,819	14,215	17,019	23,079	2,028	1,960	155	163	284	297	85	224	1,048	1,654	60,169	65,948
Costa Mesa	26,543	29,729	48,698	46,703	7,426	8,408	1,128	1,134	233	201	364	328	168	486	1,718	3,396	86,278	90,385
Coto de Caza CDP	759	1,077	8,610	8,531	630	1,098	99	155	19	8	16	1	22	51	166	519	10,321	11,440
Cypress	5,993	7,832	17,259	14,035	11,042	14,449	1,053	1,184	121	66	165	218	61	162	765	1,471	36,459	39,417
Dana Point	3,975	4,690	21,706	20,584	910	1,198	217	232	95	57	33	26	47	129	409	1,115	27,392	28,031
Fountain Valley	5,078	6,485	22,636	19,227	14,377	18,313	388	461	93	62	128	102	76	171	894	1,613	43,670	46,434
Fullerton	30,913	39,437	44,206	37,072	23,835	30,739	2,255	2,471	211	250	220	227	170	537	1,793	3,472	103,603	114,205
Garden Grove	41,415	46,291	32,685	24,857	48,892	59,679	1,369	1,285	244	180	725	612	145	525	1,645	2,551	127,120	135,980
Huntington Beach	22,096	28,932	105,810	101,048	17,152	21,927	1,339	1,811	450	408	478	436	276	985	3,263	7,636	150,864	163,183
Irvine	14,484	28,278	79,091	88,871	63,851	107,949	2,719	5,419	158	185	244	262	356	1,313	5,797	10,860	166,700	243,137
La Habra	22,623	27,019	15,532	13,003	4,540	6,718	639	852	124	121	69	44	63	202	587	956	44,177	48,915
La Palma	1,747	2,144	3,660	2,934	5,827	6,444	578	618	20	15	31	57	36	39	246	394	12,145	12,645
Ladera Ranch CDP	1,663	2,175	10,016	11,220	1,902	2,471	209	194	27	30	21	22	17	80	313	806	14,168	16,998
Laguna Beach	1,243	1,705	16,622	16,063	697	847	133	155	30	21	11	14	32	102	307	835	19,075	19,742
Laguna Hills	4,266	5,367	15,170	14,306	3,102	4,036	313	350	41	29	40	24	42	124	608	1,094	23,582	25,330
Laguna Niguel	5,908	7,587	36,415	36,381	4,434	5,374	555	663	98	103	63	51	73	243	1,217	2,254	48,763	52,656
Laguna Woods	647	899	13,566	12,201	1,610	3,790	104	147	17	9	10	7	18	32	172	454	16,144	17,539
Lake Forest	12,645	15,692	35,071	34,034	7,906	13,379	917	1,075	148	124	145	125	109	313	1,208	2,802	58,149	67,544
Las Flores CDP	613	703	2,576	2,635	561	741	66	60	9	9	8	10	5	29	104	200	3,942	4,387
Los Alamitos	1,633	2,037	5,425	4,547	1,132	1,576	227	259	16	34	32	51	29	43	214	459	8,708	9,006
Midway City CDP	1,597	1,967	1,545	1,040	3,045	3,770	50	39	17	13	29	14	8	19	88	131	6,379	6,993
Mission Viejo	10,867	13,053	51,384	49,048	6,716	9,054	904	974	151	92	122	126	133	353	1,758	3,332	72,035	76,032
Newport Beach	4,600	6,271	58,814	55,340	5,038	6,107	486	541	128	96	80	72	115	311	1,181	2,639	70,442	71,377
North Tustin CDP	2,192	3,155	14,740	13,598	1,630	2,370	109	143	47	18	38	29	35	77	269	808	19,060	20,198
Orange	34,945	41,582	53,296	48,250	12,213	15,306	1,566	1,924	286	257	255	266	181	503	1,578	3,730	104,320	111,818
Placentia	12,277	13,969	18,606	16,142	5,817	7,903	641	794	102	88	47	49	55	158	543	1,153	38,088	40,256
Rancho Santa Margarita	5,707	7,267	23,468	22,481	3,284	4,621	622	637	66	53	64	81	61	158	702	1,724	33,974	37,022
Rossmore CDP	728	1,065	6,133	5,465	607	1,091	57	70	21	11	15	17	6	18	127	321	7,694	8,058
San Clemente	6,872	8,181	37,930	37,501	1,859	2,156	285	330	154	169	64	79	63	279	789	2,039	48,016	50,734
San Juan Capistrano	8,694	9,711	15,953	15,730	794	1,025	125	115	136	99	28	20	27	104	318	854	26,075	27,658
Santa Ana	165,704	170,982	26,576	23,778	27,206	31,944	2,682	2,392	384	380	615	498	226	601	1,457	2,598	224,850	233,173
Seal Beach	1,762	2,437	16,596	15,182	2,011	3,347	219	314	35	49	40	30	43	76	311	725	21,017	22,160
Stanton	12,387	13,269	7,262	5,338	6,756	9,296	527	558	92	44	156	158	49	135	391	537	27,620	29,335
Tustin	19,239	23,284	21,483	19,503	11,877	15,199	1,213	1,289	109	84	171	153	119	271	1,117	2,017	55,328	61,800
Villa Park	418	528	3,405	3,144	705	901	34	44	20	0	0	4	9	9	57	159	4,648	4,789
Westminster	14,055	16,083	19,614	15,606	33,006	38,745	569	725	112	123	248	335	84	194	1,093	1,714	68,781	73,525
Yorba Linda	6,161	8,663	32,984	30,121	7,555	11,874	615	659	88	82	57	50	108	267	874	1,921	48,442	53,637
Unincorporated	8,963	10,210	12,413	14,910	3,119	5,008	296	423	77	76	102	88	35	112	369	1,029	25,374	31,856
Total Orange County	669,206	784,070	1,093,451	1,021,930	420,153	569,720	34,748	40,828	5,055	4,475	6,336	6,181	3,750	10,861	40,874	81,593	2,273,573	2,519,658

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 4: Percent Share of Population 18 Years and Over by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	15.4%	17.4%	64.0%	57.7%	15.0%	16.8%	2.0%	2.1%	0.2%	0.1%	0.2%	0.3%	0.2%	0.6%	3.0%	5.2%	100.0%	100.0%
Anaheim	47.0%	49.7%	31.9%	25.4%	16.2%	19.0%	2.6%	2.6%	0.2%	0.2%	0.4%	0.4%	0.2%	0.4%	1.6%	2.4%	100.0%	100.0%
Brea	22.5%	25.5%	56.4%	42.1%	17.4%	26.8%	1.3%	1.7%	0.2%	0.2%	0.2%	0.1%	0.2%	0.4%	1.8%	3.2%	100.0%	100.0%
Buena Park	34.5%	36.9%	31.3%	21.6%	28.3%	35.0%	3.4%	3.0%	0.3%	0.2%	0.5%	0.5%	0.1%	0.3%	1.7%	2.5%	100.0%	100.0%
Costa Mesa	30.8%	32.9%	56.4%	51.7%	8.6%	9.3%	1.3%	1.3%	0.3%	0.2%	0.4%	0.4%	0.2%	0.5%	2.0%	3.8%	100.0%	100.0%
Coto de Caza CDP	7.4%	9.4%	83.4%	74.6%	6.1%	9.6%	1.0%	1.4%	0.2%	0.1%	0.2%	0.0%	0.2%	0.4%	1.6%	4.5%	100.0%	100.0%
Cypress	16.4%	19.9%	47.3%	35.6%	30.3%	36.7%	2.9%	3.0%	0.3%	0.2%	0.5%	0.6%	0.2%	0.4%	2.1%	3.7%	100.0%	100.0%
Dana Point	14.5%	16.7%	79.2%	73.4%	3.3%	4.3%	0.8%	0.8%	0.3%	0.2%	0.1%	0.1%	0.2%	0.5%	1.5%	4.0%	100.0%	100.0%
Fountain Valley	11.6%	14.0%	51.8%	41.4%	32.9%	39.4%	0.9%	1.0%	0.2%	0.1%	0.3%	0.2%	0.2%	0.4%	2.0%	3.5%	100.0%	100.0%
Fullerton	29.8%	34.5%	42.7%	32.5%	23.0%	26.9%	2.2%	2.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.5%	1.7%	3.0%	100.0%	100.0%
Garden Grove	32.6%	34.0%	25.7%	18.3%	38.5%	43.9%	1.1%	0.9%	0.2%	0.1%	0.6%	0.5%	0.1%	0.4%	1.3%	1.9%	100.0%	100.0%
Huntington Beach	14.6%	17.7%	70.1%	61.9%	11.4%	13.4%	0.9%	1.1%	0.3%	0.3%	0.3%	0.3%	0.2%	0.6%	2.2%	4.7%	100.0%	100.0%
Irvine	8.7%	11.6%	47.4%	36.6%	38.3%	44.4%	1.6%	2.2%	0.1%	0.1%	0.1%	0.1%	0.2%	0.5%	3.5%	4.5%	100.0%	100.0%
La Habra	51.2%	55.2%	35.2%	26.6%	10.3%	13.7%	1.4%	1.7%	0.3%	0.2%	0.2%	0.1%	0.1%	0.4%	1.3%	2.0%	100.0%	100.0%
La Palma	14.4%	17.0%	30.1%	23.2%	48.0%	51.0%	4.8%	4.9%	0.2%	0.1%	0.3%	0.5%	0.3%	0.3%	2.0%	3.1%	100.0%	100.0%
Ladera Ranch CDP	11.7%	12.8%	70.7%	66.0%	13.4%	14.5%	1.5%	1.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.5%	2.2%	4.7%	100.0%	100.0%
Laguna Beach	6.5%	8.6%	87.1%	81.4%	3.7%	4.3%	0.7%	0.8%	0.2%	0.1%	0.1%	0.1%	0.2%	0.5%	1.6%	4.2%	100.0%	100.0%
Laguna Hills	18.1%	21.2%	64.3%	56.5%	13.2%	15.9%	1.3%	1.4%	0.2%	0.1%	0.2%	0.1%	0.2%	0.5%	2.6%	4.3%	100.0%	100.0%
Laguna Niguel	12.1%	14.4%	74.7%	69.1%	9.1%	10.2%	1.1%	1.3%	0.2%	0.2%	0.1%	0.1%	0.1%	0.5%	2.5%	4.3%	100.0%	100.0%
Laguna Woods	4.0%	5.1%	84.0%	69.6%	10.0%	21.6%	0.6%	0.8%	0.1%	0.1%	0.1%	0.0%	0.1%	0.2%	1.1%	2.6%	100.0%	100.0%
Lake Forest	21.7%	23.2%	60.3%	50.4%	13.6%	19.8%	1.6%	1.6%	0.3%	0.2%	0.2%	0.2%	0.2%	0.5%	2.1%	4.1%	100.0%	100.0%
Las Flores CDP	15.6%	16.0%	65.3%	60.1%	14.2%	16.9%	1.7%	1.4%	0.2%	0.2%	0.2%	0.2%	0.1%	0.7%	2.6%	4.6%	100.0%	100.0%
Los Alamitos	18.8%	22.6%	62.3%	50.5%	13.0%	17.5%	2.6%	2.9%	0.2%	0.4%	0.4%	0.6%	0.3%	0.5%	2.5%	5.1%	100.0%	100.0%
Midway City CDP	25.0%	28.1%	24.2%	14.9%	47.7%	53.9%	0.8%	0.6%	0.3%	0.2%	0.5%	0.2%	0.1%	0.3%	1.4%	1.9%	100.0%	100.0%
Mission Viejo	15.1%	17.2%	71.3%	64.5%	9.3%	11.9%	1.3%	1.3%	0.2%	0.1%	0.2%	0.2%	0.2%	0.5%	2.4%	4.4%	100.0%	100.0%
Newport Beach	6.5%	8.8%	83.5%	77.5%	7.2%	8.6%	0.7%	0.8%	0.2%	0.1%	0.1%	0.1%	0.2%	0.4%	1.7%	3.7%	100.0%	100.0%
North Tustin CDP	11.5%	15.6%	77.3%	67.3%	8.6%	11.7%	0.6%	0.7%	0.2%	0.1%	0.2%	0.1%	0.2%	0.4%	1.4%	4.0%	100.0%	100.0%
Orange	33.5%	37.2%	51.1%	43.2%	11.7%	13.7%	1.5%	1.7%	0.3%	0.2%	0.2%	0.2%	0.2%	0.4%	1.5%	3.3%	100.0%	100.0%
Placentia	32.2%	34.7%	48.9%	40.1%	15.3%	19.6%	1.7%	2.0%	0.3%	0.2%	0.1%	0.1%	0.1%	0.4%	1.4%	2.9%	100.0%	100.0%
Rancho Santa Margarita	16.8%	19.6%	69.1%	60.7%	9.7%	12.5%	1.8%	1.7%	0.2%	0.1%	0.2%	0.2%	0.2%	0.4%	2.1%	4.7%	100.0%	100.0%
Rossmoor CDP	9.5%	13.2%	79.7%	67.8%	7.9%	13.5%	0.7%	0.9%	0.3%	0.1%	0.2%	0.2%	0.1%	0.2%	1.7%	4.0%	100.0%	100.0%
San Clemente	14.3%	16.1%	79.0%	73.9%	3.9%	4.2%	0.6%	0.7%	0.3%	0.3%	0.1%	0.2%	0.1%	0.5%	1.6%	4.0%	100.0%	100.0%
San Juan Capistrano	33.3%	35.1%	61.2%	56.9%	3.0%	3.7%	0.5%	0.4%	0.5%	0.4%	0.1%	0.1%	0.1%	0.4%	1.2%	3.1%	100.0%	100.0%
Santa Ana	73.7%	73.3%	11.8%	10.2%	12.1%	13.7%	1.2%	1.0%	0.2%	0.2%	0.3%	0.2%	0.1%	0.3%	0.6%	1.1%	100.0%	100.0%
Seal Beach	8.4%	11.0%	79.0%	68.5%	9.6%	15.1%	1.0%	1.4%	0.2%	0.2%	0.2%	0.1%	0.2%	0.3%	1.5%	3.3%	100.0%	100.0%
Stanton	44.8%	45.2%	26.3%	18.2%	24.5%	31.7%	1.9%	1.9%	0.3%	0.1%	0.6%	0.5%	0.2%	0.5%	1.4%	1.8%	100.0%	100.0%
Tustin	34.8%	37.7%	38.8%	31.6%	21.5%	24.6%	2.2%	2.1%	0.2%	0.1%	0.3%	0.2%	0.2%	0.4%	2.0%	3.3%	100.0%	100.0%
Villa Park	9.0%	11.0%	73.3%	65.7%	15.2%	18.8%	0.7%	0.9%	0.4%	0.0%	0.0%	0.1%	0.2%	0.2%	1.2%	3.3%	100.0%	100.0%
Westminster	20.4%	21.9%	28.5%	21.2%	48.0%	52.7%	0.8%	1.0%	0.2%	0.2%	0.4%	0.5%	0.1%	0.3%	1.6%	2.3%	100.0%	100.0%
Yorba Linda	12.7%	16.2%	68.1%	56.2%	15.6%	22.1%	1.3%	1.2%	0.2%	0.2%	0.1%	0.1%	0.2%	0.5%	1.8%	3.6%	100.0%	100.0%
Unincorporated	35.3%	32.1%	48.9%	46.8%	12.3%	15.7%	1.2%	1.3%	0.3%	0.2%	0.4%	0.3%	0.1%	0.4%	1.5%	3.2%	100.0%	100.0%
Total Orange County	29.4%	31.1%	48.1%	40.6%	18.5%	22.6%	1.5%	1.6%	0.2%	0.2%	0.3%	0.2%	0.2%	0.4%	1.8%	3.2%	100.0%	100.0%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 5: Orange County Population 0 to 17 Years by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	2,694	2,759	6,862	5,649	1,577	1,695	195	116	16	9	11	50	54	99	986	1,221	12,395	11,598
Anaheim	62,671	53,274	14,411	10,038	9,732	9,649	1,887	1,561	160	107	429	249	206	446	2,421	3,076	91,917	78,400
Brea	3,020	3,468	3,641	2,564	1,801	3,091	106	149	18	13	16	9	23	67	432	651	9,057	10,012
Buena Park	10,907	9,974	3,483	2,116	4,213	4,420	781	544	33	11	105	76	54	121	785	824	20,361	18,086
Costa Mesa	12,860	11,066	8,295	7,466	1,057	1,047	224	172	33	31	122	84	75	132	1,016	1,535	23,682	21,533
Coto de Caza CDP	411	445	3,609	2,191	230	256	30	23	4	7	4	6	8	22	249	320	4,545	3,270
Cypress	2,786	2,857	3,606	2,321	3,808	4,294	323	338	21	19	39	33	26	41	734	831	11,343	10,734
Dana Point	1,687	1,604	3,762	2,879	127	93	38	36	15	9	4	4	16	34	310	417	5,959	5,076
Fountain Valley	2,172	2,352	4,598	3,003	3,947	4,219	85	65	34	9	31	24	37	63	739	878	11,643	10,613
Fullerton	15,588	14,788	7,450	5,078	6,651	7,174	536	501	40	39	50	39	73	154	1,170	1,639	31,558	29,412
Garden Grove	21,664	17,811	5,873	3,315	14,226	12,845	383	310	42	40	305	147	74	163	1,196	1,338	43,763	35,969
Huntington Beach	10,315	10,525	21,830	16,488	3,640	3,994	296	300	82	35	117	96	119	249	2,729	3,841	39,128	35,528
Irvine	5,137	7,577	16,731	17,185	18,871	31,776	775	1,227	41	100	51	79	198	477	3,871	6,112	45,675	64,533
La Habra	11,826	10,420	2,646	1,950	961	1,084	197	195	24	22	11	16	25	52	372	443	16,062	14,182
La Palma	740	795	669	390	1,605	1,391	195	148	6	3	5	20	7	15	196	174	3,423	2,936
Ladera Ranch CDP	1,289	1,432	5,923	5,819	832	918	103	59	6	10	6	6	14	35	639	893	8,812	9,172
Laguna Beach	407	450	2,850	2,265	100	114	25	26	4	4	2	4	20	28	240	399	3,648	3,290
Laguna Hills	1,976	2,122	3,555	2,543	688	679	60	70	12	3	5	17	23	49	443	561	6,762	6,044
Laguna Niguel	2,853	2,923	9,267	6,443	956	932	138	103	17	12	16	16	45	101	924	1,169	14,216	11,699
Laguna Woods	3	40	34	5	3	6	1	11	0	0	0	3	0	3	7	37	48	105
Lake Forest	6,379	6,253	9,106	6,472	2,079	3,271	241	237	47	29	27	19	57	137	1,179	1,896	19,115	18,314
Las Flores CDP	371	358	1,281	864	205	207	23	20	5	0	4	0	12	9	128	150	2,029	1,608
Los Alamitos	785	989	1,296	902	315	484	73	88	6	0	15	18	17	25	234	268	2,741	2,774
Midway City CDP	870	836	231	108	915	827	12	6	7	0	9	2	2	5	60	48	2,106	1,832
Mission Viejo	5,010	4,933	12,892	8,742	1,596	1,768	225	160	25	25	24	26	68	101	1,430	1,866	21,270	17,621
Newport Beach	1,574	1,919	11,328	9,012	887	1,336	85	85	24	4	15	9	50	106	781	1,391	14,744	13,862
North Tustin CDP	1,068	1,325	4,044	2,880	345	586	29	20	11	9	9	9	20	32	331	659	5,857	5,520
Orange	17,069	15,993	10,509	7,080	2,903	2,752	329	297	71	32	66	62	63	163	1,086	1,714	32,096	28,093
Placentia	6,139	5,722	3,984	2,851	1,640	2,037	177	152	21	17	11	20	19	61	454	708	12,445	11,568
Rancho Santa Margarita	3,195	3,030	8,586	5,449	984	1,090	166	124	16	20	24	11	30	67	878	1,136	13,879	10,927
Rossmoor CDP	446	563	1,712	1,158	205	435	19	31	8	1	6	7	1	12	153	360	2,550	2,567
San Clemente	3,830	3,498	10,324	8,388	410	357	64	52	39	11	14	9	26	74	799	1,170	15,506	13,559
San Juan Capistrano	4,694	3,993	3,359	2,861	158	169	21	24	20	7	2	2	16	43	248	439	8,518	7,538
Santa Ana	88,224	67,040	3,374	2,660	6,412	5,496	495	353	123	105	211	137	149	320	690	943	99,678	77,054
Seal Beach	569	716	1,984	1,632	262	277	36	56	3	4	12	16	19	15	266	366	3,151	3,082
Stanton	7,030	5,538	1,078	630	1,952	1,954	176	108	15	14	46	50	26	63	243	270	10,566	8,627
Tustin	10,785	9,428	4,834	3,398	3,270	3,844	322	330	33	11	73	40	66	147	829	1,278	20,212	18,476
Villa Park	180	196	772	497	143	215	8	3	6	2	1	1	2	4	52	136	1,164	1,054
Westminster	7,121	6,262	3,358	2,356	9,408	7,768	131	128	20	23	76	80	29	56	777	713	20,920	17,386
Yorba Linda	3,059	3,606	9,199	5,901	2,402	3,696	174	127	32	18	21	13	44	107	861	1,231	15,792	14,699
Unincorporated	4,363	3,884	2,702	3,176	808	1,158	68	121	21	8	26	24	30	59	305	548	8,323	8,978
Total Orange County	343,767	302,764	235,048	176,725	112,324	129,404	9,252	8,476	1,161	823	2,021	1,533	1,843	3,957	31,243	43,649	736,659	667,331

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 6: Percent Share of Population 0 to 17 Years by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	21.7%	23.8%	55.4%	48.7%	12.7%	14.6%	1.6%	1.0%	0.1%	0.1%	0.1%	0.4%	0.4%	0.9%	8.0%	10.5%	100.0%	100.0%
Anaheim	68.2%	68.0%	15.7%	12.8%	10.6%	12.3%	2.1%	2.0%	0.2%	0.1%	0.5%	0.3%	0.2%	0.6%	2.6%	3.9%	100.0%	100.0%
Brea	33.3%	34.6%	40.2%	25.6%	19.9%	30.9%	1.2%	1.5%	0.2%	0.1%	0.2%	0.1%	0.3%	0.7%	4.8%	6.5%	100.0%	100.0%
Buena Park	53.6%	55.1%	17.1%	11.7%	20.7%	24.4%	3.8%	3.0%	0.2%	0.1%	0.5%	0.4%	0.3%	0.7%	3.9%	4.6%	100.0%	100.0%
Costa Mesa	54.3%	51.4%	35.0%	34.7%	4.5%	4.9%	0.9%	0.8%	0.1%	0.1%	0.5%	0.4%	0.3%	0.6%	4.3%	7.1%	100.0%	100.0%
Coto de Caza CDP	9.0%	13.6%	79.4%	67.0%	5.1%	7.8%	0.7%	0.7%	0.1%	0.2%	0.1%	0.2%	0.2%	0.7%	5.5%	9.8%	100.0%	100.0%
Cypress	24.6%	26.6%	31.8%	21.6%	33.6%	40.0%	2.8%	3.1%	0.2%	0.2%	0.3%	0.3%	0.2%	0.4%	6.5%	7.7%	100.0%	100.0%
Dana Point	28.3%	31.6%	63.1%	56.7%	2.1%	1.8%	0.6%	0.7%	0.3%	0.2%	0.1%	0.1%	0.3%	0.7%	5.2%	8.2%	100.0%	100.0%
Fountain Valley	18.7%	22.2%	39.5%	28.3%	33.9%	39.8%	0.7%	0.6%	0.3%	0.1%	0.3%	0.2%	0.3%	0.6%	6.3%	8.3%	100.0%	100.0%
Fullerton	49.4%	50.3%	23.6%	17.3%	21.1%	24.4%	1.7%	1.7%	0.1%	0.1%	0.2%	0.1%	0.2%	0.5%	3.7%	5.6%	100.0%	100.0%
Garden Grove	49.5%	49.5%	13.4%	9.2%	32.5%	35.7%	0.9%	0.9%	0.1%	0.1%	0.7%	0.4%	0.2%	0.5%	2.7%	3.7%	100.0%	100.0%
Huntington Beach	26.4%	29.6%	55.8%	46.4%	9.3%	11.2%	0.8%	0.8%	0.2%	0.1%	0.3%	0.3%	0.3%	0.7%	7.0%	10.8%	100.0%	100.0%
Irvine	11.2%	11.7%	36.6%	26.6%	41.3%	49.2%	1.7%	1.9%	0.1%	0.2%	0.1%	0.1%	0.4%	0.7%	8.5%	9.5%	100.0%	100.0%
La Habra	73.6%	73.5%	16.5%	13.7%	6.0%	7.6%	1.2%	1.4%	0.1%	0.2%	0.1%	0.1%	0.2%	0.4%	2.3%	3.1%	100.0%	100.0%
La Palma	21.6%	27.1%	19.5%	13.3%	46.9%	47.4%	5.7%	5.0%	0.2%	0.1%	0.1%	0.7%	0.2%	0.5%	5.7%	5.9%	100.0%	100.0%
Ladera Ranch CDP	14.6%	15.6%	67.2%	63.4%	9.4%	10.0%	1.2%	0.6%	0.1%	0.1%	0.1%	0.1%	0.2%	0.4%	7.3%	9.7%	100.0%	100.0%
Laguna Beach	11.2%	13.7%	78.1%	68.8%	2.7%	3.5%	0.7%	0.8%	0.1%	0.1%	0.1%	0.1%	0.5%	0.9%	6.6%	12.1%	100.0%	100.0%
Laguna Hills	29.2%	35.1%	52.6%	42.1%	10.2%	11.2%	0.9%	1.2%	0.2%	0.0%	0.1%	0.3%	0.3%	0.8%	6.6%	9.3%	100.0%	100.0%
Laguna Niguel	20.1%	25.0%	65.2%	55.1%	6.7%	8.0%	1.0%	0.9%	0.1%	0.1%	0.1%	0.1%	0.3%	0.9%	6.5%	10.0%	100.0%	100.0%
Laguna Woods	6.3%	38.1%	70.8%	4.8%	6.3%	5.7%	2.1%	10.5%	0.0%	0.0%	0.0%	2.9%	0.0%	2.9%	14.6%	35.2%	100.0%	100.0%
Lake Forest	33.4%	34.1%	47.6%	35.3%	10.9%	17.9%	1.3%	1.3%	0.2%	0.2%	0.1%	0.1%	0.3%	0.7%	6.2%	10.4%	100.0%	100.0%
Las Flores CDP	18.3%	22.3%	63.1%	53.7%	10.1%	12.9%	1.1%	1.2%	0.2%	0.0%	0.2%	0.0%	0.6%	0.6%	6.3%	9.3%	100.0%	100.0%
Los Alamitos	28.6%	35.7%	47.3%	32.5%	11.5%	17.4%	2.7%	3.2%	0.2%	0.0%	0.5%	0.6%	0.6%	0.9%	8.5%	9.7%	100.0%	100.0%
Midway City CDP	41.3%	45.6%	11.0%	5.9%	43.4%	45.1%	0.6%	0.3%	0.3%	0.0%	0.4%	0.1%	0.1%	0.3%	2.8%	2.6%	100.0%	100.0%
Mission Viejo	23.6%	28.0%	60.6%	49.6%	7.5%	10.0%	1.1%	0.9%	0.1%	0.1%	0.1%	0.1%	0.3%	0.6%	6.7%	10.6%	100.0%	100.0%
Newport Beach	10.7%	13.8%	76.8%	65.0%	6.0%	9.6%	0.6%	0.6%	0.2%	0.0%	0.1%	0.1%	0.3%	0.8%	5.3%	10.0%	100.0%	100.0%
North Tustin CDP	18.2%	24.0%	69.0%	52.2%	5.9%	10.6%	0.5%	0.4%	0.2%	0.2%	0.2%	0.2%	0.3%	0.6%	5.7%	11.9%	100.0%	100.0%
Orange	53.2%	56.9%	32.7%	25.2%	9.0%	9.8%	1.0%	1.1%	0.2%	0.1%	0.2%	0.2%	0.2%	0.6%	3.4%	6.1%	100.0%	100.0%
Placentia	49.3%	49.5%	32.0%	24.6%	13.2%	17.6%	1.4%	1.3%	0.2%	0.1%	0.1%	0.2%	0.2%	0.5%	3.6%	6.1%	100.0%	100.0%
Rancho Santa Margarita	23.0%	27.7%	61.9%	49.9%	7.1%	10.0%	1.2%	1.1%	0.1%	0.2%	0.2%	0.1%	0.2%	0.6%	6.3%	10.4%	100.0%	100.0%
Rossmoor CDP	17.5%	21.9%	67.1%	45.1%	8.0%	16.9%	0.7%	1.2%	0.3%	0.0%	0.2%	0.3%	0.0%	0.5%	6.0%	14.0%	100.0%	100.0%
San Clemente	24.7%	25.8%	66.6%	61.9%	2.6%	2.6%	0.4%	0.4%	0.3%	0.1%	0.1%	0.1%	0.2%	0.5%	5.2%	8.6%	100.0%	100.0%
San Juan Capistrano	55.1%	53.0%	39.4%	38.0%	1.9%	2.2%	0.2%	0.3%	0.2%	0.1%	0.0%	0.0%	0.2%	0.6%	2.9%	5.8%	100.0%	100.0%
Santa Ana	88.5%	87.0%	3.4%	3.5%	6.4%	7.1%	0.5%	0.5%	0.1%	0.1%	0.2%	0.2%	0.1%	0.4%	0.7%	1.2%	100.0%	100.0%
Seal Beach	18.1%	23.2%	63.0%	53.0%	8.3%	9.0%	1.1%	1.8%	0.1%	0.1%	0.4%	0.5%	0.6%	0.5%	8.4%	11.9%	100.0%	100.0%
Stanton	66.5%	64.2%	10.2%	7.3%	18.5%	22.6%	1.7%	1.3%	0.1%	0.2%	0.4%	0.6%	0.2%	0.7%	2.3%	3.1%	100.0%	100.0%
Tustin	53.4%	51.0%	23.9%	18.4%	16.2%	20.8%	1.6%	1.8%	0.2%	0.1%	0.4%	0.2%	0.3%	0.8%	4.1%	6.9%	100.0%	100.0%
Villa Park	15.5%	18.6%	66.3%	47.2%	12.3%	20.4%	0.7%	0.3%	0.5%	0.2%	0.1%	0.1%	0.2%	0.4%	4.5%	12.9%	100.0%	100.0%
Westminster	34.0%	36.0%	16.1%	13.6%	45.0%	44.7%	0.6%	0.7%	0.1%	0.1%	0.4%	0.5%	0.1%	0.3%	3.7%	4.1%	100.0%	100.0%
Yorba Linda	19.4%	24.5%	58.3%	40.1%	15.2%	25.1%	1.1%	0.9%	0.2%	0.1%	0.1%	0.1%	0.3%	0.7%	5.5%	8.4%	100.0%	100.0%
Unincorporated	52.4%	43.3%	32.5%	35.4%	9.7%	12.9%	0.8%	1.3%	0.3%	0.1%	0.3%	0.3%	0.4%	0.7%	3.7%	6.1%	100.0%	100.0%
Total Orange County	46.7%	45.4%	31.9%	26.5%	15.2%	19.4%	1.3%	1.3%	0.2%	0.1%	0.3%	0.2%	0.3%	0.6%	4.2%	6.5%	100.0%	100.0%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 7: Orange County Group Quarters Population by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Institutional										Noninstitutional						Group Quarters					
	Institutional Total		Adult Correctional				Juvenile		Nursing		Other		Noninstitutional Total		College		Military		Other		Group Quarters Total	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	19	0	0	0	0	0	19	0	0	0	450	836	446	428	0	0	4	408	469	836		
Anaheim	1,537	1,336	63	70	76	33	1,376	1,183	22	50	2,020	3,448	245	926	0	0	1,775	2,522	3,557	4,784		
Brea	0	111	0	0	0	0	0	111	0	0	69	161	0	0	0	0	69	161	69	272		
Buena Park	261	199	0	0	19	12	242	187	0	0	553	449	0	5	0	0	553	444	814	648		
Costa Mesa	738	462	0	0	65	50	581	124	92	288	2,232	1,472	791	65	0	0	1,441	1,407	2,970	1,934		
Coto de Caza CDP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cypress	0	0	0	0	0	0	0	0	0	0	502	302	0	0	0	0	502	302	502	302		
Dana Point	81	54	4	0	0	0	77	54	0	0	160	155	0	0	0	0	160	155	241	209		
Fountain Valley	180	150	0	0	12	38	160	100	8	12	257	210	0	0	0	0	257	210	437	360		
Fullerton	759	620	0	0	130	85	629	531	0	4	2,318	2,998	1,231	1,939	0	0	1,087	1,059	3,077	3,618		
Garden Grove	707	545	67	22	0	0	624	489	16	34	1,234	1,438	0	0	0	0	1,234	1,438	1,941	1,983		
Huntington Beach	403	345	0	0	12	36	391	309	0	0	487	923	0	0	0	0	487	923	890	1,268		
Irvine	588	29	526	0	7	0	55	29	0	0	5,968	16,825	5,705	16,644	0	0	263	181	6,556	16,854		
La Habra	171	170	0	0	0	0	167	170	4	0	169	528	0	0	0	0	169	528	340	698		
La Palma	6	0	0	0	6	0	0	0	0	0	14	26	0	0	0	0	14	26	20	26		
Ladera Ranch CDP	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11	0	11		
Laguna Beach	0	0	0	0	0	0	0	0	0	0	89	132	0	0	0	0	89	132	89	132		
Laguna Hills	136	234	0	0	0	0	136	234	0	0	233	143	0	0	0	0	233	143	369	377		
Laguna Niguel	0	40	0	0	0	0	0	40	0	0	248	246	0	0	0	0	248	246	248	286		
Laguna Woods	0	42	0	0	0	0	0	42	0	0	167	26	0	0	0	0	167	26	167	68		
Lake Forest	216	132	0	0	0	0	216	132	0	0	299	287	0	0	0	0	299	287	515	419		
Las Flores CDP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Los Alamitos	203	127	0	0	0	0	203	127	0	0	40	12	0	0	0	0	40	12	243	139		
Midway City CDP	0	98	0	0	0	0	0	98	0	0	103	38	0	0	0	0	103	38	103	136		
Mission Viejo	83	107	0	0	17	0	66	107	0	0	859	896	0	0	0	0	859	896	942	1,003		
Newport Beach	251	306	0	0	0	0	221	306	30	0	151	236	0	0	0	0	151	236	402	542		
North Tustin CDP	30	40	0	0	22	31	8	9	0	0	161	72	0	0	0	0	161	72	191	112		
Orange	3,666	3,156	2,641	2,475	653	181	299	483	73	17	2,587	3,642	1,719	2,912	0	0	868	730	6,253	6,798		
Placentia	84	112	0	0	11	62	73	50	0	0	253	274	0	0	0	0	253	274	337	386		
Rancho Santa Margarita	0	0	0	0	0	0	0	0	0	0	2	29	0	0	0	0	2	29	2	29		
Rossmoor CDP	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20	0	20		
San Clemente	28	0	23	0	5	0	0	0	0	0	245	460	0	0	0	0	245	460	273	460		
San Juan Capistrano	0	158	0	0	0	0	0	146	0	12	87	159	0	0	0	0	87	159	87	317		
Santa Ana	3,243	3,806	2,210	3,167	138	2	895	631	0	6	1,415	1,561	12	0	0	0	1,403	1,561	4,658	5,367		
Seal Beach	203	174	13	22	0	0	183	152	7	0	22	87	0	0	14	83	8	4	225	261		
Stanton	258	365	0	0	0	0	240	320	18	45	92	301	0	0	0	0	92	301	350	666		
Tustin	180	107	0	0	0	0	150	107	30	0	340	346	0	0	0	0	340	346	520	453		
Villa Park	5	0	0	0	5	0	0	0	0	0	40	29	0	0	0	0	40	29	45	29		
Westminster	289	361	0	0	0	0	197	282	92	79	381	288	0	0	0	0	381	288	670	649		
Yorba Linda	93	334	0	0	0	0	93	334	0	0	97	139	0	0	0	0	97	139	190	473		
Unincorporated	113	111	0	10	88	63	25	5	0	33	361	395	3	0	0	0	358	395	474	506		
Total Orange County	14,531	13,831	5,547	5,766	1,266	593	7,326	6,892	392	580	24,705	39,600	10,152	22,919	14	83	14,539	16,598	39,236	53,431		

Institutional Group Quarters - Facilities that house people under formally authorized, supervised care or custody in institutions at the time of enumeration. Such people are referred to as patients or inmates.

Adult Correctional - correctional facilities for adults that includes federal detention centers, federal and state prisons, local jails and other municipal confinement facilities, correctional residential facilities, and military disciplinary barracks and jails.

Juvenile - Includes group homes for juveniles (non-correctional), residential treatment center for juveniles (non-correctional), and correctional facilities intended for juveniles.

Nursing - Facilities licensed to provide medical care with seven day, twenty-four hour coverage for people requiring long-term non-acute care. People in these facilities require nursing care, regardless of age.

Other Institutional - Facilities in an institutionalized setting that do not fit into one of the before mentioned categories. They include hospitals with patients who have no usual home elsewhere, hospice, mental hospitals and psychiatric units, and military treatment facilities.

Noninstitutional Group Quarters - Facilities that house people who live in group quarters other than institutions such as college dormitories, military quarters, and group homes.

College - residence halls and dormitories, which house college and university students in a group living arrangement. Fraternity and sorority housing recognized by the college or university are included.

Military - These facilities include military personnel living in barracks, dormitories and military ships.

Other Noninstitutional - Facilities in a noninstitutionalized setting that do not fit into one of the before mentioned categories. They include emergency and transitional shelters, group homes for adults, residential treatment centers, religious and worker group quarters.

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 8: Percent Share of Total Group Quarters Population by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Institutional										Noninstitutional						Group Quarters					
	Institutional Total		Adult Correctional				Juvenile		Nursing		Other		Noninstitutional Total		College		Military		Other		Group Quarters Total	
	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020	2010	2020
Aliso Viejo	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%	0.0%	0.0%	0.0%	95.9%	100.0%	95.1%	51.2%	0.0%	0.0%	0.9%	48.8%	100.0%	100.0%		
Anaheim	43.2%	27.9%	1.8%	1.5%	2.1%	0.7%	38.7%	24.7%	0.6%	1.0%	56.8%	72.1%	6.9%	19.4%	0.0%	0.0%	49.9%	52.7%	100.0%	100.0%		
Brea	0.0%	40.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	59.2%	0.0%	0.0%	0.0%	0.0%	100.0%	59.2%	100.0%	100.0%		
Buena Park	32.1%	30.7%	0.0%	0.0%	2.3%	1.9%	29.7%	28.9%	0.0%	0.0%	67.9%	69.3%	0.0%	0.8%	0.0%	0.0%	67.9%	68.5%	100.0%	100.0%		
Costa Mesa	24.8%	23.9%	0.0%	0.0%	2.2%	2.6%	19.6%	6.4%	3.1%	14.9%	75.2%	76.1%	26.6%	3.4%	0.0%	0.0%	48.5%	72.8%	100.0%	100.0%		
Coto de Caza CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%		
Cypress	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%		
Dana Point	33.6%	25.8%	1.7%	0.0%	0.0%	0.0%	32.0%	25.8%	0.0%	0.0%	66.4%	74.2%	0.0%	0.0%	0.0%	0.0%	66.4%	74.2%	100.0%	100.0%		
Fountain Valley	41.2%	41.7%	0.0%	0.0%	2.7%	10.6%	36.6%	27.8%	1.8%	3.3%	58.8%	58.3%	0.0%	0.0%	0.0%	0.0%	58.8%	58.3%	100.0%	100.0%		
Fullerton	24.7%	17.1%	0.0%	0.0%	4.2%	2.3%	20.4%	14.7%	0.0%	0.1%	75.3%	82.9%	40.0%	53.6%	0.0%	0.0%	35.3%	29.3%	100.0%	100.0%		
Garden Grove	36.4%	27.5%	3.5%	1.1%	0.0%	0.0%	32.1%	24.7%	0.8%	1.7%	63.6%	72.5%	0.0%	0.0%	0.0%	0.0%	63.6%	72.5%	100.0%	100.0%		
Huntington Beach	45.3%	27.2%	0.0%	0.0%	1.3%	2.8%	43.9%	24.4%	0.0%	0.0%	54.7%	72.8%	0.0%	0.0%	0.0%	0.0%	54.7%	72.8%	100.0%	100.0%		
Irvine	9.0%	0.2%	8.0%	0.0%	0.1%	0.0%	0.8%	0.2%	0.0%	0.0%	91.0%	99.8%	87.0%	98.8%	0.0%	0.0%	4.0%	1.1%	100.0%	100.0%		
La Habra	50.3%	24.4%	0.0%	0.0%	0.0%	0.0%	49.1%	24.4%	1.2%	0.0%	49.7%	75.6%	0.0%	0.0%	0.0%	0.0%	49.7%	75.6%	100.0%	100.0%		
La Palma	30.0%	0.0%	0.0%	0.0%	30.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70.0%	100.0%	0.0%	0.0%	0.0%	0.0%	70.0%	100.0%	100.0%	100.0%		
Ladera Ranch CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	
Laguna Beach	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%		
Laguna Hills	36.9%	62.1%	0.0%	0.0%	0.0%	0.0%	36.9%	62.1%	0.0%	0.0%	63.1%	37.9%	0.0%	0.0%	0.0%	0.0%	63.1%	37.9%	100.0%	100.0%		
Laguna Niguel	0.0%	14.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.0%	0.0%	0.0%	100.0%	86.0%	0.0%	0.0%	0.0%	0.0%	100.0%	86.0%	100.0%	100.0%		
Laguna Woods	0.0%	61.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	38.2%	0.0%	0.0%	0.0%	0.0%	100.0%	38.2%	100.0%	100.0%		
Lake Forest	41.9%	31.5%	0.0%	0.0%	0.0%	0.0%	41.9%	31.5%	0.0%	0.0%	58.1%	68.5%	0.0%	0.0%	0.0%	0.0%	58.1%	68.5%	100.0%	100.0%		
Las Flores CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%		
Los Alamitos	83.5%	91.4%	0.0%	0.0%	0.0%	0.0%	83.5%	91.4%	0.0%	0.0%	16.5%	8.6%	0.0%	0.0%	0.0%	0.0%	16.5%	8.6%	100.0%	100.0%		
Midway City CDP	0.0%	72.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	27.9%	0.0%	0.0%	0.0%	0.0%	100.0%	27.9%	100.0%	100.0%		
Mission Viejo	8.8%	10.7%	0.0%	0.0%	1.8%	0.0%	7.0%	10.7%	0.0%	0.0%	91.2%	89.3%	0.0%	0.0%	0.0%	0.0%	91.2%	89.3%	100.0%	100.0%		
Newport Beach	62.4%	56.5%	0.0%	0.0%	0.0%	0.0%	55.0%	56.5%	7.5%	0.0%	37.6%	43.5%	0.0%	0.0%	0.0%	0.0%	37.6%	43.5%	100.0%	100.0%		
North Tustin CDP	15.7%	35.7%	0.0%	0.0%	11.5%	27.7%	4.2%	8.0%	0.0%	0.0%	84.3%	64.3%	0.0%	0.0%	0.0%	0.0%	84.3%	64.3%	100.0%	100.0%		
Orange	58.6%	46.4%	42.2%	36.4%	10.4%	2.7%	4.8%	7.1%	1.2%	0.3%	41.4%	53.6%	27.5%	42.8%	0.0%	0.0%	13.9%	10.7%	100.0%	100.0%		
Placentia	24.9%	29.0%	0.0%	0.0%	3.3%	16.1%	21.7%	13.0%	0.0%	0.0%	75.1%	71.0%	0.0%	0.0%	0.0%	0.0%	75.1%	71.0%	100.0%	100.0%		
Rancho Santa Margarita	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%		
Rossmoor CDP	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	
San Clemente	10.3%	0.0%	8.4%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	89.7%	100.0%	0.0%	0.0%	0.0%	0.0%	89.7%	100.0%	100.0%	100.0%		
San Juan Capistrano	0.0%	49.8%	0.0%	0.0%	0.0%	0.0%	0.0%	46.1%	0.0%	3.8%	100.0%	50.2%	0.0%	0.0%	0.0%	0.0%	100.0%	50.2%	100.0%	100.0%		
Santa Ana	69.6%	70.9%	47.4%	59.0%	3.0%	0.0%	19.2%	11.8%	0.0%	0.1%	30.4%	29.1%	0.3%	0.0%	0.0%	0.0%	30.1%	29.1%	100.0%	100.0%		
Seal Beach	90.2%	66.7%	5.8%	8.4%	0.0%	0.0%	81.3%	58.2%	3.1%	0.0%	9.8%	33.3%	0.0%	0.0%	6.2%	31.8%	3.6%	1.5%	100.0%	100.0%		
Stanton	73.7%	54.8%	0.0%	0.0%	0.0%	0.0%	68.6%	48.0%	5.1%	6.8%	26.3%	45.2%	0.0%	0.0%	0.0%	0.0%	26.3%	45.2%	100.0%	100.0%		
Tustin	34.6%	23.6%	0.0%	0.0%	0.0%	0.0%	28.8%	23.6%	5.8%	0.0%	65.4%	76.4%	0.0%	0.0%	0.0%	0.0%	65.4%	76.4%	100.0%	100.0%		
Villa Park	11.1%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	88.9%	100.0%	0.0%	0.0%	0.0%	0.0%	88.9%	100.0%	100.0%	100.0%		
Westminster	43.1%	55.6%	0.0%	0.0%	0.0%	0.0%	29.4%	43.5%	13.7%	12.2%	56.9%	44.4%	0.0%	0.0%	0.0%	0.0%	56.9%	44.4%	100.0%	100.0%		
Yorba Linda	48.9%	70.6%	0.0%	0.0%	0.0%	0.0%	48.9%	70.6%	0.0%	0.0%	51.1%	29.4%	0.0%	0.0%	0.0%	0.0%	51.1%	29.4%	100.0%	100.0%		
Unincorporated	23.8%	21.9%	0.0%	2.0%	18.6%	12.5%	5.3%	1.0%	0.0%	6.5%	76.2%	78.1%	0.6%	0.0%	0.0%	0.0%	75.5%	78.1%	100.0%	100.0%		
Total Orange County	37.0%	25.9%	14.1%	10.8%	3.2%	1.1%	18.7%	12.9%	1.0%	1.1%	63.0%	74.1%	25.9%	42.9%	0.0%	0.2%	37.1%	31.1%	100.0%	100.0%		

Institutional Group Quarters - Facilities that house people under formally authorized, supervised care or custody in institutions at the time of enumeration. Such people are referred to as patients or inmates.

Adult Correctional - correctional facilities for adults that includes federal detention centers, federal and state prisons, local jails and other municipal confinement facilities, correctional residential facilities, and military disciplinary barracks and jails.

Juvenile - Includes group homes for juveniles (non-correctional), residential treatment center for juveniles (non-correctional), and correctional facilities intended for juveniles.

Nursing - Facilities licensed to provide medical care with seven day, twenty-four hour coverage for people requiring long-term non-acute care. People in these facilities require nursing care, regardless of age.

Other Institutional - Facilities in an institutionalized setting that do not fit into one of the before mentioned categories. They include hospitals with patients who have no usual home elsewhere, hospice, mental hospitals and psychiatric units, and military treatment facilities.

Noninstitutional Group Quarters - Facilities that house people who live in group quarters other than institutions such as college dormitories, military quarters, and group homes.

College - residence halls and dormitories, which house college and university students in a group living arrangement. Fraternity and sorority housing recognized by the college or university are included.

Military - These facilities include military personnel living in barracks, dormitories and military ships.

Other Noninstitutional - Facilities in a noninstitutionalized setting that do not fit into one of the before mentioned categories. They include emergency and transitional shelters, group homes for adults, residential treatment centers, religious and worker group quarters.

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 9: Orange County Total Housing Units by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Total Housing Units		Occupied Units (Households)		Vacant Units	
	2010	2020	2010	2020	2010	2020
Aliso Viejo	18,867	20,189	18,204	19,565	663	624
Anaheim	104,237	110,388	98,294	105,740	5,943	4,648
Brea	14,785	17,881	14,266	17,069	519	812
Buena Park	24,623	25,628	23,686	25,155	937	473
Costa Mesa	42,120	44,047	39,946	42,179	2,174	1,868
Coto de Caza CDP	4,853	4,992	4,736	4,876	117	116
Cypress	16,068	16,855	15,654	16,490	414	365
Dana Point	15,938	16,254	14,182	14,249	1,756	2,005
Fountain Valley	19,164	19,561	18,648	19,157	516	404
Fullerton	47,869	50,411	45,391	48,412	2,478	1,999
Garden Grove	47,755	48,562	46,037	47,362	1,718	1,200
Huntington Beach	78,003	82,734	74,285	79,101	3,718	3,633
Irvine	83,899	119,215	78,978	110,007	4,921	9,208
La Habra	19,924	20,801	18,977	20,245	947	556
La Palma	5,224	5,270	5,080	5,160	144	110
Ladera Ranch CDP	7,410	8,139	7,115	7,934	295	205
Laguna Beach	12,923	12,973	10,821	10,758	2,102	2,215
Laguna Hills	11,046	11,426	10,469	11,023	577	403
Laguna Niguel	25,312	27,281	24,232	25,425	1,080	1,856
Laguna Woods	13,016	13,414	11,302	11,958	1,714	1,456
Lake Forest	27,088	30,570	26,224	29,728	864	842
Las Flores CDP	1,969	1,981	1,916	1,948	53	33
Los Alamitos	4,355	4,376	4,212	4,266	143	110
Midway City CDP	2,574	2,595	2,428	2,521	146	74
Mission Viejo	34,228	34,982	33,208	34,072	1,020	910
Newport Beach	44,193	45,016	38,751	38,402	5,442	6,614
North Tustin CDP	8,866	8,911	8,580	8,641	286	270
Orange	45,111	46,893	43,367	45,382	1,744	1,511
Placentia	16,872	17,368	16,365	16,915	507	453
Rancho Santa Margarita	17,260	17,606	16,665	17,188	595	418
Rossmore CDP	3,710	3,765	3,631	3,632	79	133
San Clemente	25,966	26,647	23,906	24,490	2,060	2,157
San Juan Capistrano	11,940	12,319	11,394	11,849	546	470
Santa Ana	76,896	79,181	73,174	76,622	3,722	2,559
Seal Beach	14,558	14,645	13,017	13,369	1,541	1,276
Stanton	11,283	11,361	10,825	11,018	458	343
Tustin	26,476	28,223	25,203	27,266	1,273	957
Villa Park	2,016	2,020	1,976	1,943	40	77
Westminster	27,650	27,910	26,164	27,025	1,486	885
Yorba Linda	22,305	23,685	21,576	23,083	729	602
Unincorporated	10,555	13,710	9,896	12,880	659	830
Total Orange County	1,048,907	1,129,785	992,781	1,074,105	56,126	55,680

Table 10: Percent Share of Housing Units Type and Jurisdiction, 2010 and 2020

Jurisdiction	Total Housing Units		Occupied Units (Households)		Vacant Units	
	2010	2020	2010	2020	2010	2020
Aliso Viejo	100%	100%	96.5%	96.9%	3.5%	3.1%
Anaheim	100%	100%	94.3%	95.8%	5.7%	4.2%
Brea	100%	100%	96.5%	95.5%	3.5%	4.5%
Buena Park	100%	100%	96.2%	98.2%	3.8%	1.8%
Costa Mesa	100%	100%	94.8%	95.8%	5.2%	4.2%
Coto de Caza CDP	100%	100%	97.6%	97.7%	2.4%	2.3%
Cypress	100%	100%	97.4%	97.8%	2.6%	2.2%
Dana Point	100%	100%	89.0%	87.7%	11.0%	12.3%
Fountain Valley	100%	100%	97.3%	97.9%	2.7%	2.1%
Fullerton	100%	100%	94.8%	96.0%	5.2%	4.0%
Garden Grove	100%	100%	96.4%	97.5%	3.6%	2.5%
Huntington Beach	100%	100%	95.2%	95.6%	4.8%	4.4%
Irvine	100%	100%	94.1%	92.3%	5.9%	7.7%
La Habra	100%	100%	95.2%	97.3%	4.8%	2.7%
La Palma	100%	100%	97.2%	97.9%	2.8%	2.1%
Ladera Ranch CDP	100%	100%	96.0%	97.5%	4.0%	2.5%
Laguna Beach	100%	100%	83.7%	82.9%	16.3%	17.1%
Laguna Hills	100%	100%	94.8%	96.5%	5.2%	3.5%
Laguna Niguel	100%	100%	95.7%	93.2%	4.3%	6.8%
Laguna Woods	100%	100%	86.8%	89.1%	13.2%	10.9%
Lake Forest	100%	100%	96.8%	97.2%	3.2%	2.8%
Las Flores CDP	100%	100%	97.3%	98.3%	2.7%	1.7%
Los Alamitos	100%	100%	96.7%	97.5%	3.3%	2.5%
Midway City CDP	100%	100%	94.3%	97.1%	5.7%	2.9%
Mission Viejo	100%	100%	97.0%	97.4%	3.0%	2.6%
Newport Beach	100%	100%	87.7%	85.3%	12.3%	14.7%
North Tustin CDP	100%	100%	96.8%	97.0%	3.2%	3.0%
Orange	100%	100%	96.1%	96.8%	3.9%	3.2%
Placentia	100%	100%	97.0%	97.4%	3.0%	2.6%
Rancho Santa Margarita	100%	100%	96.6%	97.6%	3.4%	2.4%
Rossmoor CDP	100%	100%	97.9%	96.5%	2.1%	3.5%
San Clemente	100%	100%	92.1%	91.9%	7.9%	8.1%
San Juan Capistrano	100%	100%	95.4%	96.2%	4.6%	3.8%
Santa Ana	100%	100%	95.2%	96.8%	4.8%	3.2%
Seal Beach	100%	100%	89.4%	91.3%	10.6%	8.7%
Stanton	100%	100%	95.9%	97.0%	4.1%	3.0%
Tustin	100%	100%	95.2%	96.6%	4.8%	3.4%
Villa Park	100%	100%	98.0%	96.2%	2.0%	3.8%
Westminster	100%	100%	94.6%	96.8%	5.4%	3.2%
Yorba Linda	100%	100%	96.7%	97.5%	3.3%	2.5%
Unincorporated	100%	100%	93.8%	93.9%	6.2%	6.1%
Total Orange County	100%	100%	94.6%	95.1%	5.4%	4.9%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 11: Change in Orange County Total Population by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
	Aliso Viejo	1,672	20.5%	-494	-1.7%	1,607	23.3%	57	6.4%	-34	-41.5%	80	106.7%	187	137.5%	1,278	62.8%	4,353
Anaheim	9,184	5.2%	-14,125	-15.3%	11,422	23.2%	256	3.1%	-97	-13.1%	-140	-9.7%	857	136.5%	3,202	51.6%	10,559	3.1%
Brea	3,155	32.1%	-2,434	-11.8%	6,014	85.1%	285	57.1%	11	12.2%	-8	-12.9%	148	180.5%	872	89.5%	8,043	20.5%
Buena Park	2,692	8.5%	-5,971	-26.8%	6,267	29.5%	-305	-10.9%	-14	-7.4%	-16	-4.1%	206	148.2%	645	35.2%	3,504	4.4%
Costa Mesa	1,392	3.5%	-2,824	-5.0%	972	11.5%	-46	-3.4%	-34	-12.8%	-74	-15.2%	375	154.3%	2,197	80.4%	1,958	1.8%
Coto de Caza CDP	352	30.1%	-1,497	-12.3%	494	57.4%	49	38.0%	-8	-34.8%	-13	-65.0%	43	143.3%	424	102.2%	-156	-1.0%
Cypress	1,910	21.8%	-4,509	-21.6%	3,893	26.2%	146	10.6%	-57	-40.1%	47	23.0%	116	133.3%	803	53.6%	2,349	4.9%
Dana Point	632	11.2%	-2,005	-7.9%	254	24.5%	13	5.1%	-44	-40.0%	-7	-18.9%	100	158.7%	813	113.1%	-244	-0.7%
Fountain Valley	1,587	21.9%	-5,004	-18.4%	4,208	23.0%	53	11.2%	-56	-44.1%	-33	-20.8%	121	107.1%	858	52.5%	1,734	3.1%
Fullerton	7,724	16.6%	-9,506	-18.4%	7,427	24.4%	181	6.5%	38	15.1%	-4	-1.5%	448	184.4%	2,148	72.5%	8,456	6.3%
Garden Grove	1,023	1.6%	-10,386	-26.9%	9,406	14.9%	-157	-9.0%	-66	-23.1%	-271	-26.3%	469	214.2%	1,048	36.9%	1,066	0.6%
Huntington Beach	7,046	21.7%	-10,104	-7.9%	5,129	24.7%	476	29.1%	-89	-16.7%	-63	-10.6%	839	212.4%	5,485	91.5%	8,719	4.6%
Irvine	16,234	82.7%	10,234	10.7%	57,003	68.9%	3,152	90.2%	86	43.2%	46	15.6%	1,236	223.1%	7,304	75.5%	95,295	44.9%
La Habra	2,990	8.7%	-3,225	-17.7%	2,301	41.8%	211	25.2%	-5	-3.4%	-20	-25.0%	166	188.6%	440	45.9%	2,858	4.7%
La Palma	452	18.2%	-1,005	-23.2%	403	5.4%	-7	-0.9%	-8	-30.8%	41	113.9%	11	25.6%	126	28.5%	13	0.1%
Ladera Ranch CDP	655	22.2%	1,100	6.9%	655	24.0%	-59	-18.9%	7	21.2%	1	3.7%	84	271.0%	747	78.5%	3,190	13.9%
Laguna Beach	505	30.6%	-1,144	-5.9%	164	20.6%	23	14.6%	-9	-26.5%	5	38.5%	78	150.0%	687	125.6%	309	1.4%
Laguna Hills	1,247	20.0%	-1,876	-10.0%	925	24.4%	47	12.6%	-21	-39.6%	-4	-8.9%	108	166.2%	604	57.5%	1,030	3.4%
Laguna Niguel	1,749	20.0%	-2,858	-6.3%	916	17.0%	73	10.5%	0	0.0%	-12	-15.2%	226	191.5%	1,282	59.9%	1,376	2.2%
Laguna Woods	289	44.5%	-1,394	-10.3%	2,183	135.3%	53	50.5%	-8	-47.1%	0	0.0%	17	94.4%	312	174.3%	1,452	9.0%
Lake Forest	2,921	15.4%	-3,671	-8.3%	6,665	66.8%	154	13.3%	-42	-21.5%	-28	-16.3%	284	171.1%	2,311	96.8%	8,594	11.1%
Las Flores CDP	77	7.8%	-358	-9.3%	182	23.8%	-9	-10.1%	-5	-35.7%	-2	-16.7%	21	123.5%	118	50.9%	24	0.4%
Los Alamitos	608	25.1%	-1,272	-18.9%	613	42.4%	47	15.7%	12	54.5%	22	46.8%	22	47.8%	279	62.3%	331	2.9%
Midway City CDP	336	13.6%	-628	-35.4%	637	16.1%	-17	-27.4%	-11	-45.8%	-22	-57.9%	14	140.0%	31	20.9%	340	4.0%
Mission Viejo	2,109	13.3%	-6,486	-10.1%	2,510	30.2%	5	0.4%	-59	-33.5%	6	4.1%	253	125.9%	2,010	63.0%	348	0.4%
Newport Beach	2,016	32.7%	-5,790	-8.3%	1,518	25.6%	55	9.6%	-52	-34.2%	-14	-14.7%	252	152.7%	2,068	105.4%	53	0.1%
North Tustin CDP	1,220	37.4%	-2,306	-12.3%	981	49.7%	25	18.1%	-31	-53.4%	-9	-19.1%	54	98.2%	867	144.5%	801	3.2%
Orange	5,561	10.7%	-8,475	-13.3%	2,942	19.5%	326	17.2%	-68	-19.0%	7	2.2%	422	173.0%	2,780	104.4%	3,495	2.6%
Placentia	1,275	6.9%	-3,597	-15.9%	2,483	33.3%	128	15.6%	-18	-14.6%	11	19.0%	145	195.9%	864	86.7%	1,291	2.6%
Rancho Santa Margarita	1,395	15.7%	-4,124	-12.9%	1,443	33.8%	-27	-3.4%	-9	-11.0%	4	4.5%	134	147.3%	1,280	81.0%	96	0.2%
Rossmoor CDP	454	38.7%	-1,222	-15.6%	714	87.9%	25	32.9%	-17	-58.6%	3	14.3%	23	328.6%	401	143.2%	381	3.7%
San Clemente	977	9.1%	-2,365	-4.9%	244	10.8%	33	9.5%	-13	-6.7%	10	12.8%	264	296.6%	1,621	102.1%	771	1.2%
San Juan Capistrano	316	2.4%	-721	-3.7%	242	25.4%	-7	-4.8%	-50	-32.1%	-8	-26.7%	104	241.9%	727	128.4%	603	1.7%
Santa Ana	-15,906	-6.3%	-3,512	-11.7%	3,822	11.4%	-432	-13.6%	-22	-4.3%	-191	-23.1%	546	145.6%	1,394	64.9%	-14,301	-4.4%
Seal Beach	822	35.3%	-1,766	-9.5%	1,351	59.4%	115	45.1%	15	39.5%	-6	-11.5%	29	46.8%	514	89.1%	1,074	4.4%
Stanton	-610	-3.1%	-2,372	-28.4%	2,542	29.2%	-37	-5.3%	-49	-45.8%	6	3.0%	123	164.0%	173	27.3%	-224	-0.6%
Tustin	2,688	9.0%	-3,416	-13.0%	3,896	25.7%	84	5.5%	-47	-33.1%	-51	-20.9%	233	125.9%	1,349	69.3%	4,736	6.3%
Villa Park	126	21.1%	-536	-12.8%	268	31.6%	5	11.9%	-24	-92.3%	4	400.0%	2	18.2%	186	170.6%	31	0.5%
Westminster	1,169	5.5%	-5,010	-21.8%	4,099	9.7%	153	21.9%	14	10.6%	91	28.1%	137	121.2%	557	29.8%	1,210	1.3%
Yorba Linda	3,049	33.1%	-6,161	-14.6%	5,613	56.4%	-3	-0.4%	-20	-16.7%	-15	-19.2%	222	146.1%	1,417	81.7%	4,102	6.4%
Unincorporated	768	5.8%	2,971	19.7%	2,239	57.0%	180	49.5%	-14	-14.3%	-16	-12.5%	106	163.1%	903	134.0%	7,137	21.2%
Total Orange County	73,861	7.3%	-129,844	-9.8%	166,647	31.3%	5,304	12.1%	-918	-14.8%	-643	-7.7%	9,225	164.9%	53,125	73.7%	176,757	5.9%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 12: Change in Orange County Population 18 Years and Over by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
	Aliso Viejo	1,607	29.4%	719	3.2%	1,489	28.0%	136	19.5%	-27	-40.9%	41	64.1%	142	173.2%	1,043	99.5%	5,150
Anaheim	18,581	16.2%	-9,752	-12.5%	11,505	29.1%	582	9.2%	-44	-7.5%	40	4.0%	617	146.2%	2,547	67.2%	24,076	9.9%
Brea	2,707	39.8%	-1,357	-8.0%	4,724	89.7%	242	61.6%	16	22.2%	-1	-2.2%	104	176.3%	653	120.5%	7,088	23.5%
Buena Park	3,625	17.5%	-4,604	-24.5%	6,060	35.6%	-68	-3.4%	8	5.2%	13	4.6%	139	163.5%	606	57.8%	5,779	9.6%
Costa Mesa	3,186	12.0%	-1,995	-4.1%	982	13.2%	6	0.5%	-32	-13.7%	-36	-9.9%	318	189.3%	1,678	97.7%	4,107	4.8%
Coto de Caza CDP	318	41.9%	-79	-0.9%	468	74.3%	56	56.6%	-11	-57.9%	-15	-93.8%	29	131.8%	353	212.7%	1,119	10.8%
Cypress	1,839	30.7%	-3,224	-18.7%	3,407	30.9%	131	12.4%	-55	-45.5%	53	32.1%	101	165.6%	706	92.3%	2,958	8.1%
Dana Point	715	18.0%	-1,122	-5.2%	288	31.6%	15	6.9%	-38	-40.0%	-7	-21.2%	82	174.5%	706	172.6%	639	2.3%
Fountain Valley	1,407	27.7%	-3,409	-15.1%	3,936	27.4%	73	18.8%	-31	-33.3%	-26	-20.3%	95	125.0%	719	80.4%	2,764	6.3%
Fullerton	8,524	27.6%	-7,134	-16.1%	6,904	29.0%	216	9.6%	39	18.5%	7	3.2%	367	215.9%	1,679	93.6%	10,602	10.2%
Garden Grove	4,876	11.8%	-7,828	-23.9%	10,787	22.1%	-84	-6.1%	-64	-26.2%	-113	-15.6%	380	262.1%	906	55.1%	8,860	7.0%
Huntington Beach	6,836	30.9%	-4,762	-4.5%	4,775	27.8%	472	35.3%	-42	-9.3%	-42	-8.8%	709	256.9%	4,373	134.0%	12,319	8.2%
Irvine	13,794	95.2%	9,780	12.4%	44,098	69.1%	2,700	99.3%	27	17.1%	18	7.4%	957	268.8%	5,063	87.3%	76,437	45.9%
La Habra	4,396	19.4%	-2,529	-16.3%	2,178	48.0%	213	33.3%	-3	-2.4%	-25	-36.2%	139	220.6%	369	62.9%	4,738	10.7%
La Palma	397	22.7%	-726	-19.8%	617	10.6%	40	6.9%	-5	-25.0%	26	83.9%	3	8.3%	148	60.2%	500	4.1%
Ladera Ranch CDP	512	30.8%	1,204	12.0%	569	29.9%	-15	-7.2%	3	11.1%	1	4.8%	63	370.6%	493	157.5%	2,830	20.0%
Laguna Beach	462	37.2%	-559	-3.4%	150	21.5%	22	16.5%	-9	-30.0%	3	27.3%	70	218.8%	528	172.0%	667	3.5%
Laguna Hills	1,101	25.8%	-864	-5.7%	934	30.1%	37	11.8%	-12	-29.3%	-16	-40.0%	82	195.2%	486	79.9%	1,748	7.4%
Laguna Niguel	1,679	28.4%	-34	-0.1%	940	21.2%	108	19.5%	5	5.1%	-12	-19.0%	170	232.9%	1,037	85.2%	3,893	8.0%
Laguna Woods	252	38.9%	-1,365	-10.1%	2,180	135.4%	43	41.3%	-8	-47.1%	-3	-30.0%	14	77.8%	282	164.0%	1,395	8.6%
Lake Forest	3,047	24.1%	-1,037	-3.0%	5,473	69.2%	158	17.2%	-24	-16.2%	-20	-13.8%	204	187.2%	1,594	132.0%	9,395	16.2%
Las Flores CDP	90	14.7%	59	2.3%	180	32.1%	-6	-9.1%	0	0.0%	2	25.0%	24	480.0%	96	92.3%	445	11.3%
Los Alamitos	404	24.7%	-878	-16.2%	444	39.2%	32	14.1%	18	112.5%	19	59.4%	14	48.3%	245	114.5%	298	3.4%
Midway City CDP	370	23.2%	-505	-32.7%	725	23.8%	-11	-22.0%	-4	-23.5%	-15	-51.7%	11	137.5%	43	48.9%	614	9.6%
Mission Viejo	2,186	20.1%	-2,336	-4.5%	2,338	34.8%	70	7.7%	-59	-39.1%	4	3.3%	220	165.4%	1,574	89.5%	3,997	5.5%
Newport Beach	1,671	36.3%	-3,474	-5.9%	1,069	21.2%	55	11.3%	-32	-25.0%	-8	-10.0%	196	170.4%	1,458	123.5%	935	1.3%
North Tustin CDP	963	43.9%	-1,142	-7.7%	740	45.4%	34	31.2%	-29	-61.7%	-9	-23.7%	42	120.0%	539	200.4%	1,138	6.0%
Orange	6,637	19.0%	-5,046	-9.5%	3,093	25.3%	358	22.9%	-29	-10.1%	11	4.3%	322	177.9%	2,152	136.4%	7,498	7.2%
Placentia	1,692	13.8%	-2,464	-13.2%	2,086	35.9%	153	23.9%	-14	-13.7%	2	4.3%	103	187.3%	610	112.3%	2,168	5.7%
Rancho Santa Margarita	1,560	27.3%	-987	-4.2%	1,337	40.7%	15	2.4%	-13	-19.7%	17	26.6%	97	159.0%	1,022	145.6%	3,048	9.0%
Rossmoor CDP	337	46.3%	-668	-10.9%	484	79.7%	13	22.8%	-10	-47.6%	2	13.3%	12	200.0%	194	152.8%	364	4.7%
San Clemente	1,309	19.0%	-429	-1.1%	297	16.0%	45	15.8%	15	9.7%	15	23.4%	216	342.9%	1,250	158.4%	2,718	5.7%
San Juan Capistrano	1,017	11.7%	-223	-1.4%	231	29.1%	-10	-8.0%	-37	-27.2%	-8	-28.6%	77	285.2%	536	168.6%	1,583	6.1%
Santa Ana	5,278	3.2%	-2,798	-10.5%	4,738	17.4%	-290	-10.8%	-4	-1.0%	-117	-19.0%	375	165.9%	1,141	78.3%	8,323	3.7%
Seal Beach	675	38.3%	-1,414	-8.5%	1,336	66.4%	95	43.4%	14	40.0%	-10	-25.0%	33	76.7%	414	133.1%	1,143	5.4%
Stanton	882	7.1%	-1,924	-26.5%	2,540	37.6%	31	5.9%	-48	-52.2%	2	1.3%	86	175.5%	146	37.3%	1,715	6.2%
Tustin	4,045	21.0%	-1,980	-9.2%	3,322	28.0%	76	6.3%	-25	-22.9%	-18	-10.5%	152	127.7%	900	80.6%	6,472	11.7%
Villa Park	110	26.3%	-261	-7.7%	196	27.8%	10	29.4%	-20	-100.0%	4	#DIV/0!	0	0.0%	102	178.9%	141	3.0%
Westminster	2,028	14.4%	-4,008	-20.4%	5,739	17.4%	156	27.4%	11	9.8%	87	35.1%	110	131.0%	621	56.8%	4,744	6.9%
Yorba Linda	2,502	40.6%	-2,863	-8.7%	4,319	57.2%	44	7.2%	-6	-6.8%	-7	-12.3%	159	147.2%	1,047	119.8%	5,195	10.7%
Unincorporated	1,247	13.9%	2,497	20.1%	1,889	60.6%	127	42.9%	-1	-1.3%	-14	-13.7%	77	220.0%	660	178.9%	6,482	25.5%
Total Orange County	114,864	17.2%	-71,521	-6.5%	149,567	35.6%	6,080	17.5%	-580	-11.5%	-155	-2.4%	7,111	189.6%	40,719	99.6%	246,085	10.8%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 13: Change in Orange County Population 0 to 17 Years by Race/Ethnicity and Jurisdiction, 2010 and 2020

Jurisdiction	Hispanic or Latino of Any Race		Non-Hispanic White		Non-Hispanic Asian		Non-Hispanic Black		Non-Hispanic American Indian/ Alaska Native		Non-Hispanic Native Hawaiian and Pacific Islander		Non-Hispanic Some Other Race		Non-Hispanic Two or More Races		Total Jurisdiction	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
	Aliso Viejo	65	2.4%	-1,213	-17.7%	118	7.5%	-79	-40.5%	-7	-43.8%	39	354.5%	45	83.3%	235	23.8%	-797
Anaheim	-9,397	-15.0%	-4,373	-30.3%	-83	-0.9%	-326	-17.3%	-53	-33.1%	-180	-42.0%	240	116.5%	655	27.1%	-13,517	-14.7%
Brea	448	14.8%	-1,077	-29.6%	1,290	71.6%	43	40.6%	-5	-27.8%	-7	-43.8%	44	191.3%	219	50.7%	955	10.5%
Buena Park	-933	-8.6%	-1,367	-39.2%	207	4.9%	-237	-30.3%	-22	-66.7%	-29	-27.6%	67	124.1%	39	5.0%	-2,275	-11.2%
Costa Mesa	-1,794	-14.0%	-829	-10.0%	-10	-0.9%	-52	-23.2%	-2	-6.1%	-38	-31.1%	57	76.0%	519	51.1%	-2,149	-9.1%
Coto de Caza CDP	34	8.3%	-1,418	-39.3%	26	11.3%	-7	-23.3%	3	75.0%	2	50.0%	14	175.0%	71	28.5%	-1,275	-28.1%
Cypress	71	2.5%	-1,285	-35.6%	486	12.8%	15	4.6%	-2	-9.5%	-6	-15.4%	15	57.7%	97	13.2%	-609	-5.4%
Dana Point	-83	-4.9%	-883	-23.5%	-34	-26.8%	-2	-5.3%	-6	-40.0%	0	0.0%	18	112.5%	107	34.5%	-883	-14.8%
Fountain Valley	180	8.3%	-1,595	-34.7%	272	6.9%	-20	-23.5%	-25	-73.5%	-7	-22.6%	26	70.3%	139	18.8%	-1,030	-8.8%
Fullerton	-800	-5.1%	-2,372	-31.8%	523	7.9%	-35	-6.5%	-1	-2.5%	-11	-22.0%	81	111.0%	469	40.1%	-2,146	-6.8%
Garden Grove	-3,853	-17.8%	-2,558	-43.6%	-1,381	-9.7%	-73	-19.1%	-2	-4.8%	-158	-51.8%	89	120.3%	142	11.9%	-7,794	-17.8%
Huntington Beach	210	2.0%	-5,342	-24.5%	354	9.7%	4	1.4%	-47	-57.3%	-21	-17.9%	130	109.2%	1,112	40.7%	-3,600	-9.2%
Irvine	2,440	47.5%	454	2.7%	12,905	68.4%	452	58.3%	59	143.9%	28	54.9%	279	140.9%	2,241	57.9%	18,858	41.3%
La Habra	-1,406	-11.9%	-696	-26.3%	123	12.8%	-2	-1.0%	-2	-8.3%	5	45.5%	27	108.0%	71	19.1%	-1,880	-11.7%
La Palma	55	7.4%	-279	-41.7%	-214	-13.3%	-47	-24.1%	-3	-50.0%	15	300.0%	8	114.3%	-22	-11.2%	-487	-14.2%
Ladera Ranch CDP	143	11.1%	-104	-1.8%	86	10.3%	-44	-42.7%	4	66.7%	0	0.0%	21	150.0%	254	39.7%	360	4.1%
Laguna Beach	43	10.6%	-585	-20.5%	14	14.0%	1	4.0%	0	0.0%	2	100.0%	8	40.0%	159	66.3%	-358	-9.8%
Laguna Hills	146	7.4%	-1,012	-28.5%	-9	-1.3%	10	16.7%	-9	-75.0%	12	240.0%	26	113.0%	118	26.6%	-718	-10.6%
Laguna Niguel	70	2.5%	-2,824	-30.5%	-24	-2.5%	-35	-25.4%	-5	-29.4%	0	0.0%	56	124.4%	245	26.5%	-2,517	-17.7%
Laguna Woods	37	1233.3%	-29	-85.3%	3	100.0%	10	1000.0%	0	#DIV/0!	3	#DIV/0!	3	#DIV/0!	30	428.6%	57	118.8%
Lake Forest	-126	-2.0%	-2,634	-28.9%	1,192	57.3%	-4	-1.7%	-18	-38.3%	-8	-29.6%	80	140.4%	717	60.8%	-801	-4.2%
Las Flores CDP	-13	-3.5%	-417	-32.6%	2	1.0%	-3	-13.0%	-5	-100.0%	-4	-100.0%	-3	-25.0%	22	17.2%	-421	-20.7%
Los Alamitos	204	26.0%	-394	-30.4%	169	53.7%	15	20.5%	-6	-100.0%	3	20.0%	8	47.1%	34	14.5%	33	1.2%
Midway City CDP	-34	-3.9%	-123	-53.2%	-88	-9.6%	-6	-50.0%	-7	-100.0%	-7	-77.8%	3	150.0%	-12	-20.0%	-274	-13.0%
Mission Viejo	-77	-1.5%	-4,150	-32.2%	172	10.8%	-65	-28.9%	0	0.0%	2	8.3%	33	48.5%	436	30.5%	-3,649	-17.2%
Newport Beach	345	21.9%	-2,316	-20.4%	449	50.6%	0	0.0%	-20	-83.3%	-6	-40.0%	56	112.0%	610	78.1%	-882	-6.0%
North Tustin CDP	257	24.1%	-1,164	-28.8%	241	69.9%	-9	-31.0%	-2	-18.2%	0	0.0%	12	60.0%	328	99.1%	-337	-5.8%
Orange	-1,076	-6.3%	-3,429	-32.6%	-151	-5.2%	-32	-9.7%	-39	-54.9%	-4	-6.1%	100	158.7%	628	57.8%	-4,003	-12.5%
Placentia	-417	-6.8%	-1,133	-28.4%	397	24.2%	-25	-14.1%	-4	-19.0%	9	81.8%	42	221.1%	254	55.9%	-877	-7.0%
Rancho Santa Margarita	-165	-5.2%	-3,137	-36.5%	106	10.8%	-42	-25.3%	4	25.0%	-13	-54.2%	37	123.3%	258	29.4%	-2,952	-21.3%
Rossmore CDP	117	26.2%	-554	-32.4%	230	112.2%	12	63.2%	-7	-87.5%	1	16.7%	11	1100.0%	207	135.3%	17	0.7%
San Clemente	-332	-8.7%	-1,936	-18.8%	-53	-12.9%	-12	-18.8%	-28	-71.8%	-5	-35.7%	48	184.6%	371	46.4%	-1,947	-12.6%
San Juan Capistrano	-701	-14.9%	-498	-14.8%	11	7.0%	3	14.3%	-13	-65.0%	0	0.0%	27	168.8%	191	77.0%	-980	-11.5%
Santa Ana	-21,184	-24.0%	-714	-21.2%	-916	-14.3%	-142	-28.7%	-18	-14.6%	-74	-35.1%	171	114.8%	253	36.7%	-22,624	-22.7%
Seal Beach	147	25.8%	-352	-17.7%	15	5.7%	20	55.6%	1	33.3%	4	33.3%	-4	-21.1%	100	37.6%	-69	-2.2%
Stanton	-1,492	-21.2%	-448	-41.6%	2	0.1%	-68	-38.6%	-1	-6.7%	4	8.7%	37	142.3%	27	11.1%	-1,939	-18.4%
Tustin	-1,357	-12.6%	-1,436	-29.7%	574	17.6%	8	2.5%	-22	-66.7%	-33	-45.2%	81	122.7%	449	54.2%	-1,736	-8.6%
Villa Park	16	8.9%	-275	-35.6%	72	50.3%	-5	-62.5%	-4	-66.7%	0	0.0%	2	100.0%	84	161.5%	-110	-9.5%
Westminster	-859	-12.1%	-1,002	-29.8%	-1,640	-17.4%	-3	-2.3%	3	15.0%	4	5.3%	27	93.1%	-64	-8.2%	-3,534	-16.9%
Yorba Linda	547	17.9%	-3,298	-35.9%	1,294	53.9%	-47	-27.0%	-14	-43.8%	-8	-38.1%	63	143.2%	370	43.0%	-1,093	-6.9%
Unincorporated	-479	-11.0%	474	17.5%	350	43.3%	53	77.9%	-13	-61.9%	-2	-7.7%	29	96.7%	243	79.7%	655	7.9%
Total Orange County	-41,003	-11.9%	-58,323	-24.8%	17,080	15.2%	-776	-8.4%	-338	-29.1%	-488	-24.1%	2,114	114.7%	12,406	39.7%	-69,328	-9.4%

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 14: Orange County Group Quarters Population by Type and Jurisdiction, 2010 and 2020

Jurisdiction	Institutional									Noninstitutional									Group Quarters Total	
	Institutional Total		Adult Correctional			Juvenile		Nursing		Other	Noninstitutional Total		College		Military		Other		#	%
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%		
Aliso Viejo	-19	-100.0%	0	0.0%	0	0.0%	-19	-100.0%	0	0.0%	386	85.8%	-19	-4.0%	0	0.0%	404	100.0%	367	78.3%
Anaheim	-201	-13.1%	7	11.1%	-43	-56.6%	-193	-14.0%	28	127.3%	1,428	70.7%	681	278.0%	0	0.0%	747	42.1%	1,227	34.5%
Brea	111	0.0%	0	0.0%	0	0.0%	111	0.0%	0	0.0%	92	133.3%	0	0.0%	0	0.0%	92	133.3%	203	294.2%
Buena Park	-62	-23.8%	0	0.0%	-7	-36.8%	-55	-22.7%	0	0.0%	-104	-18.8%	5	0.0%	0	0.0%	-109	-19.7%	-166	-20.4%
Costa Mesa	-276	-37.4%	0	0.0%	-15	-23.1%	-457	-78.7%	196	213.0%	-760	-34.1%	-726	-91.8%	0	0.0%	-34	-2.4%	-1,036	-34.9%
Coto de Caza CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Cypress	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-200	-39.8%	0	0.0%	0	0.0%	-200	-39.8%	-200	-39.8%
Dana Point	-27	-33.3%	-4	-100.0%	0	0.0%	-23	-29.9%	0	0.0%	-5	-3.1%	0	0.0%	0	0.0%	-5	-3.1%	-32	-13.3%
Fountain Valley	-30	-16.7%	0	0.0%	26	216.7%	-60	-37.5%	4	50.0%	-47	-18.3%	0	0.0%	0	0.0%	-47	-18.3%	-77	-17.6%
Fullerton	-139	-18.3%	0	0.0%	-45	-34.6%	-98	-15.6%	4	0.0%	680	29.3%	708	57.5%	0	0.0%	-28	-2.6%	541	17.6%
Garden Grove	-162	-22.9%	-45	-67.2%	0	0.0%	-135	-21.6%	18	112.5%	204	16.5%	0	0.0%	0	0.0%	204	16.5%	42	2.2%
Huntington Beach	-58	-14.4%	0	0.0%	24	200.0%	-82	-21.0%	0	0.0%	436	89.5%	0	0.0%	0	0.0%	436	89.5%	378	42.5%
Irvine	-559	-95.1%	-526	-100.0%	-7	-100.0%	-26	-47.3%	0	0.0%	10,857	181.9%	10,939	191.7%	0	0.0%	-82	-31.2%	10,298	157.1%
La Habra	-1	-0.6%	0	0.0%	0	0.0%	3	1.8%	-4	-100.0%	359	212.4%	0	0.0%	0	0.0%	359	212.4%	358	105.3%
La Palma	-6	-100.0%	0	0.0%	-6	-100.0%	0	0.0%	0	0.0%	12	85.7%	0	0.0%	0	0.0%	12	85.7%	6	30.0%
Ladera Ranch CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11	0.0%	0	0.0%	0	0.0%	11	0.0%	11	0.0%
Laguna Beach	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	43	48.3%	0	0.0%	0	0.0%	43	48.3%	43	48.3%
Laguna Hills	98	72.1%	0	0.0%	0	0.0%	98	72.1%	0	0.0%	-90	-38.6%	0	0.0%	0	0.0%	-90	-38.6%	8	2.2%
Laguna Niguel	40	0.0%	0	0.0%	0	0.0%	40	0.0%	0	0.0%	-2	-0.8%	0	0.0%	0	0.0%	-2	-0.8%	38	15.3%
Laguna Woods	42	0.0%	0	0.0%	0	0.0%	42	0.0%	0	0.0%	-141	-84.4%	0	0.0%	0	0.0%	-141	-84.4%	-99	-59.3%
Lake Forest	-84	-38.9%	0	0.0%	0	0.0%	-84	-38.9%	0	0.0%	-12	-4.0%	0	0.0%	0	0.0%	-12	-4.0%	-96	-18.6%
Las Flores CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Los Alamitos	-76	-37.4%	0	0.0%	0	0.0%	-76	-37.4%	0	0.0%	-28	-70.0%	0	0.0%	0	0.0%	-28	-70.0%	-104	-42.8%
Midway City CDP	98	0.0%	0	0.0%	0	0.0%	98	0.0%	0	0.0%	-65	-63.1%	0	0.0%	0	0.0%	-65	-63.1%	33	32.0%
Mission Viejo	24	28.9%	0	0.0%	-17	-100.0%	41	62.1%	0	0.0%	37	4.3%	0	0.0%	0	0.0%	37	4.3%	61	6.5%
Newport Beach	55	21.9%	0	0.0%	0	0.0%	85	38.5%	-30	-100.0%	85	56.3%	0	0.0%	0	0.0%	85	56.3%	140	34.8%
North Tustin CDP	10	33.3%	0	0.0%	9	40.9%	1	12.5%	0	0.0%	-89	-55.3%	0	0.0%	0	0.0%	-89	-55.3%	-79	-41.4%
Orange	-510	-13.9%	-166	-6.3%	-472	-72.3%	184	61.5%	-56	-76.7%	1,055	40.8%	1,193	69.4%	0	0.0%	-138	-15.9%	545	8.7%
Placentia	28	33.3%	0	0.0%	51	463.6%	-23	-31.5%	0	0.0%	21	8.3%	0	0.0%	0	0.0%	21	8.3%	49	14.5%
Rancho Santa Margarita	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	27	1350.0%	0	0.0%	0	0.0%	27	1350.0%	27	1350.0%
Rossmoor CDP	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	20	0.0%	0	0.0%	0	0.0%	20	0.0%	20	0.0%
San Clemente	-28	-100.0%	-23	-100.0%	-5	-100.0%	0	0.0%	0	0.0%	215	87.8%	0	0.0%	0	0.0%	215	87.8%	187	68.5%
San Juan Capistrano	158	0.0%	0	0.0%	0	0.0%	146	0.0%	12	0.0%	72	82.8%	0	0.0%	0	0.0%	72	82.8%	230	264.4%
Santa Ana	563	17.4%	957	43.3%	-136	-98.6%	-264	-29.5%	6	0.0%	146	10.3%	-12	-100.0%	0	0.0%	158	11.3%	709	15.2%
Seal Beach	-29	-14.3%	9	69.2%	0	0.0%	-31	-16.9%	-7	-100.0%	65	295.5%	0	0.0%	69	492.9%	-4	-50.0%	36	16.0%
Stanton	107	41.5%	0	0.0%	0	0.0%	80	33.3%	27	150.0%	209	227.2%	0	0.0%	0	0.0%	209	227.2%	316	90.3%
Tustin	-73	-40.6%	0	0.0%	0	0.0%	-43	-28.7%	-30	-100.0%	6	1.8%	0	0.0%	0	0.0%	6	1.8%	-67	-12.9%
Villa Park	-5	-100.0%	0	0.0%	-5	-100.0%	0	0.0%	0	0.0%	-11	-27.5%	0	0.0%	0	0.0%	-11	-27.5%	-16	-35.6%
Westminster	72	24.9%	0	0.0%	0	0.0%	85	43.1%	-13	-14.1%	-93	-24.4%	0	0.0%	0	0.0%	-93	-24.4%	-21	-3.1%
Yorba Linda	241	259.1%	0	0.0%	0	0.0%	241	259.1%	0	0.0%	42	43.3%	0	0.0%	0	0.0%	42	43.3%	283	148.9%
Unincorporated	-2	-1.8%	10	0.0%	-25	-28.4%	-20	-80.0%	33	0.0%	34	9.4%	-3	-100.0%	0	0.0%	37	10.3%	32	6.8%
Total Orange County	-700	-4.8%	219	3.9%	-673	-53.2%	-434	-5.9%	188	48.0%	14,895	60.3%	12,767	125.8%	69	492.9%	2,059	14.2%	14,195	36.2%

Institutional Group Quarters - Facilities that house people under formally authorized, supervised care or custody in institutions at the time of enumeration. Such people are referred to as patients or inmates.

Adult Correctional - correctional facilities for adults that includes federal detention centers, federal and state prisons, local jails and other municipal confinement facilities, correctional residential facilities, and military disciplinary barracks and jails.

Juvenile - Includes group homes for juveniles (non-correctional), residential treatment center for juveniles (non-correctional), and correctional facilities intended for juveniles.

Nursing - Facilities licensed to provide medical care with seven day, twenty-four hour coverage for people requiring long-term non-acute care. People in these facilities require nursing care, regardless of age.

Other Institutional - Facilities in an institutionalized setting that do not fit into one of the before mentioned categories. They include hospitals with patients who have no usual home elsewhere, hospice, mental hospitals and psychiatric units, and military treatment facilities.

Noninstitutional Group Quarters - Facilities that house people who live in group quarters other than institutions such as college dormitories, military quarters, and group homes.

College - residence halls and dormitories, which house college and university students in a group living arrangement. Fraternity and sorority housing recognized by the college or university are included.

Military - These facilities include military personnel living in barracks, dormitories and military ships.

Other Noninstitutional - Facilities in a noninstitutionalized setting that do not fit into one of the before mentioned categories. They include emergency and transitional shelters, group homes for adults, residential treatment centers, religious and worker group quarters.

Source: U.S. Census Bureau, 2010 and 2020 Public Law 94-171 Summary Files. Errata not included.

Table 15: Change in Orange County Total Housing Units by Jurisdiction, 2010 to 2020

Jurisdiction	Total Housing Units		Occupied Units (Households)		Vacant Units	
	Numerical Change	Percent Change	Numerical Change	Percent Change	Numerical Change	Percent Change
Aliso Viejo	1,322	7.0%	1,361	7.5%	-39	-5.9%
Anaheim	6,151	5.9%	7,446	7.6%	-1,295	-21.8%
Brea	3,096	20.9%	2,803	19.6%	293	56.5%
Buena Park	1,005	4.1%	1,469	6.2%	-464	-49.5%
Costa Mesa	1,927	4.6%	2,233	5.6%	-306	-14.1%
Coto de Caza CDP	139	2.9%	140	3.0%	-1	-0.9%
Cypress	787	4.9%	836	5.3%	-49	-11.8%
Dana Point	316	2.0%	67	0.5%	249	14.2%
Fountain Valley	397	2.1%	509	2.7%	-112	-21.7%
Fullerton	2,542	5.3%	3,021	6.7%	-479	-19.3%
Garden Grove	807	1.7%	1,325	2.9%	-518	-30.2%
Huntington Beach	4,731	6.1%	4,816	6.5%	-85	-2.3%
Irvine	35,316	42.1%	31,029	39.3%	4,287	87.1%
La Habra	877	4.4%	1,268	6.7%	-391	-41.3%
La Palma	46	0.9%	80	1.6%	-34	-23.6%
Ladera Ranch CDP	729	9.8%	819	11.5%	-90	-30.5%
Laguna Beach	50	0.4%	-63	-0.6%	113	5.4%
Laguna Hills	380	3.4%	554	5.3%	-174	-30.2%
Laguna Niguel	1,969	7.8%	1,193	4.9%	776	71.9%
Laguna Woods	398	3.1%	656	5.8%	-258	-15.1%
Lake Forest	3,482	12.9%	3,504	13.4%	-22	-2.5%
Las Flores CDP	12	0.6%	32	1.7%	-20	-37.7%
Los Alamitos	21	0.5%	54	1.3%	-33	-23.1%
Midway City CDP	21	0.8%	93	3.8%	-72	-49.3%
Mission Viejo	754	2.2%	864	2.6%	-110	-10.8%
Newport Beach	823	1.9%	-349	-0.9%	1,172	21.5%
North Tustin CDP	45	0.5%	61	0.7%	-16	-5.6%
Orange	1,782	4.0%	2,015	4.6%	-233	-13.4%
Placentia	496	2.9%	550	3.4%	-54	-10.7%
Rancho Santa Margarita	346	2.0%	523	3.1%	-177	-29.7%
Rossmore CDP	55	1.5%	1	0.0%	54	68.4%
San Clemente	681	2.6%	584	2.4%	97	4.7%
San Juan Capistrano	379	3.2%	455	4.0%	-76	-13.9%
Santa Ana	2,285	3.0%	3,448	4.7%	-1,163	-31.2%
Seal Beach	87	0.6%	352	2.7%	-265	-17.2%
Stanton	78	0.7%	193	1.8%	-115	-25.1%
Tustin	1,747	6.6%	2,063	8.2%	-316	-24.8%
Villa Park	4	0.2%	-33	-1.7%	37	92.5%
Westminster	260	0.9%	861	3.3%	-601	-40.4%
Yorba Linda	1,380	6.2%	1,507	7.0%	-127	-17.4%
Unincorporated	3,155	29.9%	2,984	30.2%	171	25.9%
Total Orange County	80,878	7.7%	81,324	8.2%	-446	-0.8%

The preparation of this report has been financed in part through grant(s) from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) through the U.S. Department of Transportation (DOT). The contents of this report reflect the views of the author who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of SCAG or DOT. This report does not constitute a standard, specification or regulation.

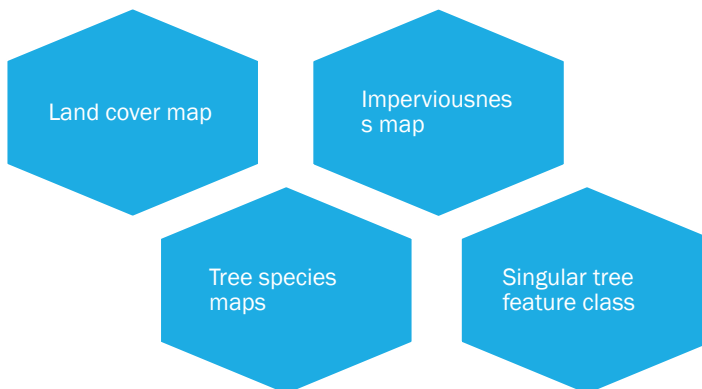
NEW GIS DATASETS OF ORANGE COUNTY

--PRODUCED FROM REMOTE SENSING IMAGES AND LIDAR POINT CLOUD

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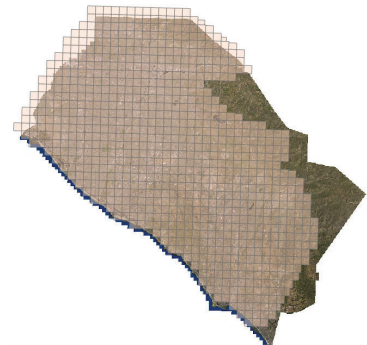
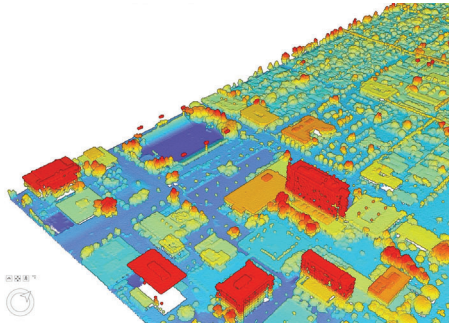


DATA PRODUCTS



REMOTE SENSING DATA SOURCES

- LiDAR point cloud
- 868 tiles
- A point records xyz coordinates of a spatial object
- Aerial images
- 4447 tiles
- 4 bands spectrum reflection, red, green, blue and infra red



LAND COVER MAP

Vector map

7 classes

- 0 Unclassified, not exported
- 1 Building footprint
- 2 Road
- 3 Tree
- 4 Grass
- 5 Big water body
- 6 Swimming pool



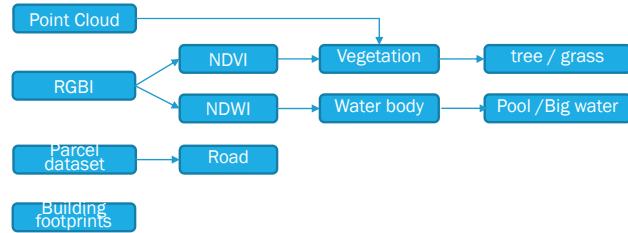
Land cover map:

<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=510276f1f5c747cbbe6f644386a55806>

SOURCE DATA

- Images
 - Eagle Aerial 2018
 - band: RGBI
 - 0.25 feet resolution
- LiDAR point clouds
 - USGS 2011
 - 7 returns
 - 1 meter resolution
- Parcel feature class
 - OC GIS database
- Footprint feature class
 - Microsoft produced 2011
 - polygon with attributes of heights

Data preprocessing and data fusion



QAQC

- 1 Building footprint of 2011, updated new buildings desktop on 2018 images. Some data has no height entry.
- 2 Checked the height of buildings and found the noises of LiDAR point clouds. Filtered the noises and updated height values.
- 3 Some parcel polygons turn out to be part of interior road and have been appended to road dataset.

IMPERVIOUSNESS MAP

This is a 3 meter resolution raster map. The value of a pixel ranges from 0~100, corresponding to the imperviousness.

Impervious surfaces refer to any hard surfaces including roads, parking lots, drive ways, building roofs, etc., which do not allow storm water to infiltrate.

- 0 means that water can be absorbed by the surface totally
- 100 means that water cannot infiltrate the surface totally



SOURCE DATA

- [Imperviousness product](#)
National Land Cover Database (NLCD)
30 meter resolution
covers developed surface
2016
descriptors
- [Orange County Land Cover Map](#)
different class names scheme

OC imperviousness descriptor

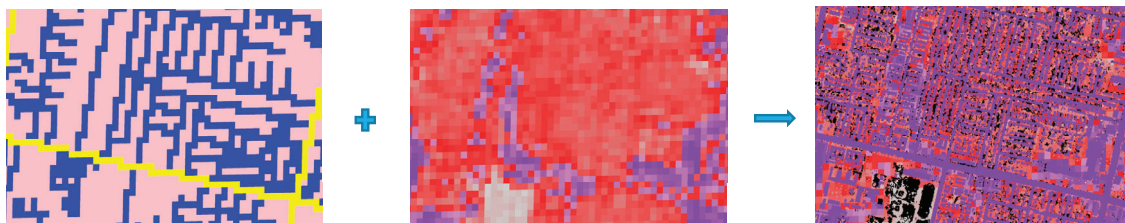
Code	Class name
0	Unclassified (parking lots, drive ways, yards, open spaces)
1	Building
2	Road
3	Tree
4	Grass
5	Big water
6	water

NLCD imperviousness descriptor

Code	Class name
0	Unclassified (forests, parks, big water bodies)
1	Primary road in urban area
2	Primary road outside urban area
3	Secondary road in urban area
4	Secondary road outside urban area
5	Tertiary road in urban area
6	Tertiary road outside urban area
9	Nonroad imp in urban area
10	Nonroad imp outside urban area
11	Energy production site in urban area
12	Energy production site outside urban area

Data fusion

- Polygon to raster conversion for each class respectively.
- Building footprints, roads assigned as 100% impervious surfaces.
- Water bodies assigned as 0% impervious surfaces.
- Vegetations assigned as 0%~100% impervious surfaces, by zonal statistics on 10 times linear interpolated NLCD imperviousness.
- Bare soils (undeveloped surfaces) assigned the NLCD imperviousness.



OC TREE CANOPY FEATURE LAYER

Individual trees represented by point feature class.

- Each point for each individual tree
- Over 1.6 million trees
- Attribute include canopy width and tree height in US foot
- It is easy to buffer the points to circles in 2D map or to symbolize as 3D thematic tree models in 3D scene



Open data:

<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=cb28664d4cef4527bcea84fa197526ce>

SOURCE DATA

- LIDAR point clouds
 - USGS 2011
 - 7 returns
 - 1 meter resolution

Individual tree canopy extraction

- Trees only LiDAR point cloud -> raster
- Raster processing approaches to get each tree's 2D canopy polygon
- Geometric parameters of the canopies calculation based on the raster
- QAQC

TREE SPECIES MAPS

Clipped tree images from aerial image with individual tree features, and identified each image clip as Palm, Jacaranda or others,

- Deep learning with Tensorflow package
- 1000+ Training samples
- Over 203,672 Palm trees, 15,299 Jacaranda trees, and over 69,133 Eucalyptus trees
- Published two DL models
- Open data link:

Jacaranda

<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=af038a5e24144440bd7ceaf75dc7e664>

Palm


<https://ocpw.maps.arcgis.com/apps/mapviewer/index.html?layers=3fa91035aa96419c8a98615b2106d5cd>



More to come

Remote sensing data together with other new data sources will see much more applications in spatial, environmental problems and sciences. We will work to provide more data to serve our communities and publics.

Thank you for your time.



Number of Residents in the Labor Force for Cities and Census Designated Places (CDP), Orange County, California

	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 Jun	2019 Jul	2019 Aug	2019 Sep	2019 Oct	2019 Nov	2019 Dec	2020 Jan	2020 Feb	2020 Mar	2020 Apr	2020 May	2020 Jun
Aliso Viejo	30,500	30,700	30,600	30,300	30,300	30,400	30,600	30,500	30,700	30,700	30,700	30,700	30,500	30,600	29,900	28,700	28,600	29,400
Anaheim	171,800	172,700	172,200	170,500	170,700	170,900	172,300	171,200	172,500	172,800	172,700	172,700	171,700	172,000	168,300	165,500	168,600	173,800
Brea	23,200	23,300	23,200	23,000	23,100	23,100	23,300	23,100	23,300	23,300	23,300	23,300	23,200	23,300	22,700	22,000	22,200	22,800
Buena Park	40,400	40,600	40,500	40,100	40,100	40,200	40,500	40,300	40,500	40,600	40,500	40,600	40,400	40,500	39,600	39,400	39,700	40,900
Costa Mesa	66,100	66,500	66,200	65,700	65,700	65,700	66,200	65,900	66,400	66,500	66,400	66,500	66,100	66,200	64,700	63,000	62,600	64,200
Coto de Caza CDP	7,700	7,700	7,700	7,600	7,600	7,600	7,700	7,700	7,700	7,700	7,700	7,700	7,700	7,700	7,500	7,200	7,300	7,500
Cypress	25,200	25,300	25,200	24,900	24,900	25,000	25,200	25,100	25,300	25,300	25,300	25,300	25,100	25,200	24,600	24,100	24,200	25,000
Dana Point	18,800	18,900	18,900	18,700	18,700	18,700	18,800	18,700	18,900	18,900	18,900	18,900	18,800	18,800	18,400	17,900	17,700	18,200
Fountain Valley	28,400	28,500	28,400	28,200	28,100	28,200	28,500	28,300	28,500	28,600	28,600	28,500	28,400	28,400	27,800	27,300	27,500	28,200
Fullerton	70,500	70,800	70,600	69,900	70,000	70,200	70,700	70,300	70,800	70,900	70,800	70,800	70,400	70,500	68,900	67,900	68,200	70,300
Garden Grove	81,800	82,200	82,000	81,200	81,300	81,400	82,100	81,600	82,100	82,300	82,200	82,200	81,800	81,900	80,300	81,400	83,000	85,200
Huntington Beach	109,200	109,600	109,300	108,400	108,400	108,500	109,400	108,800	109,600	109,900	109,700	109,800	109,100	109,200	106,800	104,100	104,000	106,800
Irvine	148,200	148,900	148,400	147,200	147,300	147,600	148,700	147,900	149,000	149,200	149,000	149,000	148,200	148,400	145,000	136,200	137,000	142,100
La Habra	31,000	31,200	31,100	30,800	30,800	30,900	31,100	30,900	31,100	31,200	31,200	31,200	31,000	31,100	30,500	29,500	29,700	30,600
La Palma	7,800	7,800	7,800	7,700	7,700	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,600	7,400	7,400	7,600
Laguna Beach	12,600	12,700	12,700	12,500	12,500	12,600	12,600	12,600	12,700	12,700	12,700	12,700	12,600	12,600	12,300	11,800	11,700	12,100
Laguna Hills	17,100	17,100	17,100	17,000	17,000	17,000	17,100	17,000	17,200	17,200	17,200	17,200	17,100	17,100	16,700	16,000	15,900	16,400
Laguna Niguel	35,700	35,900	35,800	35,500	35,500	35,500	35,800	35,600	35,900	35,900	35,900	35,900	35,700	35,700	34,900	33,500	33,400	34,400
Laguna Woods	3,200	3,200	3,200	3,100	3,100	3,100	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,100	2,900	2,900	3,000
Lake Forest	49,200	49,500	49,400	49,000	49,000	49,000	49,400	49,100	49,500	49,600	49,600	49,600	49,300	49,300	48,200	45,600	45,600	47,000
Las Flores CDP	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,000	2,700	2,700	2,800
Los Alamitos	5,900	5,900	5,900	5,800	5,800	5,800	5,900	5,800	5,900	5,900	5,900	5,900	5,900	5,900	5,700	5,600	5,600	5,800
Mission Viejo	49,900	50,100	49,900	49,500	49,500	49,600	50,000	49,700	50,100	50,200	50,000	50,100	49,800	49,900	48,700	46,900	46,800	48,200
Newport Beach	45,200	45,400	45,200	44,900	44,900	44,900	45,200	45,000	45,300	45,400	45,300	45,400	45,100	45,200	44,100	41,600	41,400	42,900
Orange	72,500	72,800	72,600	71,900	71,900	72,100	72,600	72,200	72,700	72,900	72,800	72,800	72,500	72,500	70,900	67,700	68,100	70,400
Placentia	25,900	26,100	26,000	25,700	25,700	25,800	26,000	25,900	26,000	26,100	26,000	26,000	25,900	25,900	25,300	24,400	24,700	25,400
Rancho Santa Margarita	27,800	28,000	27,900	27,600	27,600	27,700	27,900	27,700	27,900	28,000	28,000	28,000	27,800	27,900	27,200	26,000	25,900	26,700
Rossmoor CDP	5,300	5,400	5,300	5,300	5,300	5,300	5,300	5,300	5,400	5,400	5,400	5,400	5,300	5,300	5,200	5,000	5,000	5,100
San Clemente	31,900	32,000	31,900	31,700	31,700	31,800	32,000	31,900	32,100	32,100	32,100	32,100	32,000	32,000	31,200	30,300	30,100	30,900
San Juan Capistrano	17,300	17,400	17,300	17,200	17,200	17,200	17,400	17,300	17,400	17,400	17,400	17,400	17,300	17,300	16,900	16,300	16,200	16,600
Santa Ana	158,300	159,100	158,600	157,200	157,200	157,400	158,800	157,800	158,900	159,200	159,000	159,100	158,200	158,400	154,800	150,700	151,200	155,600
Seal Beach	10,000	10,100	10,000	9,900	9,900	10,000	10,000	10,000	10,100	10,100	10,100	10,100	10,000	10,000	9,800	9,400	9,300	9,700
Stanton	18,500	18,600	18,600	18,400	18,400	18,400	18,600	18,500	18,600	18,600	18,600	18,600	18,600	18,600	18,200	18,100	18,300	18,800
Tustin	42,800	43,000	42,900	42,500	42,500	42,500	42,900	42,600	43,000	43,000	43,000	43,000	42,800	42,900	41,900	40,500	40,500	41,600
Villa Park	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,400	2,400	2,400	2,500
Westminster	42,000	42,100	42,000	41,600	41,600	41,700	42,000	41,800	42,100	42,200	42,100	42,200	42,000	42,000	41,200	42,100	42,700	43,800
Yorba Linda	35,000	35,200	35,100	34,800	34,800	34,900	35,100	35,000	35,200	35,300	35,200	35,300	35,100	35,100	34,300	32,400	32,500	33,600
Unincorporated	66,600	59,100	66,500	65,900	66,000	65,600	66,300	66,000	66,700	66,500	66,400	66,700	66,200	66,000	64,800	61,700	62,000	64,100
Orange County	1,622,800	1,622,800	1,625,500	1,610,800	1,611,400	1,613,700	1,626,500	1,617,600	1,629,500	1,632,000	1,630,100	1,631,100	1,622,100	1,623,900	1,587,700	1,540,300	1,547,600	1,594,600
County monthly change		0	2,700	-14,700	600	2,300	12,800	-8,900	11,900	2,500	-1,900	1,000	-9,000	1,800	-36,200	-47,400	7,300	47,000
County year/year change													-0.6%	0.1%	-2.2%	-2.9%	0.5%	2.9%

Source: CA State Employment Development Department, Labor Market Information Division; March 2019 Benchmark. January 2021 <http://www.labormarketinfo.edd.ca.gov>

Notes:

- 1) Data may not add due to rounding.
- 2) These data are not seasonally adjusted.
- 3) CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Methodology: Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs' were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and CDP as at the county level (i.e., that the shares are still accurate). If this assumption is not true for a specific city or CDP, then the estimates for that area may not represent the

Number of Residents in the Labor Force for Cities and Census Designated Places (CDP), Orange County, California

	2020 Jul	2020 Aug	2020 Sep	2020 Oct	2020 Nov	2020 Dec	2021 Jan	2021 Feb	2021 Mar	2021 Apr	2021 May	2021 Jun	2021 Jul	2021 Aug	2021 Sep (Prelim)
Aliso Viejo	29,300	28,600	28,900	30,000	29,700	29,800	28,100	28,500	28,400	28,300	28,600	28,800	29,200	29,000	29,200
Anaheim	173,500	168,000	169,600	175,600	171,000	171,400	162,600	165,400	164,700	164,100	165,900	167,400	169,700	168,100	168,500
Brea	22,800	22,200	22,300	23,100	22,700	22,700	21,600	21,900	21,900	21,900	22,200	22,400	22,700	22,500	22,500
Buena Park	40,900	39,500	39,800	41,100	40,200	40,300	38,100	38,800	38,700	38,400	38,800	39,200	39,700	39,400	39,500
Costa Mesa	64,100	62,600	63,100	65,500	64,600	65,000	61,700	62,500	62,300	62,200	63,000	63,400	64,400	63,900	64,200
Coto de Caza CDP	7,500	7,300	7,400	7,700	7,500	7,500	6,900	7,400	7,400	7,400	7,400	7,500	7,600	7,600	7,600
Cypress	24,800	24,200	24,400	25,200	24,800	24,900	23,700	24,000	24,000	23,900	24,200	24,400	24,800	24,600	24,600
Dana Point	18,200	17,700	17,900	18,600	18,300	18,400	17,500	17,800	17,700	17,700	17,900	18,000	18,300	18,200	18,200
Fountain Valley	28,000	27,300	27,400	28,400	27,900	28,000	26,500	26,800	26,800	26,700	27,100	27,300	27,700	27,600	27,600
Fullerton	70,200	68,100	68,600	71,000	69,500	69,700	66,100	67,200	67,000	66,800	67,500	68,100	69,100	68,500	68,600
Garden Grove	84,200	81,200	81,600	83,500	81,400	82,300	77,800	78,800	78,600	78,400	79,500	80,300	81,300	80,500	80,600
Huntington Beach	106,400	103,800	104,600	108,500	106,900	107,500	101,900	103,300	103,300	103,000	104,000	104,800	106,200	105,400	105,600
Irvine	142,100	139,000	140,400	146,300	144,400	144,200	139,800	142,600	142,600	142,300	144,100	145,300	147,500	146,600	147,100
La Habra	30,600	29,800	30,100	31,300	30,700	30,800	28,600	29,100	29,000	28,900	29,200	29,400	29,800	29,600	29,600
La Palma	7,600	7,400	7,500	7,800	7,600	7,700	7,400	7,400	7,400	7,300	7,400	7,500	7,600	7,500	7,600
Laguna Beach	12,000	11,800	11,900	12,300	12,200	12,200	11,600	11,800	11,800	11,800	11,900	12,100	12,200	12,200	12,200
Laguna Hills	16,400	16,100	16,200	16,900	16,700	16,700	16,100	16,300	16,300	16,200	16,400	16,500	16,800	16,700	16,700
Laguna Niguel	34,300	33,600	33,900	35,300	34,800	34,800	33,400	33,900	33,900	33,800	34,200	34,400	35,000	34,700	34,800
Laguna Woods	3,000	3,000	3,000	3,100	3,100	3,100	3,200	2,900	2,900	2,900	3,000	3,000	3,000	3,000	3,000
Lake Forest	47,000	46,200	46,600	48,600	48,000	48,100	45,900	46,700	46,700	46,500	47,000	47,400	48,200	47,800	47,900
Las Flores CDP	2,800	2,800	2,800	3,000	2,900	2,900	2,700	2,900	2,900	2,900	2,900	2,900	3,000	2,900	3,000
Los Alamitos	5,800	5,600	5,700	5,900	5,800	5,800	5,400	5,400	5,400	5,300	5,400	5,500	5,500	5,500	5,500
Mission Viejo	48,100	47,000	47,400	49,300	48,600	48,800	46,200	46,900	46,900	46,600	47,200	47,600	48,300	48,000	48,000
Newport Beach	42,900	42,100	42,500	44,400	43,800	43,900	41,500	42,200	42,200	42,000	42,500	42,800	43,500	43,300	43,500
Orange	70,300	68,700	69,300	72,200	71,000	71,100	67,400	68,700	68,400	68,000	68,900	69,500	70,600	70,000	70,200
Placentia	25,400	24,700	25,000	26,000	25,500	25,500	24,100	24,500	24,500	24,400	24,700	24,800	25,200	25,000	25,100
Rancho Santa Margarita	26,500	26,000	26,200	27,300	27,000	27,100	25,600	26,100	26,100	26,000	26,300	26,500	26,900	26,700	26,700
Rossmoor CDP	5,100	5,000	5,100	5,300	5,200	5,200	4,800	4,900	4,800	4,800	4,900	4,900	5,000	5,000	5,000
San Clemente	30,800	30,100	30,300	31,500	31,100	31,300	29,900	30,300	30,200	30,000	30,400	30,600	31,100	30,900	31,000
San Juan Capistrano	16,600	16,300	16,400	17,100	16,900	16,900	16,100	16,300	16,300	16,300	16,400	16,600	16,800	16,700	16,700
Santa Ana	155,400	151,500	152,900	159,000	156,400	156,900	149,300	151,700	151,500	150,500	152,000	153,200	155,500	154,000	154,700
Seal Beach	9,700	9,400	9,500	9,900	9,800	9,800	9,300	9,500	9,400	9,400	9,500	9,600	9,700	9,700	9,700
Stanton	18,700	18,100	18,300	18,800	18,400	18,600	17,600	17,800	17,900	17,800	18,000	18,100	18,400	18,200	18,300
Tustin	41,600	40,600	41,000	42,700	42,000	42,100	40,000	40,600	40,600	40,500	41,000	41,300	41,900	41,600	41,900
Villa Park	2,500	2,400	2,400	2,500	2,500	2,500	2,500	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Westminster	43,200	41,600	41,800	42,600	41,600	42,200	40,200	40,600	40,500	40,500	41,100	41,500	42,000	41,500	41,600
Yorba Linda	33,600	33,000	33,200	34,500	34,000	34,000	32,500	33,000	33,100	32,900	33,300	33,600	34,100	33,800	33,900
Unincorporated	64,000	62,500	63,100	65,500	64,500	64,600	61,200	63,400	63,200	62,900	63,600	63,900	64,900	64,800	64,800
Orange County	1,590,500	1,549,700	1,562,800	1,621,300	1,593,400	1,598,700	1,520,400	1,545,100	1,542,600	1,536,600	1,554,600	1,567,200	1,590,000	1,577,900	1,582,000
County monthly change	-4,100	-40,800	13,100	58,500	-27,900	5,300	-78,300	24,700	-2,500	-6,000	18,000	12,600	22,800	-12,100	4,100
County year/year change	-0.3%	-2.5%	0.8%	3.6%	-1.7%	0.3%	-4.8%	1.5%	-0.2%	-0.4%	1.2%	0.8%	1.4%	-0.8%	0.3%

Number of Unemployed Residents for Cities and Census Designated Places (CDP), Orange County, California

	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Aliso Viejo	900	800	900	700	600	800	800	800	700	700	700	700	800	800	1,000	3,600	3,700	3,400	3,000
Anaheim	5,900	5,400	5,600	4,500	4,500	5,300	5,700	5,300	4,600	4,800	4,800	4,500	5,200	5,100	6,700	25,200	29,100	28,300	26,200
Brea	700	700	700	500	500	600	700	700	600	600	600	500	700	700	800	3,000	3,300	3,100	2,800
Buena Park	1,500	1,400	1,400	1,100	1,100	1,300	1,400	1,300	1,100	1,200	1,100	1,100	1,300	1,300	1,700	6,500	6,900	6,800	6,300
Costa Mesa	2,000	1,800	1,800	1,500	1,500	1,700	1,800	1,800	1,500	1,600	1,500	1,500	1,700	1,700	2,200	8,700	8,600	8,000	7,100
Coto de Caza CDP	200	200	200	200	200	200	200	200	200	200	200	200	200	200	300	1,000	1,000	1,000	900
Cypress	900	800	800	600	600	700	800	800	700	700	700	600	700	700	900	3,600	3,800	3,700	3,300
Dana Point	600	500	500	400	400	500	500	500	400	400	400	400	500	500	700	2,400	2,400	2,200	2,000
Fountain Valley	900	800	900	700	700	800	900	900	700	800	800	700	800	800	1,100	4,100	4,400	4,200	3,700
Fullerton	2,400	2,100	2,200	1,800	1,800	2,200	2,400	2,200	1,900	1,900	1,900	1,700	2,000	2,000	2,500	10,300	10,900	10,500	9,700
Garden Grove	2,900	2,600	2,700	2,200	2,200	2,600	2,800	2,700	2,200	2,400	2,300	2,200	2,600	2,500	3,400	14,700	16,600	15,900	14,100
Huntington Beach	3,600	3,200	3,200	2,700	2,600	3,100	3,400	3,200	2,800	3,000	2,800	2,700	3,100	3,000	4,000	14,800	15,100	14,200	12,600
Irvine	4,500	4,100	4,100	3,500	3,400	4,200	4,500	4,200	3,700	3,800	3,600	3,300	4,100	3,900	5,100	14,700	16,100	16,100	14,500
La Habra	1,000	1,000	1,000	800	800	900	1,000	900	800	800	800	800	900	900	1,200	4,100	4,500	4,300	4,000
La Palma	300	200	200	200	200	200	200	200	200	200	200	200	200	200	300	1,000	1,100	1,000	900
Laguna Beach	400	400	400	300	300	300	400	300	300	300	300	300	300	300	400	1,400	1,400	1,300	1,200
Laguna Hills	500	400	500	400	400	400	400	400	400	400	400	400	400	400	500	1,900	2,000	1,900	1,700
Laguna Niguel	1,100	1,000	1,100	900	800	1,000	1,100	1,000	900	900	900	800	1,000	900	1,200	4,300	4,300	4,100	3,600
Laguna Woods	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	300	300	300	300
Lake Forest	1,400	1,300	1,400	1,100	1,100	1,300	1,400	1,300	1,100	1,200	1,100	1,000	1,300	1,200	1,600	5,200	5,300	5,000	4,500
Las Flores CDP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	100
Los Alamitos	200	200	200	200	100	200	200	200	200	200	200	100	200	200	200	800	900	800	700
Mission Viejo	1,600	1,500	1,500	1,200	1,200	1,500	1,600	1,500	1,300	1,300	1,300	1,200	1,400	1,400	1,800	6,200	6,300	5,900	5,300
Newport Beach	1,300	1,200	1,200	1,000	1,000	1,100	1,200	1,200	1,000	1,000	1,000	900	1,200	1,100	1,500	4,500	4,600	4,400	4,000
Orange	2,400	2,100	2,100	1,800	1,700	2,100	2,300	2,100	1,800	1,900	1,900	1,700	2,100	2,000	2,600	8,400	9,100	8,800	8,000
Placentia	900	800	800	700	700	800	800	800	700	700	700	600	700	700	900	3,200	3,600	3,400	3,100
Rancho Santa Margarita	800	800	800	600	600	700	800	700	600	600	700	600	800	800	900	3,200	3,200	3,000	2,600
Rossmoor CDP	100	100	100	100	100	100	100	100	100	100	100	100	100	100	200	600	600	600	500
San Clemente	1,000	900	900	700	700	900	900	900	800	800	800	800	900	900	1,100	4,200	4,100	3,700	3,300
San Juan Capistrano	500	500	500	400	400	500	500	500	400	400	400	400	400	400	600	2,100	2,100	1,900	1,800
Santa Ana	5,300	4,900	5,000	4,100	3,900	4,800	5,200	4,800	4,100	4,300	4,200	3,900	4,600	4,500	5,800	21,200	22,500	21,400	19,500
Seal Beach	400	300	300	300	300	300	400	400	300	300	300	300	300	300	400	1,200	1,200	1,200	1,100
Stanton	700	600	600	500	500	600	600	600	500	500	500	500	600	600	700	2,900	3,300	3,100	2,800
Tustin	1,400	1,200	1,300	1,000	1,000	1,200	1,200	1,200	1,000	1,100	1,000	1,000	1,200	1,200	1,500	5,500	5,700	5,300	4,800
Villa Park	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	400	400	400	300
Westminster	1,500	1,400	1,400	1,200	1,100	1,300	1,400	1,400	1,200	1,200	1,200	1,200	1,400	1,300	1,800	7,800	8,600	8,300	7,200
Yorba Linda	1,000	1,000	1,000	800	800	900	1,000	1,000	800	900	800	800	900	900	1,200	3,600	3,900	3,800	3,500
Unincorporated	2,500	2,100	1,900	2,000	1,400	2,300	2,200	2,100	1,500	1,900	1,700	1,500	2,100	2,100	2,500	7,600	7,800	7,900	7,300
Orange County	53,200	48,200	49,100	40,600	39,100	47,300	50,700	48,100	41,000	43,000	41,800	39,100	46,600	45,500	59,000	212,600	227,100	217,600	196,800
County monthly change		-5,000	900	-8,500	-1,500	8,200	3,400	-2,600	-7,100	2,000	-1,200	-2,700	7,500	-1,100	13,500	153,600	14,500	-9,500	-20,800
County year/year change													14.1%	-2.3%	27.5%	378.3%	37.1%	-20.1%	-41.0%

Notes:

- 1) Data may not add due to rounding.
- 2) These data are not seasonally adjusted.
- 3) CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Methodology: Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs' were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and CDP as at the county level (i.e., that the shares are still accurate). If this assumption is not true for a specific city or CDP, then the estimates for that area may not represent the current economic conditions. Since this assumption is untested, caution should be employed when using these data.

Number of Unemployed Residents for Cities and Census Designated Places (CDP), Orange County, California

	2020	2020	2020	2020	2020	2021	2021	2021	2021	2021	2021	2021	2021	2021
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Aliso Viejo	2,200	2,000	1,700	1,600	1,900	1,900	1,700	1,500	1,500	1,400	1,500	1,500	1,400	1,200
Anaheim	19,800	19,200	16,700	13,300	15,000	13,800	13,300	12,100	11,900	11,400	12,700	12,400	11,600	10,000
Brea	2,100	1,900	1,600	1,300	1,500	1,500	1,300	1,300	1,400	1,300	1,500	1,400	1,400	1,100
Buena Park	4,700	4,500	3,800	3,200	3,600	3,300	3,200	3,000	2,800	2,600	3,000	2,900	2,800	2,400
Costa Mesa	5,300	5,000	4,100	3,700	4,600	4,300	3,800	3,400	3,400	3,300	3,600	3,600	3,400	2,900
Coto de Caza CDP	700	600	500	500	500	400	400	400	400	300	400	400	400	300
Cypress	2,500	2,400	2,000	1,700	2,000	1,800	1,600	1,500	1,500	1,400	1,600	1,600	1,600	1,300
Dana Point	1,400	1,400	1,100	1,000	1,200	1,200	1,100	900	900	900	1,000	1,000	900	800
Fountain Valley	2,700	2,500	2,100	1,800	2,100	2,000	1,700	1,600	1,700	1,600	1,800	1,800	1,800	1,500
Fullerton	7,200	6,900	5,800	4,800	5,500	5,200	4,900	4,500	4,400	4,200	4,800	4,600	4,400	3,700
Garden Grove	10,700	10,000	7,900	6,400	7,800	7,100	6,500	6,100	6,000	6,100	6,700	6,600	6,100	5,200
Huntington Beach	9,400	8,900	7,300	6,500	8,000	7,500	6,700	6,400	6,300	5,900	6,500	6,300	6,000	4,900
Irvine	10,700	10,100	8,800	7,900	8,800	8,200	8,000	7,600	7,600	7,400	8,500	8,300	8,100	6,800
La Habra	3,000	2,900	2,500	2,200	2,500	2,400	2,200	2,000	2,000	1,900	2,100	2,000	1,900	1,600
La Palma	700	700	600	500	600	500	400	400	400	400	400	400	400	300
Laguna Beach	900	800	600	600	700	700	600	600	600	600	700	600	600	600
Laguna Hills	1,300	1,200	1,100	1,000	1,100	1,000	1,000	900	800	800	900	900	900	700
Laguna Niguel	2,700	2,600	2,200	1,900	2,300	2,200	2,000	1,900	1,900	1,700	2,000	2,000	1,900	1,600
Laguna Woods	200	200	200	100	200	200	200	100	100	100	100	100	100	100
Lake Forest	3,400	3,200	2,700	2,500	3,000	2,800	2,700	2,600	2,500	2,300	2,700	2,700	2,500	2,100
Las Flores CDP	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Los Alamitos	600	500	400	400	500	400	400	300	300	300	400	400	300	300
Mission Viejo	3,900	3,600	3,100	2,800	3,400	3,100	2,800	2,700	2,500	2,400	2,800	2,800	2,700	2,100
Newport Beach	3,000	2,800	2,400	2,100	2,500	2,400	2,300	2,100	2,000	1,900	2,100	2,100	2,200	1,900
Orange	6,000	5,700	5,100	4,300	5,000	4,700	4,400	4,100	3,800	3,700	4,200	4,200	3,900	3,300
Placentia	2,300	2,200	2,000	1,700	1,900	1,800	1,600	1,600	1,500	1,400	1,500	1,500	1,400	1,200
Rancho Santa Margarita	1,900	1,700	1,500	1,300	1,600	1,500	1,500	1,400	1,300	1,300	1,400	1,400	1,300	1,000
Rossmoor CDP	400	400	300	300	300	300	300	300	300	300	300	300	300	300
San Clemente	2,500	2,200	1,900	1,700	2,100	2,100	2,000	1,800	1,700	1,600	1,800	1,700	1,700	1,400
San Juan Capistrano	1,300	1,200	1,000	900	1,100	1,000	900	800	900	800	900	900	800	700
Santa Ana	14,800	14,200	12,500	11,000	12,700	11,700	11,000	10,400	9,700	9,000	10,100	9,900	9,200	8,000
Seal Beach	800	800	700	600	700	700	700	600	600	600	600	600	600	500
Stanton	2,100	2,100	1,700	1,400	1,800	1,500	1,400	1,400	1,300	1,300	1,400	1,400	1,300	1,100
Tustin	3,500	3,400	3,000	2,600	3,000	2,900	2,600	2,600	2,500	2,400	2,700	2,600	2,500	2,300
Villa Park	200	200	200	200	200	300	100	100	100	100	100	100	100	100
Westminster	5,500	5,100	3,800	3,200	4,100	3,900	3,500	3,200	3,400	3,400	3,700	3,600	3,300	2,900
Yorba Linda	2,600	2,300	2,000	1,700	2,000	2,000	1,800	1,700	1,600	1,600	1,800	1,800	1,700	1,400
Unincorporated	5,200	5,000	4,200	3,600	4,100	3,700	4,000	4,100	3,600	3,400	4,000	3,800	4,000	2,800
Orange County	147,100	139,400	118,300	101,500	119,100	111,300	103,900	97,300	94,500	90,500	101,600	99,500	94,800	79,800
County monthly change	-49,700	-7,700	-21,100	-16,800	17,600	-7,800	-7,400	-6,600	-2,800	-4,000	11,100	-2,100	-4,700	-15,000
County year/year change	-103.3%	-18.8%	-49.1%	-40.2%	45.0%	-16.7%	-16.3%	-11.2%	-1.3%	-1.8%	5.1%	-1.1%	-3.2%	-10.8%
									5.7%	5.3%	6.3%	5.9%	6.2%	4.3%

Unemployment Rates for Cities and Census Designated Places (CDP), Orange County, California

	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 Jun	2019 Jul	2019 Aug	2019 Sep	2019 Oct	2019 Nov	2019 Dec	2020 Jan	2020 Feb	2020 Mar	2020 Apr	2020 May	2020 Jun	2020 Jul
Aliso Viejo	3.0%	2.7%	2.8%	2.3%	2.1%	2.6%	2.8%	2.8%	2.3%	2.3%	2.3%	2.1%	2.5%	2.5%	3.4%	12.7%	13.0%	11.6%	10.2%
Anaheim	3.4%	3.2%	3.3%	2.7%	2.6%	3.1%	3.3%	3.1%	2.7%	2.8%	2.8%	2.6%	3.0%	3.0%	4.0%	15.2%	17.2%	16.3%	15.1%
Brea	3.2%	2.8%	2.8%	2.4%	2.3%	2.7%	2.9%	2.9%	2.4%	2.5%	2.4%	2.2%	2.8%	2.8%	3.6%	13.7%	14.9%	13.6%	12.4%
Buena Park	3.7%	3.3%	3.4%	2.8%	2.8%	3.2%	3.5%	3.3%	2.8%	2.8%	2.8%	2.7%	3.3%	3.2%	4.3%	16.5%	17.4%	16.6%	15.5%
Costa Mesa	3.0%	2.7%	2.8%	2.3%	2.2%	2.6%	2.8%	2.7%	2.3%	2.4%	2.3%	2.2%	2.6%	2.6%	3.4%	13.9%	13.8%	12.4%	11.1%
Coto de Caza CDP	3.1%	2.8%	2.9%	2.4%	2.3%	2.8%	3.0%	2.8%	2.4%	2.5%	2.4%	2.3%	2.7%	2.7%	3.5%	13.2%	14.0%	13.0%	11.8%
Cypress	3.6%	3.1%	3.0%	2.5%	2.4%	3.0%	3.3%	3.2%	2.7%	2.8%	2.7%	2.5%	2.9%	2.9%	3.7%	14.9%	15.5%	14.7%	13.2%
Dana Point	3.1%	2.8%	2.8%	2.4%	2.2%	2.7%	2.8%	2.6%	2.2%	2.3%	2.3%	2.2%	2.8%	2.6%	3.5%	13.7%	13.3%	12.0%	10.8%
Fountain Valley	3.2%	2.9%	3.0%	2.5%	2.4%	2.9%	3.2%	3.1%	2.6%	2.7%	2.8%	2.5%	2.9%	2.9%	3.9%	15.0%	15.9%	14.8%	13.1%
Fullerton	3.4%	3.0%	3.1%	2.6%	2.5%	3.1%	3.3%	3.1%	2.6%	2.7%	2.6%	2.5%	2.9%	2.8%	3.7%	15.2%	16.0%	15.0%	13.8%
Garden Grove	3.5%	3.2%	3.3%	2.7%	2.7%	3.2%	3.4%	3.3%	2.7%	2.9%	2.8%	2.6%	3.1%	3.1%	4.2%	18.0%	20.0%	18.7%	16.7%
Huntington Beach	3.3%	2.9%	3.0%	2.5%	2.4%	2.9%	3.1%	3.0%	2.5%	2.7%	2.6%	2.4%	2.9%	2.8%	3.7%	14.2%	14.5%	13.3%	11.9%
Irvine	3.1%	2.8%	2.8%	2.4%	2.3%	2.8%	3.1%	2.9%	2.5%	2.6%	2.4%	2.2%	2.7%	2.6%	3.5%	10.8%	11.8%	11.3%	10.2%
La Habra	3.4%	3.1%	3.3%	2.7%	2.5%	3.0%	3.2%	3.0%	2.5%	2.6%	2.6%	2.5%	3.0%	3.0%	4.1%	14.0%	15.0%	13.9%	12.9%
La Palma	3.2%	2.9%	3.0%	2.5%	2.4%	2.9%	3.1%	2.9%	2.5%	2.6%	2.5%	2.3%	2.8%	2.8%	3.6%	13.6%	14.4%	13.4%	12.2%
Laguna Beach	3.2%	2.9%	3.0%	2.4%	2.2%	2.7%	2.8%	2.6%	2.2%	2.2%	2.2%	2.0%	2.4%	2.5%	3.3%	12.0%	12.1%	11.0%	9.8%
Laguna Hills	3.1%	2.5%	2.6%	2.2%	2.1%	2.6%	2.6%	2.5%	2.2%	2.4%	2.3%	2.1%	2.6%	2.5%	3.3%	12.1%	12.6%	11.5%	10.3%
Laguna Niguel	3.2%	2.8%	3.0%	2.5%	2.4%	2.8%	3.1%	2.9%	2.5%	2.6%	2.6%	2.3%	2.7%	2.6%	3.6%	12.8%	12.9%	11.9%	10.6%
Laguna Woods	2.2%	2.0%	2.0%	1.7%	1.6%	1.9%	2.1%	2.0%	1.7%	1.7%	1.7%	1.6%	1.9%	1.9%	2.5%	9.5%	10.1%	9.4%	8.5%
Lake Forest	2.8%	2.7%	2.8%	2.3%	2.2%	2.6%	2.8%	2.6%	2.2%	2.4%	2.3%	2.1%	2.5%	2.4%	3.2%	11.3%	11.7%	10.7%	9.7%
Las Flores CDP	1.0%	0.9%	1.0%	0.8%	0.8%	1.0%	1.0%	0.9%	0.8%	0.8%	0.8%	0.8%	0.9%	0.9%	1.2%	4.8%	5.1%	4.7%	4.2%
Los Alamitos	3.4%	3.1%	3.2%	2.6%	2.5%	3.1%	3.3%	3.1%	2.6%	2.7%	2.7%	2.5%	3.0%	2.9%	3.9%	14.4%	15.3%	14.2%	12.9%
Mission Viejo	3.3%	2.9%	3.0%	2.5%	2.4%	3.0%	3.1%	3.0%	2.6%	2.7%	2.5%	2.4%	2.8%	2.8%	3.7%	13.1%	13.4%	12.3%	11.0%
Newport Beach	3.0%	2.6%	2.6%	2.3%	2.2%	2.6%	2.7%	2.6%	2.2%	2.3%	2.2%	2.1%	2.6%	2.5%	3.3%	10.8%	11.0%	10.4%	9.3%
Orange	3.3%	2.9%	2.9%	2.5%	2.3%	2.9%	3.1%	2.9%	2.5%	2.6%	2.5%	2.4%	2.9%	2.8%	3.6%	12.3%	13.4%	12.6%	11.4%
Placentia	3.4%	3.1%	3.2%	2.6%	2.5%	3.0%	3.2%	3.2%	2.6%	2.7%	2.6%	2.5%	2.8%	2.8%	3.7%	13.2%	14.5%	13.5%	12.3%
Rancho Santa Margarita	3.0%	2.7%	2.8%	2.3%	2.2%	2.6%	2.8%	2.6%	2.2%	2.3%	2.4%	2.3%	2.7%	2.7%	3.4%	12.3%	12.4%	11.2%	9.7%
Rossmoor CDP	2.7%	2.5%	2.5%	2.1%	2.0%	2.4%	2.6%	2.5%	2.1%	2.2%	2.1%	2.0%	2.4%	2.3%	3.1%	11.7%	12.5%	11.6%	10.5%
San Clemente	3.1%	2.7%	2.7%	2.3%	2.2%	2.8%	3.0%	2.9%	2.4%	2.6%	2.5%	2.4%	2.8%	2.7%	3.6%	13.8%	13.5%	12.1%	10.8%
San Juan Capistrano	3.1%	2.9%	2.9%	2.4%	2.3%	2.8%	3.0%	2.9%	2.4%	2.4%	2.4%	2.1%	2.5%	2.5%	3.6%	13.0%	12.9%	11.7%	10.6%
Santa Ana	3.4%	3.1%	3.1%	2.6%	2.5%	3.0%	3.3%	3.0%	2.6%	2.7%	2.6%	2.5%	2.9%	2.9%	3.8%	14.1%	14.9%	13.7%	12.6%
Seal Beach	3.6%	3.3%	3.4%	2.7%	2.8%	3.3%	3.6%	3.5%	3.2%	3.1%	3.0%	2.7%	3.1%	2.9%	4.0%	13.1%	12.9%	12.5%	11.2%
Stanton	3.6%	3.1%	3.3%	2.9%	2.9%	3.3%	3.5%	3.2%	2.7%	2.8%	2.9%	2.7%	3.3%	3.1%	4.1%	16.2%	17.8%	16.5%	15.1%
Tustin	3.2%	2.9%	2.9%	2.4%	2.3%	2.8%	2.9%	2.8%	2.3%	2.5%	2.4%	2.3%	2.8%	2.7%	3.7%	13.5%	14.0%	12.7%	11.4%
Villa Park	3.6%	3.2%	3.3%	2.8%	2.6%	3.2%	3.4%	3.2%	2.7%	2.9%	2.8%	2.6%	3.1%	3.0%	4.1%	14.9%	15.8%	14.7%	13.4%
Westminster	3.7%	3.2%	3.4%	2.8%	2.7%	3.2%	3.4%	3.3%	2.8%	2.9%	2.9%	2.7%	3.2%	3.2%	4.3%	18.6%	20.2%	18.9%	16.8%
Yorba Linda	2.9%	2.7%	2.8%	2.3%	2.2%	2.7%	2.9%	2.7%	2.3%	2.5%	2.3%	2.3%	2.6%	2.6%	3.4%	11.2%	12.1%	11.2%	10.3%
Unincorporated	3.8%	3.6%	2.9%	3.0%	2.1%	3.5%	3.3%	3.2%	2.2%	2.9%	2.6%	2.2%	3.2%	3.2%	3.9%	12.3%	12.6%	12.3%	11.4%
Orange County	3.3%	3.0%	3.0%	2.5%	2.4%	2.9%	3.1%	3.0%	2.5%	2.6%	2.6%	2.4%	2.9%	2.8%	3.7%	13.8%	14.7%	13.6%	12.4%
County monthly percentage point change	-0.3		0.0	-0.5	-0.1	0.5	0.2	-0.1	-0.5	0.1	0.0	-0.2	0.5	-0.1	0.9	10.1	0.9	-1.1	-1.2
County year/year percentage point change													-0.4	-0.2	0.7	11.3	12.3	10.7	9.3

Notes:

- 1) Data may not add due to rounding. All unemployment rates shown are calculated on unrounded data.
- 2) These data are not seasonally adjusted.
- 3) CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Methodology: Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and

Unemployment Rates for Cities and Census Designated Places (CDP), Orange County, California

	2020	2020	2020	2020	2020	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	(Prelim)
Aliso Viejo	7.5%	7.0%	5.6%	5.2%	6.3%	6.6%	5.8%	5.4%	5.2%	4.8%	5.2%	5.0%	5.0%	4.2%	
Anaheim	11.8%	11.3%	9.5%	7.8%	8.8%	8.5%	8.0%	7.3%	7.3%	6.8%	7.6%	7.3%	6.9%	5.9%	
Brea	9.4%	8.7%	7.0%	5.8%	6.6%	6.8%	6.1%	5.9%	6.2%	5.8%	6.5%	6.3%	6.1%	5.0%	
Buena Park	11.9%	11.4%	9.2%	8.0%	8.9%	8.7%	8.2%	7.7%	7.3%	6.8%	7.6%	7.4%	7.1%	6.0%	
Costa Mesa	8.5%	7.9%	6.3%	5.7%	7.0%	6.9%	6.0%	5.5%	5.5%	5.2%	5.8%	5.6%	5.4%	4.5%	
Coto de Caza CDP	9.1%	8.5%	7.0%	6.1%	7.1%	6.0%	5.3%	5.0%	4.8%	4.6%	5.1%	4.9%	4.7%	4.0%	
Cypress	10.2%	9.7%	7.8%	7.0%	7.9%	7.7%	6.8%	6.4%	6.3%	5.9%	6.7%	6.5%	6.4%	5.2%	
Dana Point	8.1%	7.5%	5.9%	5.3%	6.6%	6.6%	5.9%	5.3%	5.3%	4.9%	5.6%	5.4%	5.2%	4.3%	
Fountain Valley	10.0%	9.3%	7.4%	6.4%	7.6%	7.5%	6.4%	6.1%	6.2%	6.1%	6.6%	6.5%	6.5%	5.3%	
Fullerton	10.6%	10.0%	8.2%	6.9%	7.9%	7.9%	7.3%	6.7%	6.6%	6.2%	7.0%	6.7%	6.5%	5.3%	
Garden Grove	13.1%	12.3%	9.5%	7.8%	9.5%	9.1%	8.2%	7.8%	7.7%	7.6%	8.4%	8.1%	7.6%	6.5%	
Huntington Beach	9.1%	8.5%	6.8%	6.1%	7.4%	7.3%	6.5%	6.2%	6.1%	5.6%	6.2%	5.9%	5.7%	4.7%	
Irvine	7.7%	7.2%	6.0%	5.4%	6.1%	5.8%	5.6%	5.4%	5.4%	5.1%	5.8%	5.6%	5.6%	4.6%	
La Habra	9.9%	9.5%	8.1%	7.0%	8.1%	8.2%	7.5%	7.0%	6.8%	6.6%	7.1%	6.7%	6.5%	5.5%	
La Palma	9.3%	8.8%	7.2%	6.3%	7.3%	6.1%	5.9%	5.6%	5.4%	5.1%	5.7%	5.5%	5.3%	4.4%	
Laguna Beach	7.2%	6.7%	5.0%	4.7%	5.8%	5.9%	5.1%	5.1%	5.0%	4.7%	5.8%	5.2%	5.2%	4.6%	
Laguna Hills	7.8%	7.3%	6.3%	5.7%	6.6%	6.4%	5.9%	5.7%	5.1%	4.7%	5.4%	5.4%	5.4%	4.2%	
Laguna Niguel	8.1%	7.5%	6.1%	5.5%	6.5%	6.6%	5.9%	5.5%	5.6%	5.1%	5.7%	5.6%	5.5%	4.5%	
Laguna Woods	6.4%	6.0%	4.9%	4.3%	5.0%	5.6%	5.1%	4.8%	4.7%	4.4%	4.9%	4.8%	4.6%	3.8%	
Lake Forest	7.4%	6.8%	5.6%	5.2%	6.2%	6.1%	5.8%	5.5%	5.3%	4.9%	5.6%	5.5%	5.3%	4.3%	
Las Flores CDP	3.2%	3.0%	2.4%	2.1%	2.5%	5.1%	5.1%	4.7%	4.6%	4.4%	4.9%	4.7%	4.5%	3.8%	
Los Alamitos	9.9%	9.3%	7.6%	6.7%	7.8%	7.9%	6.8%	6.4%	6.2%	5.9%	6.6%	6.4%	6.1%	5.1%	
Mission Viejo	8.3%	7.7%	6.3%	5.8%	6.9%	6.8%	6.1%	5.8%	5.5%	5.1%	6.0%	5.7%	5.6%	4.4%	
Newport Beach	7.0%	6.6%	5.5%	4.9%	5.8%	5.7%	5.3%	5.0%	4.8%	4.4%	4.9%	4.8%	5.0%	4.3%	
Orange	8.8%	8.3%	7.1%	6.1%	7.0%	6.9%	6.5%	5.9%	5.6%	5.3%	6.1%	5.9%	5.6%	4.7%	
Placentia	9.4%	9.0%	7.6%	6.5%	7.5%	7.3%	6.7%	6.3%	6.1%	5.8%	6.2%	6.1%	5.7%	4.8%	
Rancho Santa Margarita	7.2%	6.7%	5.4%	5.0%	6.0%	5.9%	5.6%	5.4%	5.1%	4.8%	5.3%	5.2%	5.1%	3.9%	
Rossmoor CDP	8.0%	7.5%	6.1%	5.3%	6.3%	6.0%	7.0%	6.5%	6.4%	6.0%	6.7%	6.5%	6.2%	5.2%	
San Clemente	8.1%	7.4%	6.0%	5.6%	6.8%	7.1%	6.5%	5.9%	5.5%	5.4%	5.8%	5.5%	5.4%	4.5%	
San Juan Capistrano	8.0%	7.3%	5.9%	5.5%	6.3%	6.4%	5.8%	5.2%	5.2%	4.9%	5.4%	5.3%	5.0%	3.9%	
Santa Ana	9.8%	9.3%	7.9%	7.0%	8.1%	7.8%	7.2%	6.9%	6.4%	6.0%	6.6%	6.4%	6.0%	5.2%	
Seal Beach	8.6%	8.2%	6.7%	6.0%	7.2%	7.8%	7.2%	6.4%	6.0%	5.9%	6.7%	6.4%	6.4%	5.2%	
Stanton	11.8%	11.3%	9.2%	7.8%	9.5%	8.6%	7.9%	7.7%	7.5%	7.2%	7.7%	7.4%	7.0%	6.2%	
Tustin	8.7%	8.2%	7.0%	6.2%	7.1%	7.2%	6.4%	6.3%	6.1%	5.9%	6.5%	6.2%	6.1%	5.4%	
Villa Park	10.3%	9.7%	7.9%	6.9%	8.1%	11.0%	3.7%	3.5%	3.4%	3.2%	3.6%	3.5%	3.3%	2.8%	
Westminster	13.1%	12.3%	9.0%	7.6%	9.7%	9.7%	8.6%	8.0%	8.3%	8.2%	8.9%	8.5%	8.0%	6.9%	
Yorba Linda	7.8%	7.0%	5.7%	5.1%	5.8%	6.1%	5.4%	5.2%	4.9%	4.7%	5.5%	5.2%	5.0%	4.0%	
Unincorporated	8.3%	7.9%	6.4%	5.6%	6.3%	6.0%	6.3%	6.5%	5.7%	5.3%	6.3%	5.9%	6.2%	4.3%	
Orange County	9.5%	8.9%	7.3%	6.4%	7.4%	7.3%	6.7%	6.3%	6.2%	5.8%	6.5%	6.3%	6.0%	5.0%	
County monthly percenta	-2.9	-0.6	-1.6	-0.9	1.0	-0.1	-0.6	-0.4	-0.1	-0.4	0.7	-0.2	-0.3	-1.0	
County year/year percent	6.5	6.4	4.7	3.8	5.0	4.4	3.9	2.6	-7.6	-8.9	-7.1	-6.1	-3.5	-3.9	

CDP is "Census Designated Place" - a recognized community that was unincorporated at the time of the 2014-2018 5-Year American Community Survey (ACS).

Notes:

- 1) Data may not add due to rounding. All unemployment rates shown are calculated on unrounded data.
- 2) These data are not seasonally adjusted.
- 3) N/A = Estimate created by Bureau of Labor Statistics

Methodology:

Monthly city labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each city at the time of the 2014-2018 American Community Survey. Ratios for cities were developed from special tabulations based on ACS employment, unemployment, and population and Census population from the Bureau of Labor Statistics. For smaller cities and CDPs, ratios were calculated from published census data.

Monthly CDP's labor force data are derived by multiplying current estimates of county employment and unemployment by the relative employment and unemployment shares (ratios) of each CDP at the time of the 2014-2018 ACS survey. Ratios for CDPs' were developed from special tabulations based on ACS employment and unemployment from the Bureau of Labor Statistics.

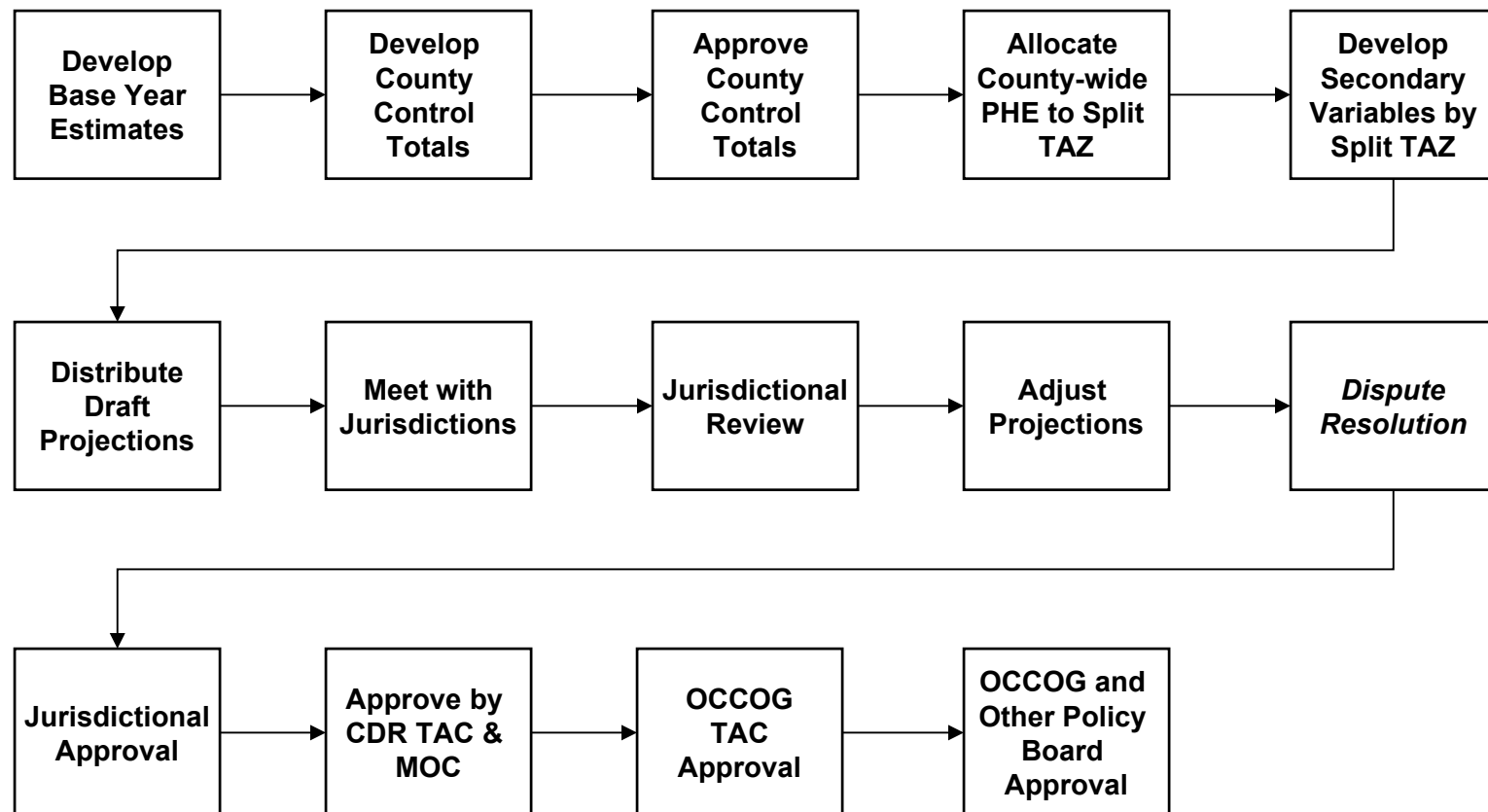
This method assumes that the rates of change in employment and unemployment since the 2014-2018 American Community Survey are exactly the same in each city and CDP as at the county level (i.e., that the shares are still accurate). If this assumption is not true for a specific city or CDP, then the estimates for that area may not represent the current economic conditions. Since this assumption is untested, caution should be employed when using these data.

Source: CA State Employment Development Department, Labor Market Information Division; March 2019 Benchmark. October 2021
<http://www.labormarketinfo.edd.ca.gov>



OCP-2022 Process

Develop TAZ Level Projections



ORANGE COUNTY PROJECTIONS 2022 TASKS & DRAFT TIMELINE (10/20/2021 with anticipated SCAG 2024 RTP/SCS schedule)

Tasks	2020	2021				2022				2023				2024	
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
SCAG: determine base year															
OCP: Develop PHE growth assumptions															
OCP: Develop Base year 2019 estimates Population, Housing, & Employment (PHE)															
OCP: Review and Approve growth assumptions by CDR TAC															
SCAG: develop framework for 2024 RTP/SCS delegation															
SCAG: develop regional growth forecast framework for 2024 RTP/SCS delegation															
OCP: Allocate 2020 Census block data to revised OCTAM TAZs															
OCP: Project Countywide PHE															
SCAG: 2024 RTP/SCS Performance Framework															
SCAG: Growth Forecast Framework Report															
SCAG: Regional Growth Forecast (fall)															
SCAG: deadline for subregions to submit letter of intent on SCS															
SCAG: Collect general plan, zoning, land use, demolition data, develop draft data map books															
OCP: Approve Countywide PHE by CDR TAC & MOC															
OCP: OCCOG TAC & Board Approval of Countywide PHE															
OCP: Allocate Countywide PHE to Split TAZ															
SCAG: Policy Development Frameworks															
Early Public Outreach: Vision and Values															
SCAG: Update Goals & Guiding Policies Draft Performance Measures															
SCAG: collect input from jurisdictions on growth forecast; create local scenario planning options, one-on-one meetings w/ jurisdictions															
SCAG: Jurisdiction Review: general plan, zoning, land use (Map book data), survey															
SCAG: Release PHE data to jurisdictions for review & comment (OC will use OCP data)															
OCP: City meetings with CDR & SCAG															
OCP: Jurisdictional TAZ Review/Adjust PHE/Jurisdictional Approval															
OCP: Dispute Resolution															
OCP: Approve by CDR TAC & MOC															
OCP: OCCOG Technical Advisory Committee Approval															
OCP: Policy Approval at RSA level															
SCAG: Program Environmental Impact Report: Notice of Preparation (fall) & CTC deadline to submit projects to SCAG															
SCAG: deadline for local input on PHE															
OCP: Interim Adjustments if needed															
SCAG: Local Agency Data Validation Process Complete															
SCAG: Public Workshops: Draft Planning Policies & Strategies															
SCAG: Draft Plan Policy Discussions															
SCAG: release of draft policy growth forecast															
SCAG: Policy Committees recommend approval of draft RTP/PEIR release (fall)															
SCAG: RC approval of draft RTP/PEIR release															
SCAG: Policy Committees recommend approval of final RTP/PEIR															
SCAG: RC approval of final RTP/PEIR															

PHE: Population, housing & employment

APPENDIX A



2024 RTP/SCS PRELIMINARY MILESTONES

2021			2022			2023			2024			
SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING
FOUNDATIONS & FRAMEWORKS			DATA COLLECTION & POLICY DEVELOPMENT				OUTREACH & ANALYSIS			DRAFT PLAN & ADOPTION		
STAKEHOLDER ENGAGEMENT												
<ul style="list-style-type: none"> ▼ SPRING 2021 <ul style="list-style-type: none"> • 2024 RTP/SCS Framework ▼ SUMMER 2021 <ul style="list-style-type: none"> • SCS Subregional Delegation Guidelines • 2024 RTP/SCS Performance Framework • Growth Forecast Framework Report ▼ FALL 2021 <ul style="list-style-type: none"> • Regional Growth Forecast ▼ WINTER 2022 <ul style="list-style-type: none"> • Policy Development Frameworks • Public Participation Plan and Consultation Policy with Tribal Governments and Federal Land Management Agencies • Early Public Outreach: Vision and Values ▼ SPRING 2022 <ul style="list-style-type: none"> • Update Goals & Guiding Policies • Draft Performance Measures ▼ FALL 2022 <ul style="list-style-type: none"> • Program Environmental Impact Report: Notice of Preparation • Deadline for CTCs to Submit Projects to SCAG ▼ WINTER 2023 <ul style="list-style-type: none"> • Technical Methodology Submittal to CARB • Local Agency Data Validation Process Complete • Public Workshops: Draft Planning Policies and Strategies ▼ SPRING 2023 <ul style="list-style-type: none"> • Draft Plan Policy Discussions ▼ FALL 2023 <ul style="list-style-type: none"> • Draft Connect SoCal 2024, Transportation Conformity Determination, and PEIR ▼ SPRING 2024 <ul style="list-style-type: none"> • Comment Response Report and Plan Change Preview • Final Connect SoCal 2024, Transportation Conformity Determination, and PEIR 												
<p>MILESTONES COLOR CODING: BOLD = ACTION ITEM</p> <ul style="list-style-type: none"> MODELING/FORECAST OUTREACH PLAN FOUNDATION (GOALS & PERFORMANCE MEASURES) LOCAL AGENCY INPUT PROCESS PLAN ELEMENT (POLICIES, STRATEGIES, TECHNICAL REPORTS) 												