



THE 26TH ANNUAL REPORT ON THE

CONDITIONS OF CHILDREN IN ORANGE COUNTY

LETTER FROM THE CHAIR

The future of Orange County rests on the health and well-being of our children. Each year, our Conditions of Children report provides an opportunity to assess our progress and take steps to improve.

This year, 2020, is an unprecedented period for our children due to the coronavirus pandemic. Data does not yet exist to capture the immediate, let alone the long-term, impacts of COVID-19 on children in Orange County. Instead, we must rely largely on anecdotal experiences to understand what is happening with our children and families and do what we can to support the continuity of care and services for those most affected by the economic, health and social ramifications of COVID-19.

Current data shows that prior to the pandemic there was substantial progress made across many key indicators.

- The teen birth rate continues to drop to the lowest level in 10 years.
- More women in Orange County are receiving early prenatal care.
- More than half of third graders are now meeting or exceeding statewide achievement standards for English language arts and mathematics.

While we have made improvements, there is still work that needs to be done.

For example, despite the increase in the percentage of third grade students meeting or exceeding statewide achievement standards, substantial gaps persist across racial and ethnic lines; foster youth experience higher chronic absenteeism and high school dropout rates than their classmates; and one in four economically disadvantaged 5th graders are at risk for obesity compared to one in 10 5th graders who are economically advantaged. Meanwhile, poverty increases among all Orange County's children. Poverty is a risk factor for diabetes, which is a growing health concern in Orange County.

These problems require action. We need to deliver on our promise of a bright future for all our children. To achieve this requires that everyone – parents, teachers, business and community leaders and service providers – get involved.

Join me, the Orange County Children's Partnership and more than 20 member organizations in our work to advance data-informed solutions to meet the needs of our children and families.

Sincerely,



Andrew Do, Chair
Orange County Children's Partnership

ORANGE COUNTY CHILDREN'S PARTNERSHIP 2020 MEMBERS

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Todd Spitzer, JD, MPP
Orange County District Attorney

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Vacant
Foster Parent Representative

Vacant
Group Home Representative

Candice Gomez, MSHCA
CalOptima

Vacant
Former Foster Youth

For more information about the priorities, work and public meetings of the OCCP, please visit: ohealthinfo.com/phs/about/family/OCCP.

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EXECUTIVE SUMMARY

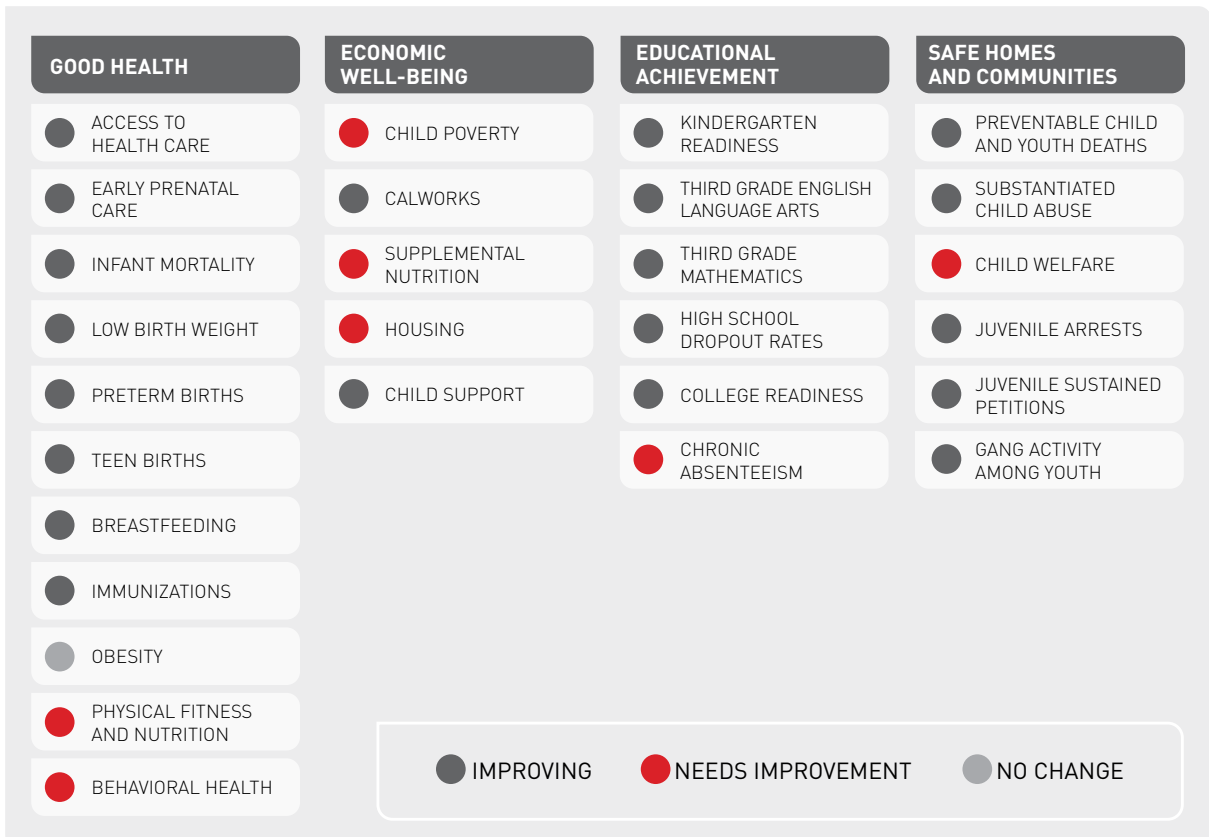
The 26th Annual Report on the Conditions of Children in Orange County studies four interdependent focus areas: Good Health, Economic Well-Being, Educational Achievement and Safe Homes and Communities. Each focus area includes the most recent data for indicators to assess improving or worsening trends over 10 years and help identify potential areas to be addressed to ensure all Orange County children thrive. The most recent data ranges from 2017 to 2020, and up to 10 years of data are reported.

Orange County’s infants remain in good health with a recent positive increase in mothers receiving early prenatal care and continued declines in babies born pre-term and with low birth weights. Young children continue to progress academically in both Math and English Language Arts, while college readiness among high school students maintains its seven-year positive trend. Youth are safer today, as overall injury death rates and gang activity continue to decline.

These positive outcomes are not achieved by all. Disparities persist in Orange County among races and ethnicities, socioeconomic status and geographic communities, depending on the indicator. For example, some communities face greater economic hardship than others, as poverty among children increases and nearly 30,000 students experience insecure housing. Low income students are nearly three times less likely than their peers to exceed the third-grade

mathematics and English language standards than their peers, with some communities experiencing this disparity more so than others. While Hispanic and Latinx students make up the largest group of graduates at 45.1% of student population, they are the least likely to be college ready making up just 41.3% of students considered college ready. Despite some improvement, foster youth still experience the highest chronic absenteeism at 27.6% and high school dropout rates at 21.0%.

These disparities will likely be exacerbated by the novel coronavirus-2019 (COVID-19). Due to standard delays in data collection and reporting, a data-driven understanding of these impacts is not yet available. The report’s special edition explores Orange County’s proactive response to the known and perceived impacts of this public health crisis on children and families and showcases examples of the response across the four focus areas.



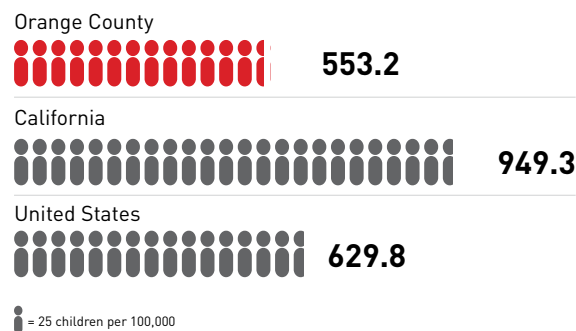
SPECIAL EDITION ON COVID-19: HOW ORANGE COUNTY IS ADDRESSING EMERGING IMPACTS AMONG CHILDREN AND FAMILIES

The outbreak of the novel coronavirus disease-2019 (COVID-19) has had dramatic and devastating impacts locally. Orange County organizations working with children and families have observed several emerging impacts, outlined on the following page. Some of these impacts are related to new issues or concerns, whereas others are connected to existing issues that may have been exacerbated by COVID-19. While the Conditions of Children Report cannot capture the impacts of the virus with data in real time, it is our hope that bringing them to light will help build public awareness around these challenges and help us as a community focus on how best to address them.

COVID-19 in Orange County

Orange County reported 54,760 COVID-19 cases and 1,287 deaths at the time this report went to print on October 5, 2020.¹ The rate of COVID-19 cases among children ages 0 to 17 years was lower at 553.2 per 100,000 in Orange County compared to California (949.3) and the United States (629.8).² Youth ages 0 to 17 years accounted for 7.2 percent of all cases.

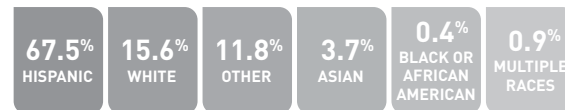
RATE OF COVID-19 AMONG 0 TO 17 YEAR-OLDS
(PER 100,000)



COVID-19 is shown nationally to disproportionately impact people from racial and ethnic minority groups, due in part to long-standing systemic health and social inequities.³

These social determinants of health have left certain groups at higher risk of contracting the disease.⁴ Among those youth who contracted COVID-19 with known race and ethnicity, Orange County trends suggest similar disparities with 82.6% of cases among minority populations ages 0 to 17 years.⁵

PERCENT CASES IN ORANGE COUNTY AMONG POPULATIONS AGES 0 TO 17 YEARS, BY RACE AND ETHNICITY



Note: Percent cases are among children 0 to 17 years with known race and ethnicity. As of October 5, 2020, 55% (2,182) of the COVID-19 cases among youth have a known race and ethnicity.

COVID-19 Testing Sites Increase Access for the Most Vulnerable

Within weeks of the first reported COVID-19 cases in the county, and in an effort aimed to protect the most vulnerable populations including Asian Pacific Islander and the Middle Eastern and North African populations, Orange County Health Care Agency launched a multifaceted community outreach and advertising initiative to promote and provide testing. Partnering with community health centers, private providers and California state testing locations, the initial five testing sites expanded quickly to 20 locations, promoted through news print, social media outlets and multi-language street teams.

The County of Orange launched the Latino Health Equity Initiative in June 2020 after testing data showed higher COVID-19 positivity among Latinos in Orange County, particularly in the cities of Anaheim and Santa Ana. The initiative is a partnership between OC Health Care Agency, Latino Health Access, school districts and others. Through this initiative, Latino Health Access offers increased testing, outreach, education, contact notification support and referral services.

¹ Orange County Health Care Agency. COVID-19 Case Counts and Testing Figures. Retrieved on October 5, 2020 from <https://occcovid19.ocealthinfo.com/coronavirus-in-oc>. ² Population data from US Census, American Community Survey, Table B09001, 2018 5-yr Estimates; Case data for California from the California Open Data Portal from date 10/5/2020 <https://data.ca.gov/dataset/covid-19-cases/resource/339d1c4d-77ab-44a2-9b40-745e64e335f2>; Case data for the US from the CDC COVID Data Tracker <https://www.cdc.gov/covid-data-tracker/index.html#demographics>. ³ Centers for Disease Control and Prevention. (2020, July). Health Equity Considerations and Racial and Ethnic Minority Groups. National Center for Immunization and Respiratory Diseases (NCIRD), Division of Viral Diseases. ⁴ Centers for Disease Control and Prevention, MMWR, Disparities in Incidence of COVID-19 Among Underrepresented Racial/Ethnic Groups in Counties Identified as Hotspots During June 5-18, 2020 — 22 States, February–June 2020; August 21, 2020 / 69(33);1122-1126. ⁵ As of October 5, 2020, Orange County Health Care Agency reported 55% (2,182) of the COVID-19 cases among youth have a known race and ethnicity.

The County also opened two drive through testing “super sites” at Anaheim Convention Center and Orange County Fair Grounds in Costa Mesa for the testing of first responders, essential workers and those exhibiting symptoms of COVID-19. In addition, the County is partnering with school districts to prioritize testing for students, faculty and staff who meet the testing criteria to be tested at these super site locations to assist schools with their re-opening efforts.

Local Response to COVID-19

To support an early understanding of how the pandemic has impacted children and families, interviews were conducted and written input gathered in July 2020 from staff in leadership roles across the OCCP’s social service, health, education, child support and criminal justice agencies and community-based member organizations. The interviews provided an account of what service providers are seeing as emerging impacts for children and families, and many examples of wide-ranging efforts to meet children and families’ needs.

At a high level, conversations with the community leaders and child advocates point to the various ways COVID-19 has transformed the day-to-day lives of children and families. School closures, social distancing, isolation and economic hardship has increased the risk of food insecurity among children, increased anxiety and stress and created barriers to accessing vital services.¹

According to California’s Employment Development Department, during the first months of the pandemic, Orange County experienced the loss of 222,400 jobs, increasing the unemployment rate to 14 percent in April.² Orange County organizations who have historically provided safety net services and resources for families and children experiencing economic and health challenges, found themselves needing to mobilize and identify new ways to increase their capacity to meet the growing demand. For example, the County of Orange Social Services Agency (SSA), which receives calls for Medi-Cal public health insurance, CalFresh (aka Food Stamps)³, General Relief and CalWORKs benefits, saw an increase on average (March-August 2020) of approximately 20,000 additional calls per month about public assistance benefits versus monthly call volumes in the prior year. Of this call volume, approximately 55 to 60% of all inquiries were for CalFresh.⁴

The increase in applications for benefits from March to August 2020 compared to the same time period in 2019 were as follows:

- Medi-Cal applications, federally known as Medicaid, were up 10.6%;⁵
- CalFresh, federally known as the Supplemental Nutrition Assistance Program (SNAP), applications were up 29.1%;⁶ and
- Direct cash aid, known as CalWORKs, for families with children increased by 36.4%.⁷

TOTAL APPLICATIONS RECEIVED FROM MARCH TO AUGUST, 2019 AND 2020

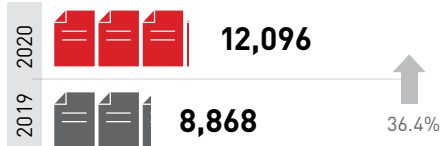
Medi-Cal



CalFresh



CalWORKs



¹ Health Management Associates. (2020, July). Findings from key informant interviews with Orange County community leaders. ² California Employment Development Department, retrieved from <https://edd.ca.gov/>. ³ CalFresh is the California implementation of the federal Supplemental Nutrition Assistance Program (SNAP), formerly known as the Food Stamp program, which provides financial assistance for purchasing food to low-income California residents. ⁴ Orange County Social Services Agency, Call Center as of September 17, 2020. ⁵ CalWIN MRH053R. ⁶ CalWIN MRH053R. ⁷ CalWIN MRH053R.

Pivoting to Meet Expanding Need

Orange County has a robust network of services available to support families struggling to get by. That said, COVID-19 has increased the number of families in need of those support services while simultaneously presenting the challenge of how to maintain services during a pandemic when in-person interactions are restricted. Orange County responded proactively and quickly pivoted to new and innovative ways to meet this growing need, including:

- Expansion of online social benefit enrollment options and extended hours for call centers;
- The rapid transition to providing existing services in alignment with social distancing guidelines;
- The design and deployment of new services to meet the immediate and emerging needs of children and families;
- Increased collaboration to expand access and improve services, with a specific focus on inequities and disparities among people of different races and ethnicities, learning abilities, criminal justice involvement and age groups.

Orange County organizations have come together around three areas of need: 1) Transforming services to a virtual platform as needed, 2) Ensuring food security by expanding food distribution channels and 3) Increasing awareness about the role of mandated reporters in preventing child abuse.

Transforming Services to Virtual Platforms

The most substantial change in service delivery was the rapid transition to virtual formats as needed. Services from education to healthcare visits to court appearances were quickly moved online or conducted by phone to meet the state and county mandated stay-at-home orders. While this rapid transition was not without challenges for both agencies and consumers, it was necessary to ensure the continuation of services with minimal disruption. As agencies continue to build their internal capacity to efficiently and effectively provide services virtually, addressing the technological divide (i.e., computer and

Access to Technology¹

PERCENT OF ORANGE COUNTY HOUSEHOLDS WITH NO COMPUTER OR SMART PHONE



5.6%

25.1%
CITY WITH HIGHEST PERCENT OF HOUSEHOLDS

PERCENT OF ORANGE COUNTY HOUSEHOLDS WITH NO INTERNET ACCESS²



8.2%

38.2%
CITY WITH HIGHEST PERCENT OF HOUSEHOLDS

internet access and knowledge of technology) will be important to minimize barriers to services. As one example, Orange County Schools transitioned over 450,000 students to virtual learning, providing 144,529 learning devices, as well as 16,485 units of internet connectivity.

Addressing Food Insecurity

The percentage of children experiencing food insecurity is projected to increase 83.0% to 20.4% in 2020, from 11.2% in 2018. One indicator of this increased food insecurity is the number of calls to inquire about CalFresh food benefits. The SSA Call Center has experienced a 40.6% increase in call volumes for CalFresh benefits; in August 2020 the Call Center received 26,649 calls for CalFresh compared to 18,827 calls for CalFresh in August 2019.

In response to this growing need, the California Department of Social Services (CDSS) issued

SSA CALL CENTER – CALFRESH CALL VOLUME



¹ U.S. Census Bureau, ACS, 5-year estimates 2014-2018, Table S2801. ² Percentage of households with no access to the internet through subscription broadband, dial-up, satellite, cellular data or any other service.

Pandemic Electronic Benefit Transfer (P-EBT) benefits beginning in June 2020 to CalFresh, Medi-Cal, CalWORKs and Foster Care households with children who are eligible for free or reduced-price school meals as well as to households with children who are eligible for free or reduced-price school meals whose schools are closed due to the COVID-19 emergency. Through the program, households will receive up to \$365 for each child who is eligible for P-EBT benefits. On average, approximately \$13 million in P-EBT benefits have been issued to more than 75,000 households each month between March and August 2020, for a total issuance of over \$80 million to Orange County families thus far.

Beyond the expansion of benefits, numerous county agencies, community-based and faith-based organizations and ramped up efforts to increase food distribution on a daily, weekly and monthly basis. For example, the County of Orange secured approximately \$3 million in Coronavirus Aid, Relief, and Economic Security (CARES) Act funding to assist food distribution organizations like Second Harvest and OC Food Bank to help feed 16,234 more families. In addition, the Raise Foundation has increased its food distribution events for families-in-need from bi-monthly to as many as four times a week. Since March, they have held 43 food distribution events and served over 32,000 individuals. During this same period, Orange County schools provided almost 9 million meals to students and their families.

Increasing Awareness About the Role of Mandated Reporters

School closures and the move to virtual services have reduced the number of mandated reporters (i.e., people like childcare providers, pediatricians and teachers who must report when they know or suspect that child abuse is occurring) who would normally have regular in-person contact with children. The decrease in call volume to the 24/7 Orange County Child Abuse Registry (CAR) hotline between March and August 2020 revealed a 37% reduction in calls overall.

Many agencies and organizations in Orange County are working hard to increase their outreach and communications about this issue and educate individuals on what to do in the event that child abuse is suspected. With the knowledge that mandated reporters were having less contact with school-aged children due to the stay-at-home order, initiatives were launched to build awareness for individual roles in reporting child abuse:

- SSA published regular and frequent messaging to the community via social media, in press conferences and via Board of Supervisor updates. The agency also partnered with the Orange County Sheriff and Orange County District Attorney on a public service announcement to encourage relatives and neighbors to check in with families and reminders to report to the CAR hotline if abuse/neglect is suspected.
- OC School Districts and the Orange County Emergency Operations Center and Care and Shelter Branch collaborated on messaging to educators about mandated reporting requirements.
- Family emergency planning materials were shared in student lunches (during drive through pick-ups).

The largest reduction in CAR calls occurred at the beginning of the stay-at-home order, from April (58% decrease in calls) to May (55% decrease), when some services, such as schools and medical offices, were temporarily shut down and prior to the roll-out of digital or virtual service options.

The following pages present several additional highlights meant to showcase the response across Orange County four focus areas: Good Health, Economic Well-Being, Educational Achievement and Safe Homes and Communities.

NUMBER OF CAR CALLS RECEIVED FROM MARCH TO AUGUST



¹ Feeding America, Map the Meat Gap, The Impact of Coronavirus on Food Insecurity.

Good Health

Homelessness COVID-19 Collaborative – The Family Solutions Collaborative – a coalition of 21 nonprofit organizations working to prevent and address family homelessness, primarily funded through First 5 Orange County and the County of Orange, quickly identified a designated individual to coordinate service provision for any families with children ages 0 – 5 who test positive for COVID-19. Once notified, this person works across organizations to locate the best site for them to receive care while maintaining social distance.

Multipronged approach to Support Emotional Health and Well-Being – Orange County Health Care Agency (HCA) Behavioral Health division has designed a six-pronged strategic approach to supporting youth and family’s mental health and wellbeing in response to COVID-19. Specifically, strategies focus on suicide prevention, violence prevention, building youth resilience, addressing health disparities, social norm campaigns and expanding virtual care, including telehealth capacity. Activities within each strategy focus on delivery of services in new ways to increase and expand access, provide support and resources to both providers of services as well as recipients of those services and building community capacity to identify and support those struggling with suicidal ideation, domestic violence or abuse. In addition, HCA developed a Mental Health Supports webpage with a wide variety of resources on the County’s COVID-19 website. This webpage, community resources, and help-seeking multi-media messaging have been developed, and/or promoted through a wide variety of community campaigns, including a partnership with Angels Baseball.

Economic Well-Being

Orange County Child Care Database – In March, Early Childhood OC initiated an Emergency Child Care Task Force to support child care providers and programs working to stay open safely. The taskforce created a centralized child care database in an effort to simplify the process for essential workers and families needing alternative child care options for children birth to 12 to allow them to continue to work. This database, the first of its kind in Orange County, was developed in response to uncertainty regarding which providers were open during different phases of the COVID-19 pandemic

and how to re-open safely according to public health guidelines. The site also offers information on financial assistance for families; health and safety guidelines; stipends, grants and support for providers; and other free resources and materials.

Education

Orange County Together –The local Orange County Health Care Agency (OCHCA), the Orange County Department of Education (OCDE) and school districts across Orange County have developed a comprehensive guide with recommendations for reopening more than 600 schools. While school boards and superintendents will approve and implement plans specific to their districts, the guide serves as a key resource to inform and support decision-making.

Learning Continuity and Attendance Plan – For the 2020/21 school year, Local Education Agencies are producing Learning Continuity and Attendance Plans (LCP), established by Senate Bill 98, to capture how learning continuity will be addressed during COVID-19. The LCP will be in lieu of the Local Control Accountability Plan (LCAP) for this year and will share how districts are responding to the impacts of COVID-19 on instruction and how they are offsetting learning loss. Once approved, plans will be found on both the Orange County Department of Education’s website and the websites for each local school district.

Safe Homes and Communities

Triple P – Positive Parenting Program – The Orange County Health Care Agency purchased online licenses for the evidence-based Triple P curriculum and provided them to families at no cost. The Triple P gives parents simple and practical strategies to help them build strong, healthy relationships with their children while managing their child’s behavior and preventing problems from developing. This additional resource has supported parents and families as they navigate this uniquely difficult and stressful time.

Orange County Gang Reduction and Intervention Partnership (OC GRIP) – The Orange County District Attorney’s Office continues to seek to reduce juvenile gang crime during the pandemic via OC GRIP, focusing its work on reducing truancy and providing gang prevention and resiliency building criteria. OC GRIP quickly tailored the student intervention component to a virtual platform,



which is the program's most crucial component, where school staff identify students in need of intervention to the OC GRIP team. Protocols for student intervention meetings now utilize the use of conference calls and documentation and support services. More than 600 remote student interventions, home visits, and mental health resources have taken place across 65 schools in Orange County. Ongoing input from the schools and parents will help each GRIP community to maintain a positive trajectory for the participating students through the COVID-19 pandemic.

The Path Forward

OCCP's mission is to serve as a unified voice championing health, education, safety and economic stability by advancing more responsive services that effectively meet the needs of children and families in Orange County. Never has this mission been more critical. In the months and years to come, data will be analyzed and reported so that the impacts of COVID-19 are better understood and services and resources are responsive to those impacts. OCCP remains committed to serving in this important role, championing those current and future efforts to meet the needs of children and families.

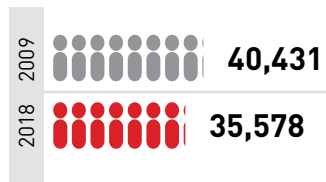


ORANGE COUNTY SNAPSHOT

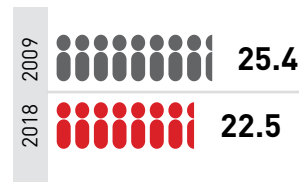
Population

- Over 3.2 million people are living in Orange County in 2019, up from 3.0 million in 2010 – 6.8% increase
- Median Age in 2018: 38.3

NUMBER OF BIRTHS IN ORANGE COUNTY¹



PERCENT CHILDREN IN ORANGE COUNTY²

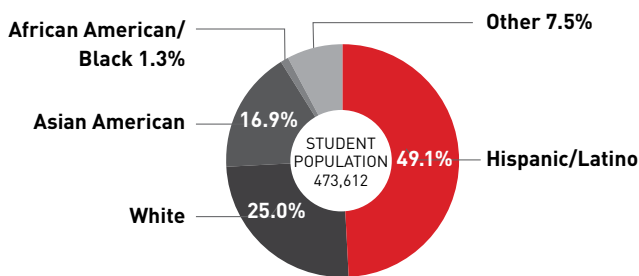


POPULATION INCREASE DUE TO NET MIGRATION VS NATURAL INCREASE³

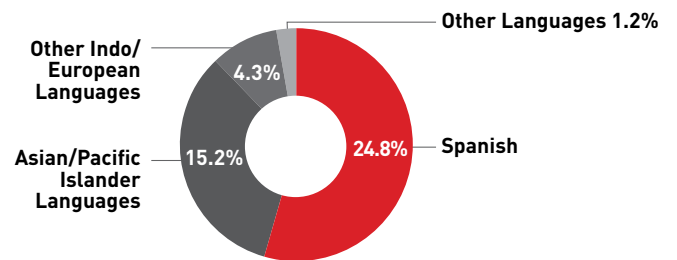


Demographics, 2018/19

GRADE K-12 STUDENT POPULATION BY RACE/ETHNICITY GROUP⁴

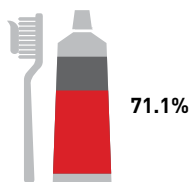


PERCENT OF CHILDREN AGES 5 AND OLDER WHO SPEAK A LANGUAGE OTHER THAN ENGLISH AT HOME⁵



Good Health, 2018

LAST VISIT TO THE DENTIST WAS 6 MONTHS AGO OR LESS AMONG 3-11 YEAR OLDS⁶

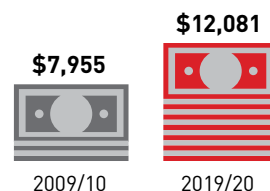


HEALTH STATUS OF 0 TO 17 YEAR OLDS IS EXCELLENT OR VERY GOOD⁷

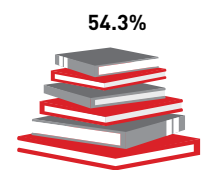


Educational Achievement

ANNUAL EXPENDITURE PER PUPIL⁸

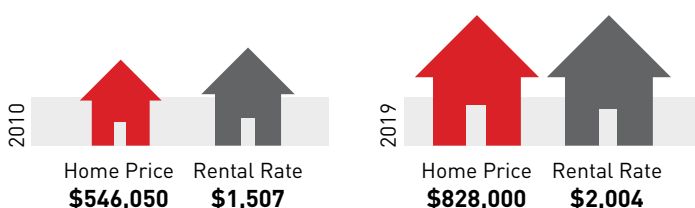


CHILDREN ARE READ TO DAILY (0 TO 5 YEARS OLD), 2018/19⁹



Economic Well-Being

MEDIAN HOME PRICE AND MEDIAN AVERAGE RENTAL RATE¹⁰



MINIMUM INCOME NEEDED TO PURCHASE A MEDIAN-INCOME HOME, 2018/19



Safe Homes and Communities, 2018/19

YOUTH AGES 16 TO 19 YEARS OLD WHO ARE NEITHER WORKING NOR IN SCHOOL¹¹



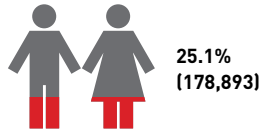
Note: Current data reflect the most recent year of data available, ranging from 2017 to 2020. *Natural increase is total births minus total deaths. Net migration is the net movement including intrastate, interstate and international moves.

COVID-19 IMPACT PLANNING SNAPSHOT

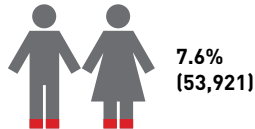
The following snapshot includes data points both depicting direct impacts of COVID-19, as well as children and families who may be uniquely susceptible to its health, social and economic effects. Data included elsewhere in the report (e.g., child poverty) has not been included.

Children 0 to 17 Years Old, 2018

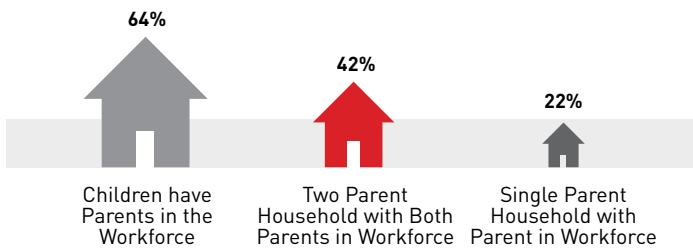
CHILDREN IN SINGLE PARENT HOUSEHOLDS¹³



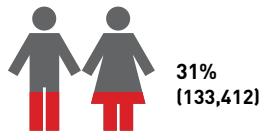
CHILDREN LIVING WITH GRANDPARENT¹⁴



PERCENT OF HOUSEHOLDS WITH CHILDREN WITH PARENTS IN THE WORKFORCE¹⁷



CHILDREN UNDER 6 WITH BOTH PARENTS IN THE WORKFORCE



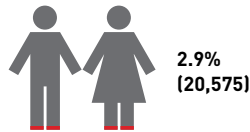
CHILDREN UNDER 6 WITH SINGLE PARENT IN THE WORKFORCE



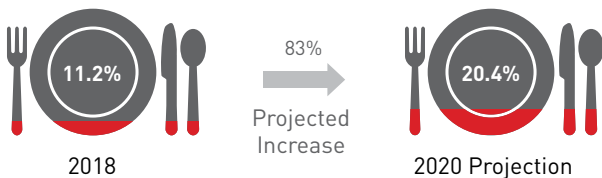
PERCENT OF CHILDREN 5 TO 17 YEARS WITH SELF-CARE DIFFICULTY¹⁵



PERCENT OF CHILDREN WITH DISABILITY¹⁶

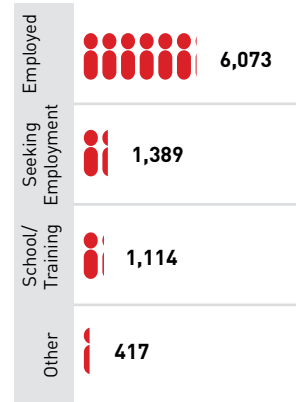


Child Food Insecurity¹⁸

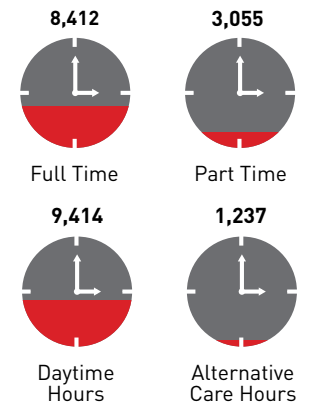


Child Care, 2018/19¹⁹

NUMBER OF FAMILIES NEEDING CHILD CARE, BY REASON

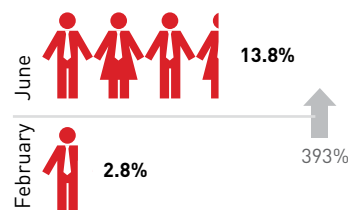


NUMBER OF CHILDREN NEEDING CHILD CARE, BY TYPE

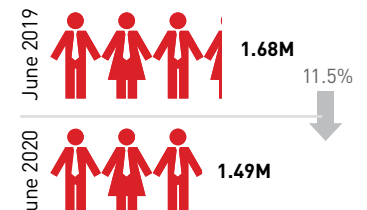


Employment

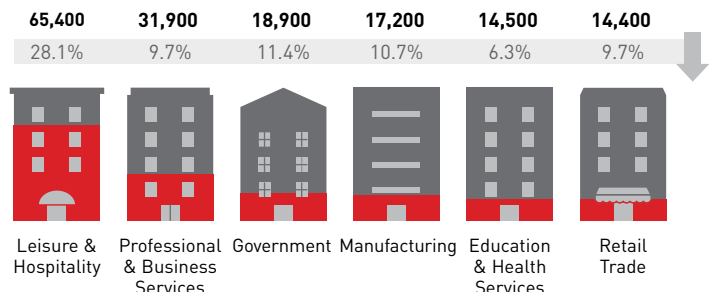
UNEMPLOYMENT IN 2020²⁰



NUMBER OF INDIVIDUALS IN THE WORKFORCE²¹



INDUSTRIES WITH LARGEST NUMBER OF JOB LOSSES²¹



¹ Orange County Health Care Agency. ² KidsData.org. ³ California Department of Finance, E-2. California County Population Estimates and Components of Change by Year. ⁴ CDE DataQuest. ⁵ U.S. Census Bureau, American Community Survey, 2018 1-Year Estimates, Table S1601. ⁶ California Health Interview Survey, 2018. ⁷ California Health Interview Survey, 2018. ⁸ California Department of Education, Current Expense of Education. ⁹ California Health Interview Survey, 2018. ¹⁰ California Association of Realtors, Historical Housing Data, Median Prices of Existing Detached Home. ¹¹ U.S. Census Bureau, ACS, 5-Year Estimate 2014-2018, Table DP02. ¹² U.S. Census Bureau, ACS, 2018 5-Year Estimate, Table S0901. ¹³ U.S. Census Bureau, ACS, 5-Year Estimates, Table S1001. ¹⁴ U.S. Census Bureau, ACS, 1-Year Estimate 2018: Table B18106. ¹⁵ U.S. Census Bureau, ACS, 1-Year Estimate 2018: Table S0901. ¹⁶ U.S. Census Bureau, ACS, 2018 5-Year Estimate, Table S1101. ¹⁷ Feeding America, Map the Meal Gap, The Impact of Coronavirus on Food Insecurity. ¹⁸ Children's Home Society of California, 2018/2019. ¹⁹ Federal Reserve Bank of St. Louis. ²⁰ California, Employment Development Department, Labor Market Information Division.

GOOD HEALTH INDICATORS

ACCESS TO HEALTH CARE

PERCENT OF UNINSURED CHILDREN



10.4%
2009

2.9%
2018

PRETERM BIRTHS

PERCENT OF PRETERM BIRTHS



9.4%
2009

7.6%
2018

OBESITY

PERCENT OF 5TH GRADE STUDENTS WITH HEALTH RISK DUE TO BODY COMPOSITION



18.3%
2013/14

18.3%
2018/19

EARLY PRENATAL CARE

PERCENT OF WOMEN WHO RECEIVED EARLY PRENATAL CARE IN THE FIRST TRIMESTER EXCLUDING SELF-PAY DELIVERIES



88.3%
2009

89.9%
2018

TEEN BIRTHS

BIRTH RATE PER 1,000 FEMALES 15 TO 19 YEARS OF AGE



25.3
2009

8.3
2018

PHYSICAL FITNESS AND NUTRITION

PERCENT OF 5TH GRADE STUDENTS WITH HEALTH RISK DUE TO AEROBIC CAPACITY



5.8%
2013/14

6.4%
2018/19

INFANT MORTALITY

RATE OF INFANT MORTALITY PER 1,000 LIVE BIRTHS



4.1
2009

2.8
2018

BREASTFEEDING

PERCENT EXCLUSIVE BREASTFEEDING AT TIME OF HOSPITAL DISCHARGE



63.1%
2012

67.0%
2018

BEHAVIORAL HEALTH

HOSPITALIZATION RATE FOR SERIOUS MENTAL ILLNESS AND SUBSTANCE ABUSE PER 10,000 CHILDREN



19.2
2009

29.0
2018

LOW BIRTH WEIGHT

PERCENT OF INFANTS WITH LOW BIRTH WEIGHT



6.6%
2009

6.3%
2018

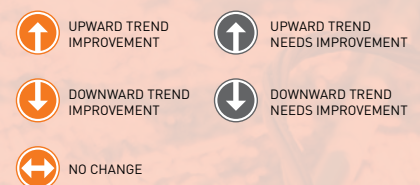
IMMUNIZATIONS

PERCENT OF CHILDREN ADEQUATELY IMMUNIZED BY KINDERGARTEN



89.0%
2010

95.5%
2019



NOTE: Variation in data ranges are due to availability of data and frequency of data collection.



ACCESS TO HEALTH CARE

IN 2018, THE PERCENTAGE OF CHILDREN WHO WERE UNINSURED DECREASED SLIGHTLY WHILE CALIFORNIA RATES STAYED THE SAME.

DESCRIPTION OF INDICATOR

This indicator reports the number and percentage of children 18 years old and under¹ who are uninsured; the number and percentage who do not have a usual source of care; and those who experienced delayed care or did not receive medical care or prescription medications.

Why is this indicator important?

Improving health care access for all children helps to improve prevention, early diagnosis and treatment of health problems. Children with health insurance are more likely to get timely prescription medications and medical or mental health care when needed; are more likely to get preventive care (including immunizations, dental care and vision screenings); and, overall, have better health outcomes.

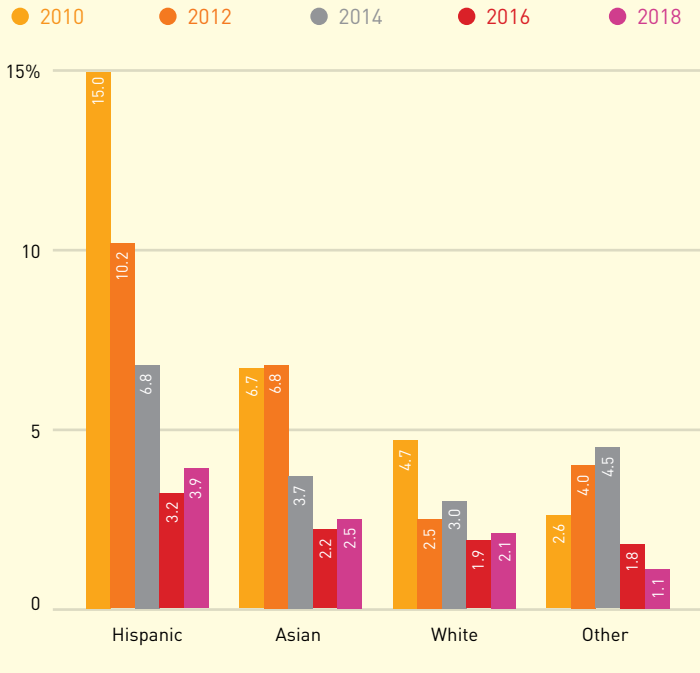
Findings

- In 2018, 2.9% of children were uninsured, representing a drop in uninsured rates by 71.8% since 2009 (10.4%).
- Orange County has a similar rate of uninsured children (2.9%) compared to California (3.1%) and for the fifth consecutive year, this is a lower rate than the United States (5.2% in 2018).
- Hispanic children continue to have higher uninsured rates than other race and ethnicity groups, with 3.9% uninsured in 2018, compared with Asian children (2.5%), White children (1.9%) and Other races (1.1%).
- Uninsured percentages of very young children (0-5 years old) have dropped overall by 72.7%, from 8.9% in 2009 to 2.4% in 2018. Similarly, rates of uninsured 6 to 17-year-olds have dropped by 71.8%, from 11.2% in 2009 to 3.2%² in 2018.
- In addition, the California Health Interview Survey (pooled estimate for 2014 through 2018) reveals:³
 - An estimated 11.2% Orange County children annually did not have a usual source of care to go to when they were sick or needed health advice.
 - Approximately 2.7% of Orange County children experienced a delay or lack of medical care and 2.2% experienced a delay or lack of needed prescription medications.
 - Most Orange County children who had access to a usual source of care went to a doctor's office (70.0%), while 18.1% went to a clinic or community hospital. The proportion of children who regularly visited an Emergency Department, urgent care center or other location were those without a usual source of care (11.2%).

¹ Due to changes in data reporting with the U.S. Census, data as of 2017 includes children 0-18 years. Prior year data included only children ages 0-17. The U.S. Census released the following statement regarding the changes: "[In 2017] Multiple health insurance tables were updated to have categories that better align with the current health insurance landscape [...] Estimates for 2017 and 2018 include children ages 0 - 18. Increases in the percent of uninsured children in 2017 from 2016 may be attributable to this change in reported age groups. See prior footnote. ² UCLA Center for Health Policy Research, Los Angeles, CA. AskCHIS. Available at <http://askchis.ucla.edu>.

GOOD HEALTH

Percent of Children Uninsured, by Race/Ethnicity, 2010 to 2018



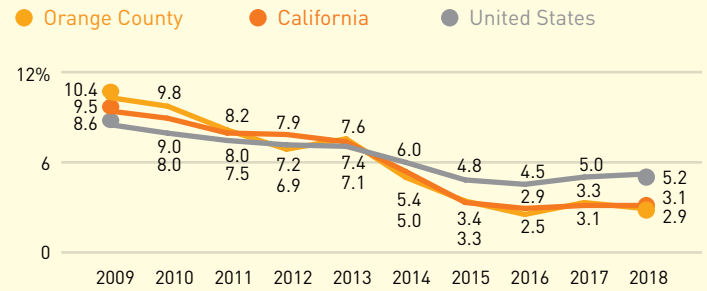
Source: U.S. Census Bureau, American Community Survey, 1-Year Estimates, Tables B27001 A-I, C2700E

Other includes: Black/African American, AIAN, 2+ races and Other races

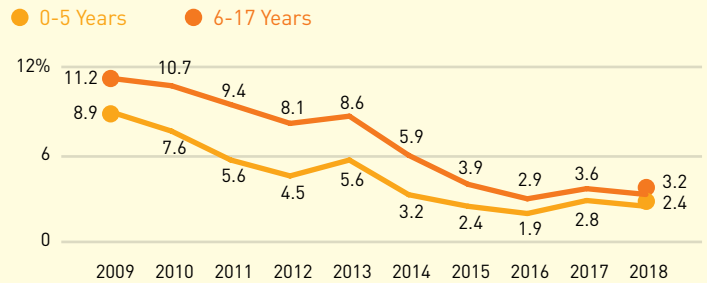
*Increases in the percent of uninsured children in 2017 and after may be attributable to change in reported age groups. See footnote 1.

Percent of Children Under 18 Years Who Were Uninsured

Orange County, California and United States, 2009 to 2018



By Age Group, 2009 to 2018



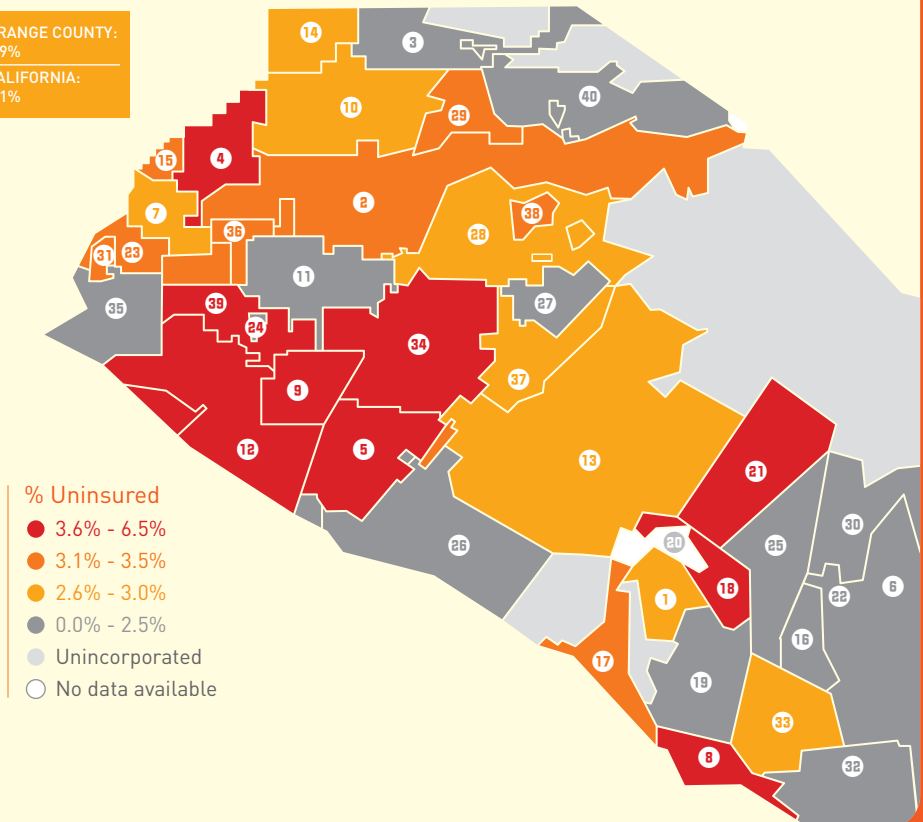
Source: U.S. Census Bureau, American Community Survey, 1-Year Estimates, Tables S2701 (2009-2018) and B27001 (2008)

*See footnote 1

Percent of Children 18 Years and Under Who Were Uninsured, by Community of Residence 5-Year Average, 2018

1 ALISO VIEJO 2.8%	15 LA PALMA 3.1%	29 PLACENTIA 3.5%
2 ANAHEIM 3.3%	16 LADERA RANCH 1.2%	30 RANCHO SANTA MARGARITA 2.1%
3 BREA 2.2%	17 LAGUNA BEACH 3.2%	31 ROSSMOOR 3.3%
4 BUENA PARK 4.4%	18 LAGUNA HILLS 4.1%	32 SAN CLEMENTE 0.6%
5 COSTA MESA 3.6%	19 LAGUNA NIGUEL 0.0%	33 SAN JUAN CAPISTRANO 3.0%
6 COTO DE CAZA 2.5%	20 LAGUNA WOODS* N/A	34 SANTA ANA 4.2%
7 CYPRESS 2.9%	21 LAKE FOREST 4.7%	35 SEAL BEACH 1.2%
8 DANA POINT 4.3%	22 LAS FLORES 0.0%	36 STANTON 3.5%
9 FOUNTAIN VALLEY 4.5%	23 LOS ALAMITOS 3.5%	37 TUSTIN 3.0%
10 FULLERTON 3.1%	24 MIDWAY CITY 0.0%	38 VILLA PARK 3.5%
11 GARDEN GROVE 2.4%	25 MISSION VIEJO 1.4%	39 WESTMINSTER 6.5%
12 HUNTINGTON BEACH 3.7%	26 NEWPORT BEACH 0.0%	40 YORBA LINDA 2.2%
13 IRVINE 2.6%	27 NORTH TUSTIN 2.2%	
14 LA HABRA 3.0%	28 ORANGE 2.9%	

ORANGE COUNTY: 2.9%
CALIFORNIA: 3.1%



*Estimate unstable due to small population of children.

Source: U.S. Census Bureau, American Community Survey, 5-Year Estimates, 2018

EARLY PRENATAL CARE

NINE IN 10 WOMEN WHO USE INSURANCE RECEIVE EARLY PRENATAL CARE.

DESCRIPTION OF INDICATOR

This indicator tracks the number and percent of infants born to women whose prenatal care began during the first trimester (the first three months) of pregnancy.

Why is this indicator important?

Getting regular prenatal care as soon as a woman knows she is pregnant improves the potential for a healthy pregnancy resulting in a full-term baby. Ideally, this care should begin with a preconception care visit to a health care provider. Prenatal care provides screening and management of a woman's risk factors and health conditions to reduce pregnancy complications, as well as education and counseling on healthy behaviors during and after pregnancy.¹ While the value of initiating prenatal care during early pregnancy is not disputed, evidence equating late prenatal care with adverse pregnancy outcomes is limited. Additionally, certain genetic, behavioral, social, environmental and other factors can also adversely affect the ability to have a healthy, full-term baby. Still, late prenatal care has been associated with risk of maternal death in all women (especially among minorities), increased rates of preterm delivery, low birth weight and congenital malformations.²

Findings

- In 2018, Orange County's rate of women receiving early prenatal care was 88.4%, up 4% since 2016 and greater than both California (85.7%) and the United States (77.5%).³

- The percent of women receiving early prenatal care has begun to rebound from a decreasing trend between 2013 and 2016. This decrease was correlated with an increase in self-pay deliveries.⁴
 - Self-pay deliveries are those paid through cash payment rather than health insurance and are often associated with foreign visitors that travel to the U.S. to give birth. These women generally arrive in the U.S. late in their pregnancy and leave shortly after giving birth; therefore, these births typically have no recorded prenatal care. In 2018, there were 3,896 self-pay deliveries in Orange County, an increase from 823 in 2008. Nearly 84% of self-pay deliveries in 2018 were among Asian/Pacific Island women.
 - When self-pay deliveries are excluded, the percent of women who received early prenatal care in Orange County in 2018 increases from 88.4% to 89.9%.
- With self-pay deliveries excluded, 93.3% of White women received early prenatal care followed by Asian/Pacific Islander (91.4%), Hispanic (86.9%) and Black (86.6%) women. Early prenatal care rates for each race/ethnicity increased from 2016, continuing the upward trend seen since 2014 and besting rates seen in 2009.

¹ Hagan, J. F., Shaw, J. S., and Duncan, P. M., Eds. (2008). ² Smith, A. and Bassett-Novoa, E., Late Presentation to Prenatal Care, American Family Physician, Volume 92, Number 5, September 1, 2015. ³ National Center for Health Statistics, final natality data. Retrieved from www.marchofdimes.org/peristats. ⁴ Self-pay deliveries in Orange County increased substantially in 2014, 2015 and 2016. Analysis of trends indicates correlation of individuals with self-pay deliveries with lack of documentation of early prenatal care. Self-pay deliveries are mostly to Asian women. Self-pay deliveries only comprise a minor percentage for all other races/ethnicities and exclusion does not affect the prenatal care percentages for these groups. Further analyses indicates that early prenatal care in Orange County remains relatively stable when self-pay deliveries are considered.

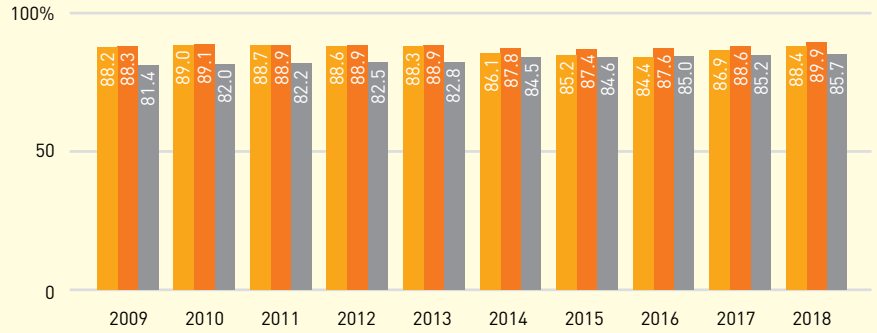
GOOD HEALTH

Percent of Women who Received Early Prenatal Care in the First Trimester, Orange County and California, 2009 to 2018

- Orange County
- Orange County, Excluding Self-Pay
- California

California Source: National Center for Health Statistics, final natality data. Retrieved from www.marchofdimes.org/peristats

Orange County Source: Orange County Health Care Agency, Family Health Division



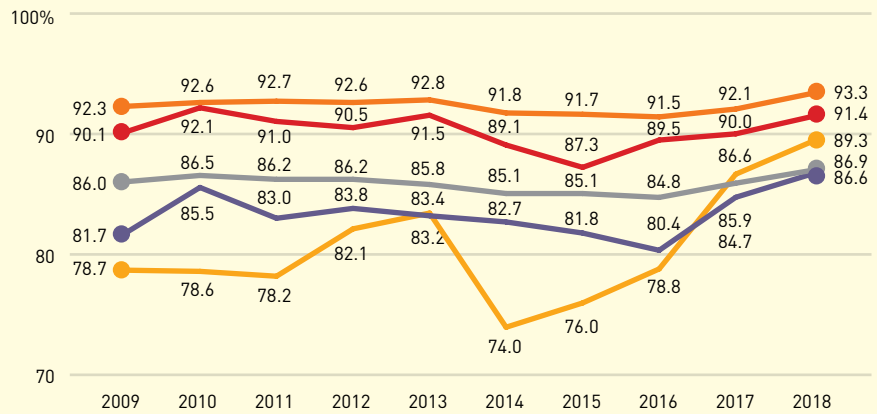
Percent of Women who Received Early Prenatal Care in the First Trimester, Excluding Self-Pay Deliveries, by Race/Ethnicity, 2009 to 2018

- White
- Asian
- Hispanic
- Black
- Other*

*For 2009 to 2016, "Other" includes Pacific Islander, Multiracial, Other and Unknown. Rates for Pacific Islander were included with Asian starting in 2017.

Note: If comparing to state and national data, beginning in 2006, individuals whose race/ethnicity is not stated or is unknown have been grouped with Non-Hispanic Whites for CA and U.S. statistics. As a result, Hispanic rates are potentially underestimated.

Source: Orange County Health Care Agency, Family Health Division

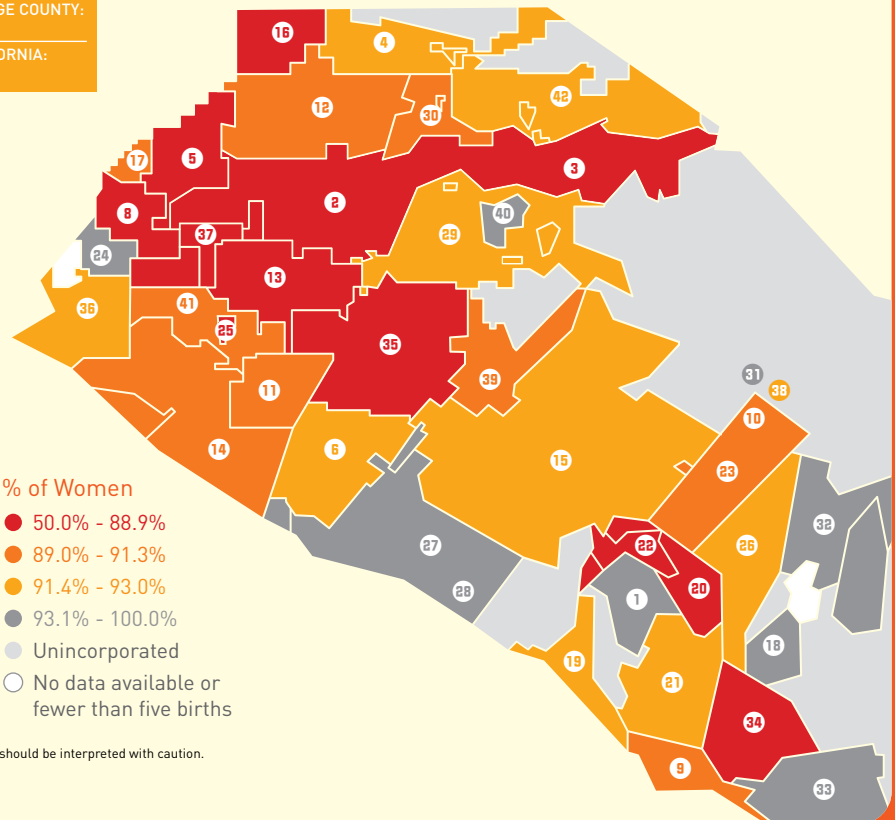


Percent of Women who Received Early Prenatal Care, Excluding Self-Pay Deliveries in Orange County, by City of Residence, 2018

- | | | |
|------------------------------|---------------------------|------------------------------------|
| 1 ALISO VIEJO
93.1% | 15 IRVINE
92.1% | 29 ORANGE
91.4% |
| 2 ANAHEIM
87.0% | 16 LA HABRA
86.9% | 30 PLACENTIA
90.0% |
| 3 ANAHEIM HILLS
91.4% | 17 LA PALMA
90.2% | 31 PORTOLA HILLS*
100.0% |
| 4 BREA
92.2% | 18 LADERA RANCH
95.6% | 32 RANCHO SANTA MARGARITA
94.9% |
| 5 BUENA PARK
88.1% | 19 LAGUNA BEACH
92.2% | 33 SAN CLEMENTE
93.9% |
| 6 COSTA MESA
92.3% | 20 LAGUNA HILLS
88.3% | 34 SAN JUAN CAPISTRANO
88.1% |
| 7 COTO DE CAZA
100.0% | 21 LAGUNA NIGUEL
92.3% | 35 SANTA ANA
87.4% |
| 8 CYPRESS
87.6% | 22 LAGUNA WOODS*
50.0% | 36 SEAL BEACH
92.3% |
| 9 DANA POINT
90.1% | 23 LAKE FOREST
90.2% | 37 STANTON
81.8% |
| 10 FOOTHILL RANCH
90.1% | 24 LOS ALAMITOS
93.2% | 38 TRABUCO CANYON
92.4% |
| 11 FOUNTAIN VALLEY
91.2% | 25 MIDWAY CITY
84.1% | 39 TUSTIN
90.9% |
| 12 FULLERTON
89.4% | 26 MISSION VIEJO
92.2% | 40 VILLA PARK
100.0% |
| 13 GARDEN GROVE
87.3% | 27 NEWPORT BEACH
95.9% | 41 WESTMINSTER
89.1% |
| 14 HUNTINGTON BEACH
91.2% | 28 NEWPORT COAST
97.0% | 42 YORBA LINDA
93.0% |

ORANGE COUNTY:
89.9%

CALIFORNIA:
85.7%



Note: *Rate is based on fewer than five births. Rates based on less than five events are unstable and should be interpreted with caution.

Source: Orange County Health Care Agency, Family Health Division

INFANT MORTALITY

2018 INFANT MORTALITY RATE IS THIRD LOWEST IN LAST TEN YEARS.

DESCRIPTION OF INDICATOR

The infant mortality indicator refers to deaths of infants under one year of age. The number and rate of infant mortality is calculated per 1,000 live births per year.

Why is this indicator important?

The infant mortality rate is a widely-used indicator of societal health because it is associated with maternal health, quality of and access to medical care, socioeconomic conditions and public health practices. Improvements in the infant mortality rate may reflect progress in medical technology, hygiene and sanitation systems, economic well-being and the availability and use of both preventive and clinical health services.¹ Despite the overall decline in infant mortality since 2002, there continue to be racial disparities in the rates. In the past, these disparities had been only partially explained by factors such as adequacy and quality of prenatal care.

Findings

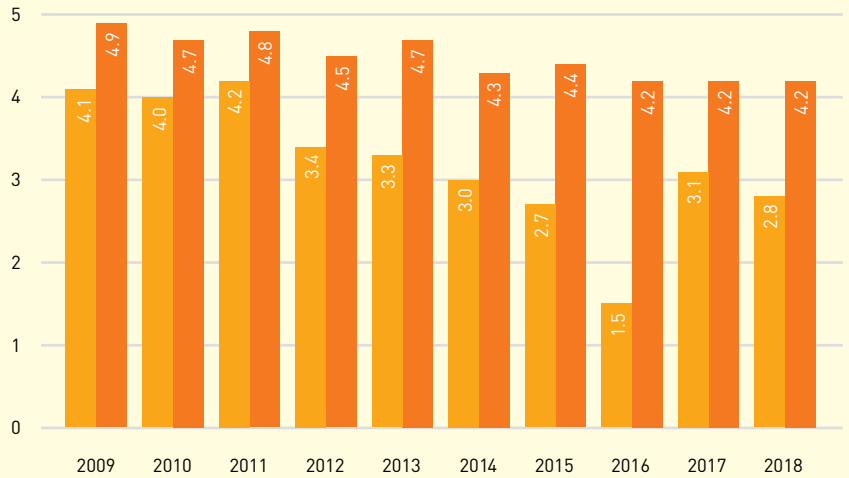
- In 2018, there were 100 infant deaths in Orange County.
- The infant mortality rate was 2.8 deaths per 1,000 births in 2018, a 31.7% decrease since 2009. This rate is lower than California's rate of 4.2² and the United States' rate of 5.8.³ However, this rate is an increase of 86.6% from a low of 1.5 deaths per 1,000 births in 2016.
- Leading causes of infant mortality were maternal causes⁴ (24%), congenital anomalies (birth defects) (22%), all other causes (22%), short gestation/low birth weight (14%) and other conditions of the perinatal period (10%).
- In 2018, disparities among races and ethnicities narrowed. Infant mortality rates (per 1,000 live births) were highest among White (3.0) infants, followed by Hispanic (2.8) and Asian (2.1) infants.

GOOD HEALTH

Infant Mortality Rate per 1,000 Live Births, Orange County and California, 2009 to 2018

- Orange County
- California

Source: Orange County Health Care Agency

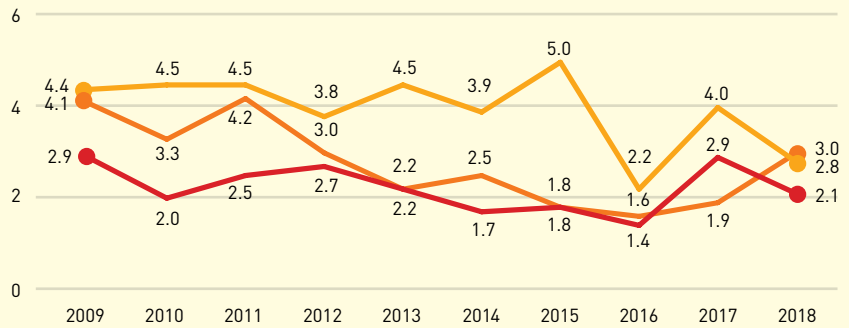


Infant Mortality Rate per 1,000 Live Births, by Race and Ethnicity 2009 to 2018

- Hispanic
- White
- Asian

Note: Rates based on less than five deaths are unstable, and therefore should be interpreted with caution. Black infant mortality rates are not included because the relatively low numbers of Black infant births and deaths in Orange County yield unreliable statistics for annual comparison.

Source: Orange County Health Care Agency



Percent of Infant Deaths, by Cause, 2018

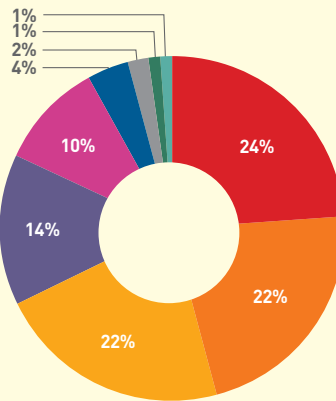
- Maternal Causes*
- Congenital Anomalies (Birth Defects)
- All Other Causes
- Short Gestation/Low Birth Weight
- Other Conditions of Perinatal Period
- Sudden, Unexpected Infant Death (SUID)**
- Pneumonia and Influenza
- Respiratory Distress Syndrome (RDS)
- Accidents and Adverse Effects

*Maternal Causes includes causes such as hypertension, premature rupture of membranes, malpresentation, placenta previa, alcohol/drug abuse, or other complications of labor and delivery.

**Beginning 2017, SIDS cases will be categorized within SUID.

Note: Due to rounding percentages may not add up to 100.

Source: Orange County Health Care Agency, Orange County Coroner Division



LOW BIRTH WEIGHT

LOW BIRTH WEIGHT REMAINS STEADY AT 6.3% OF ALL BIRTHS.

DESCRIPTION OF INDICATOR

This indicator reports the total number of low birth weight infants and very low birth weight infants as a proportion of the total number of births. Low birth weight is defined as infants born weighing less than 2,500 grams (5 pounds, 8 ounces). Very low birth weight infants are defined as a subset of low birth weight infants born weighing less than 1,500 grams (3 pounds, 5 ounces).

Why is this indicator important?

Low birth weight infants have an increased risk of experiencing developmental problems and delays. In addition, these infants are at higher risk for serious illness, disability, lifelong health difficulties and are more likely to die before their first birthday.¹ Among very low birth weight infants, the risks are higher and the negative outcomes more severe, especially the risk of death in the first year – 22% compared to 1% for low birth weight infants.² The primary causes of low birth weight are premature birth and fetal growth restriction. Risk factors for low birth weight include maternal smoking, alcohol/drug use during pregnancy, multiple births, poor nutrition, maternal age, socioeconomic factors, domestic violence and maternal or fetal infections.

Findings

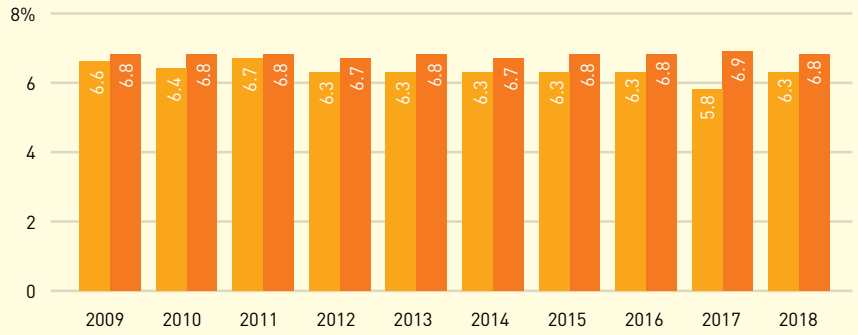
- In 2018, there were 35,578 births to residents in Orange County, of which 6.3% (2,227) were low birth weight infants, a 6.0% decrease from the 10-year high of 6.7% in 2011. However, the percent of low birth weight infants increased by 8.6% from the previous year (5.8% in 2017).
- Overall, the Orange County rate is lower than the 2018 rates for California (6.8%)³ and the United States (8.3%).⁴
- Very low birth weight infants comprised less than 1.0% (312) of the total births.
- When assessed by race/ethnicity, the percent of low birth weight infants within each group were: Black (9.7%), Hispanic (6.6%), Asian (6.4%) and White (5.5%) infants. Percent of low birth weight infants increased across all race/ethnicity groups between 2017 and 2018.

GOOD HEALTH

Percent of Infants with Low Birth Weight Orange County and California, 2009 to 2018

- Orange County
- California

Source: Orange County Health Care Agency, Family Health Division

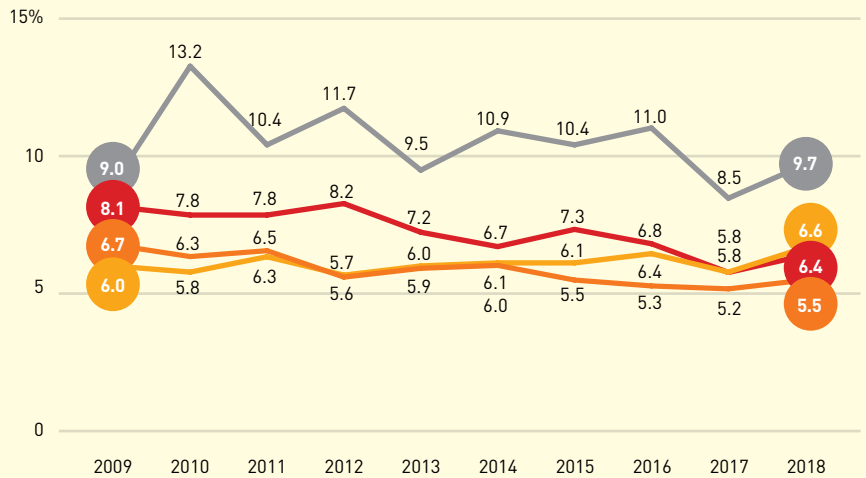


Percent of Infants with Low Birth Weight, by Race/Ethnicity, 2009 to 2018

- Black
- Asian
- White
- Hispanic

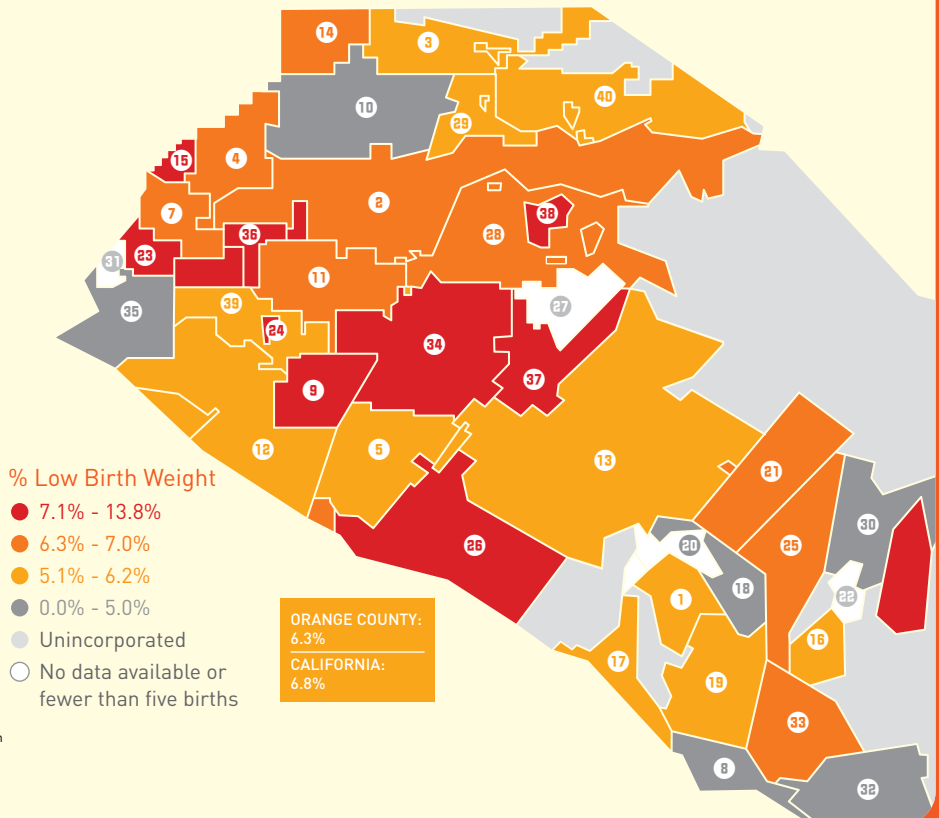
Note: Due to relatively low numbers of Black infants statistics for this group are unreliable.

Source: Orange County Health Care Agency, Family Health Division



Percent of Infants with Low Birth Weight, by Community of Residence, 2018

- | | | |
|-----------------------------|--------------------------|-----------------------------------|
| 1 ALISO VIEJO
5.2% | 14 LA HABRA
7.0% | 28 ORANGE
7.0% |
| 2 ANAHEIM
7.7% | 15 LA PALMA
13.8% | 29 PLACENTIA
5.9% |
| 3 BREA
5.5% | 16 LADERA RANCH
5.4% | 30 RANCHO SANTA MARGARITA
4.8% |
| 4 BUENA PARK
6.6% | 17 LAGUNA BEACH
5.7% | 31 ROSSMOOR
N/A |
| 5 COSTA MESA
5.2% | 18 LAGUNA HILLS
3.5% | 32 SAN CLEMENTE
4.7% |
| 6 COTO DE CAZA*
8.1% | 19 LAGUNA NIGUEL
6.1% | 33 SAN JUAN CAPISTRANO
3.0% |
| 7 CYPRESS
6.9% | 20 LAGUNA WOODS*
0.0% | 34 SANTA ANA
7.2% |
| 8 DANA POINT
4.4% | 21 LAKE FOREST
6.4% | 35 SEAL BEACH
4.8% |
| 9 FOUNTAIN VALLEY
7.4% | 22 LAS FLORES
N/A | 36 STANTON
8.8% |
| 10 FULLERTON
5.0% | 23 LOS ALAMITOS
8.0% | 37 TUSTIN
7.1% |
| 11 GARDEN GROVE
7.0% | 24 MIDWAY CITY
8.4% | 38 VILLA PARK
7.7% |
| 12 HUNTINGTON BEACH
6.2% | 25 MISSION VIEJO
6.4% | 39 WESTMINSTER
5.3% |
| 13 IRVINE
5.4% | 26 NEWPORT BEACH
7.2% | 40 YORBA LINDA
6.2% |
| | 27 NORTH TUSTIN
N/A | |



Note: N/A is no data available. *Rates based on less than five low birthweight births (less than 2,500 grams) are unstable and therefore should be interpreted with caution.

Source: Orange County Health Care Agency, Family Health Division

PRETERM BIRTHS

10-YEAR DECREASE IN PRETERM BIRTHS FOR ALL RACES AND ETHNICITIES.

DESCRIPTION OF INDICATOR

This indicator reports the percentage of total annual births which are preterm. Preterm birth is defined as the delivery of an infant at less than 37 weeks of gestation, the period of time between conception and birth. Late preterm births (occurring between 34 to 36 weeks of gestation), moderate preterm births (occurring between 32 to 33 weeks of gestation) and very preterm births (occurring less than 32 weeks of gestation) are subsets of preterm births.¹

Why is this indicator important?

Preterm birth is an important public health issue requiring sustained focus on its causes, consequences and prevention strategies.² Several factors – economic, personal, medical and behavioral – may increase the likelihood that a woman has preterm labor and delivers early.³ Compared to infants born at term, preterm infants are more likely to suffer lifelong neurologic, cognitive and behavioral problems.^{4,5} Preterm births and low birth weight are often, but not always, associated. The United States preterm birth rate in 2018 remained the same as the previous year at 9.9%, as did the rate of low birthweight (8.3% in 2018).⁶ Preterm births cost the United State's health care system more than \$25.2 billion each year.⁷

Findings

- Preterm births accounted for 7.6% of the 35,578 births to Orange County residents in 2018. This percentage represents a 19.0% decrease from 2009 (9.4%). By comparison, the rate for the United States was higher at 9.9% as was the rate for California (8.8%).⁸
- Disparities persist with preterm births among Black infants at 9.4%, followed by Hispanic (8.7%), White (7.3%) and Asian (6.4%) infants. The percentages decreased for all races and ethnicities, compared to 2009.
- Mothers under the age of 15 and over the age of 40 had the highest rate of preterm births at 12.5% and 11.4%, respectively. Mothers ages 25 - 29 had the lowest rate at 6.6%

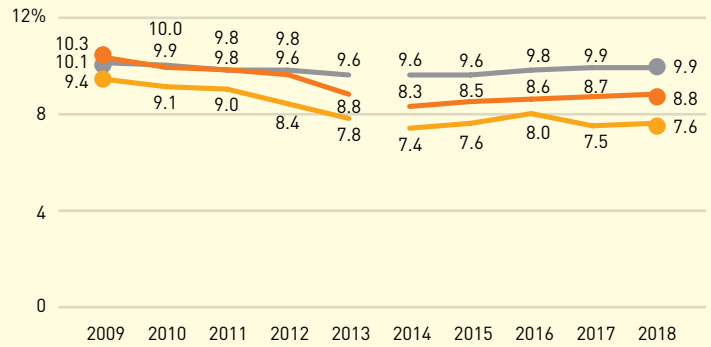
¹ Since 2014, preterm births have been calculated by establishing the gestational age based on the obstetric estimate. For years 2013 and earlier, the gestational age was calculated in the month prenatal care began by recording the date of the last normal menses. This change may lead to a slight discontinuity in prenatal care results between years 2013 and 2014. ² Surgeon General's Conference on the Prevention of Preterm Birth, 2008. ³ Centers for Disease Control, Preterm Birth Infographic. ⁴ Martin, J.A., et al, 2012. ⁵ Mathews, T.J., MacDorman, M.F., 2012. ⁶ National Vital Statistics Reports, Vol. 68, No. 13, November 27, 2019. ⁷ 2019 March of Dimes Report Card. ⁸ County of Orange Health Care Agency, March of Dimes Report Card.

GOOD HEALTH

Percent of Preterm Births, Orange County, California and United States, 2009 to 2018

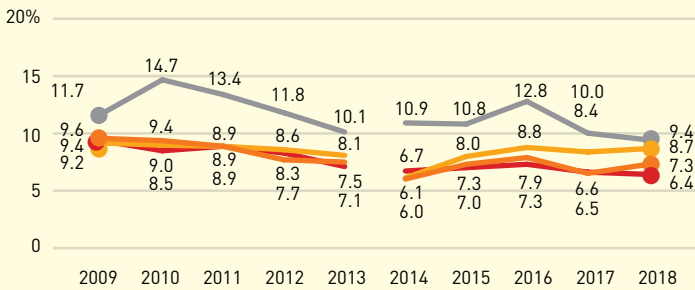
United States California Orange County

Note: Percent calculated from number of births with known obstetric estimate gestational age less than 37 weeks for 2014. Rates prior to 2014 were calculated from last menstrual cycle dates. Source: Orange County Health Care Agency; March of Dimes Report Card



Percent of Preterm Births, by Race/Ethnicity, 2009 to 2018

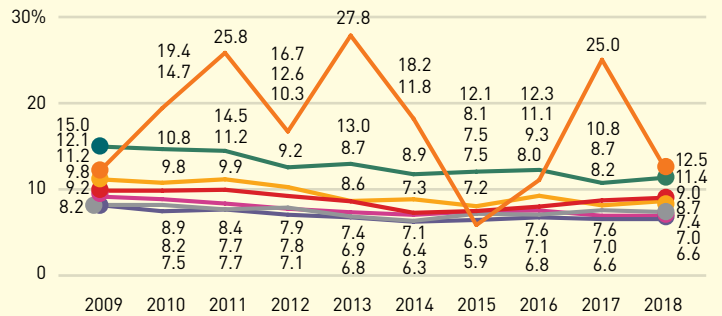
Black White Hispanic Asian



Note: Percent calculated from number of births with known obstetric estimate gestational age less than 37 weeks for 2014. Rates prior to 2014 were calculated from last menstrual cycle dates. Source: Orange County Health Care Agency

Percent of Preterm Births by Mother's Age, Orange County, 2009 to 2018

<15 Years 15-19 years 20-24 years 25-29 years 30-34 Years 35-39 Years 40+ Years

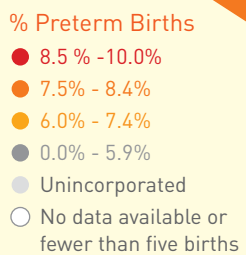


Source: Orange County Health Care Agency

Percent of Preterm Births, by Community of Residence, 2018

- | | | |
|--------------------------|-----------------------|--------------------------------|
| 1 ALISO VIEJO 8.2% | 14 IRVINE 5.6% | 28 PLACENTIA 7.3% |
| 2 ANAHEIM 8.8% | 15 LA HABRA 10.0% | 29 RANCHO SANTA MARGARITA 7.6% |
| 3 BREA 5.1% | 16 LA PALMA 6.9% | 30 ROSSMOOR N/A |
| 4 BUENA PARK 7.6% | 17 LADERA RANCH 6.0% | 31 SAN CLEMENTE 6.0% |
| 5 COSTA MESA 6.2% | 18 LAGUNA BEACH 9.5% | 32 SAN JUAN CAPISTRANO 5.4% |
| 6 COTO DE CAZA* 8.1% | 19 LAGUNA HILLS 6.6% | 33 SANTA ANA 9.2% |
| 7 CYPRESS 9.2% | 20 LAGUNA NIGUEL 8.4% | 34 SEAL BEACH 5.4% |
| 8 DANA POINT 6.3% | 21 LAGUNA WOODS* 0.0% | 35 STANTON 9.4% |
| 9 FOOTHILL RANCH 5.3% | 22 LAKE FOREST 7.1% | 36 TRABUCO CANYON 4.7% |
| 10 FOUNTAIN VALLEY 8.5% | 23 LOS ALAMITOS 7.4% | 37 TUSTIN 8.2% |
| 11 FULLERTON 7.0% | 24 MIDWAY CITY 6.0% | 38 VILLA PARK* 3.8% |
| 12 GARDEN GROVE 8.0% | 25 MISSION VIEJO 7.4% | 40 WESTMINSTER 7.5% |
| 13 HUNTINGTON BEACH 7.5% | 26 NEWPORT BEACH 7.6% | 40 YORBA LINDA 8.8% |
| | 27 ORANGE 9.3% | |

ORANGE COUNTY: 7.6%
CALIFORNIA: 8.8%



Note: *Percentages based on less than five preterm births (17-36 weeks) are unstable and therefore should be interpreted with caution. Source: Orange County Health Care Agency, Family Health Division

TEEN BIRTHS

TEEN BIRTH RATE CONTINUES TO DECLINE WHILE RACIAL AND ETHNIC DISPARITIES PERSIST.

DESCRIPTION OF INDICATOR

This indicator reports the percent of total annual births occurring among female residents ages 19 years and under and the teen birth rate, which is a calculation of annual teen births per 1,000 females ages 15 to 19 years per year.

Why is this indicator important?

Giving birth as a teen can have profoundly negative consequences for both the teen parents and the infant. Teen births also have negative consequences for society. Teen mothers are less likely to complete high school or college. They are more likely to require public assistance and live in poverty than their peers who are not mothers.¹ Infants born to teen mothers are at greater risk for low birth weight, preterm birth and death in infancy. These infants have a lower probability of obtaining the emotional and financial resources they need throughout childhood to develop into independent, productive, well-adjusted adults.² Teen birth rates have declined significantly since 1991, representing an estimated annual U.S. taxpayer savings of \$4.4 billion in 2015 alone.³ However, teen births still cost taxpayers an estimated \$1.9 billion in 2015. For California, the estimated taxpayer costs were \$159 million in 2015 and for Orange County, \$8.96 million in 2015 (societal costs are estimated to be even higher).

Findings

- In 2018, 2.6% (935) of all Orange County births were to teen females ages 19 years and under, a 61.8% decrease from 6.8% (2,764) in 2009. Overall, total births decreased 12.0% from 40,431 in 2009 to 35,578 births in 2018.
- The teen birth rate in Orange County in 2018 was 8.3 births per 1,000 females ages 15 to 19, a decrease of 67.2% from 25.3 births per 1,000 in 2009.
- At 8.3 births per 1,000 teen females, Orange County has a lower teen birth rate than California (13.6)⁴ and the United States (17.4).⁵
- When assessed by race/ethnicity, Hispanic teens had the highest birth rate (15.9 births per 1,000 Hispanic teen females), followed by Black (8.2), White (2.1) and Asian (0.8) teens in Orange County.
- Teen birth rates in Orange County have declined for all races and ethnicities, with Hispanic teens experiencing the most dramatic drop (69.5% in 10 years).

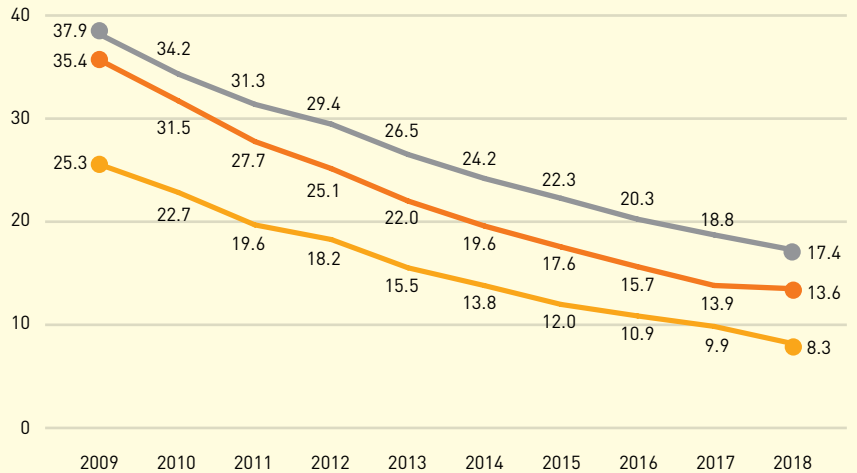
¹ Healthy People 2020, 2014. ² CDC, Vital Signs: Teen Pregnancy, 1991-2009. ³ Power to Decide: Progress Pays Off. National Public Savings Data, 2015. This estimate of public savings factors in Medicaid spending associated with prenatal care, labor, delivery, postpartum care and a year of infant care, in addition to spending associated with public assistance during pregnancy and/or the year following a birth for those who received benefits. ⁴ State of California, Department of Public Health, Maternal, Child and Adolescent Health Division. ⁵ Centers for Disease Control, National Center for Health Statistics, National Vital Statistics Reports, Vol. 68, No. 13, November 27, 2019.

GOOD HEALTH

Birth Rate per 1,000 Females 15 to 19 Years of Age, Orange County, California and United States, 2009 to 2018

- United States
- California
- Orange County

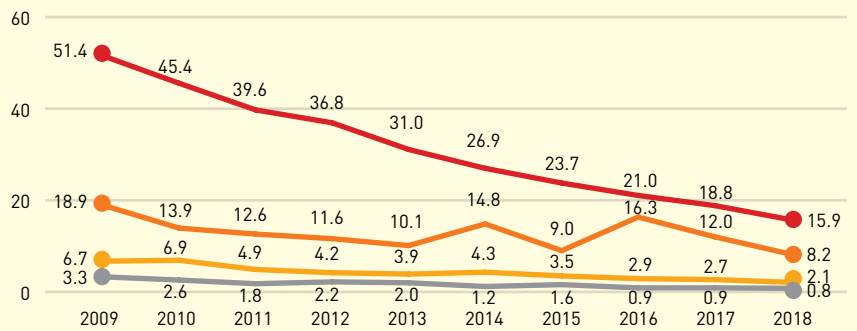
Note: Rates calculated using data from State of California, Department of Finance
 Source Orange County: Orange County Health Care Agency
 Source California: State of California, Health Information and Research Section
 Source United States: National vital statistics reports: National Center for Health Statistics



Birth Rate per 1,000 Females 15 to 19 Years of Age, by Race/Ethnicity, 2009 to 2018

- Hispanic
- Black
- White
- Asian

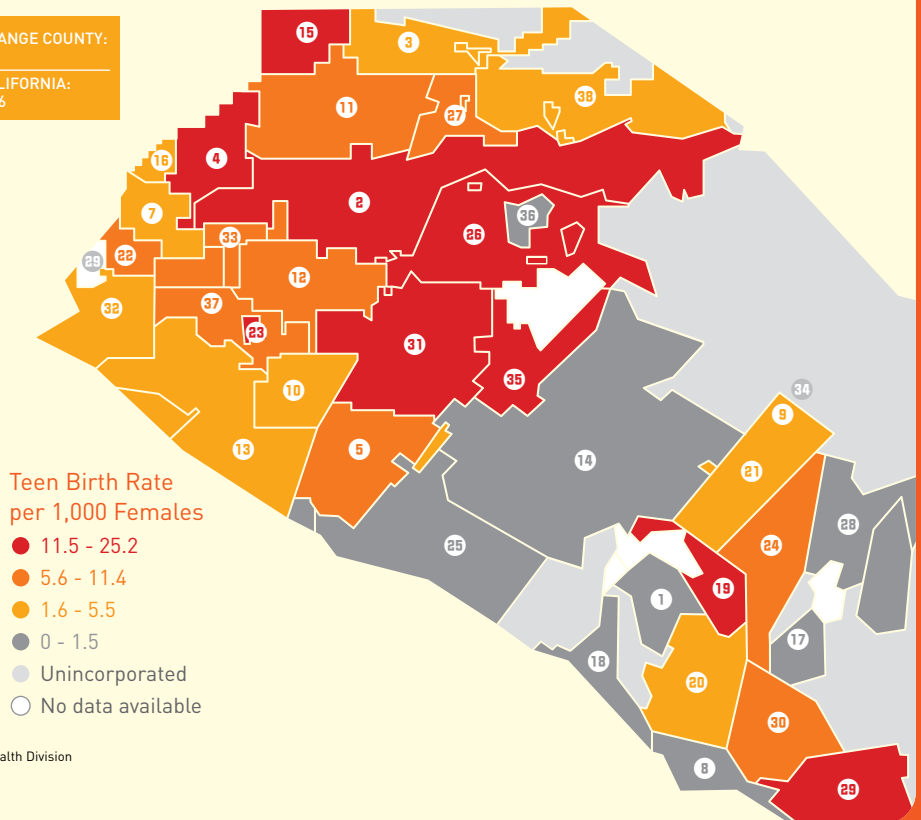
Source: Orange County Health Care Agency



Birth Rates per 1,000 Females 15 to 19 Years of Age, by Community of Residence, 2014 to 2018, 5 year Average

- | | | |
|----------------------------|-------------------------|----------------------------------|
| 1 ALISO VIEJO
1.2 | 14 IRVINE
0.6 | 28 RANCHO SANTA MARGARITA
0.6 |
| 2 ANAHEIM
15.4 | 15 LA HABRA
13.2 | 29 SAN CLEMENTE
11.9 |
| 3 BREA
4.2 | 16 LA PALMA
4.4 | 30 SAN JUAN CAPISTRANO
8.7 |
| 4 BUENA PARK
13.0 | 17 LADERA RANCH
1.2 | 31 SANTA ANA
25.2 |
| 5 COSTA MESA
11.0 | 18 LAGUNA BEACH
1.5 | 32 SEAL BEACH
2.9 |
| 6 COTO DE CAZA
0.0 | 19 LAGUNA HILLS
13.9 | 33 STANTON
9.3 |
| 7 CYPRESS
3.3 | 20 LAGUNA NIGUEL
3.3 | 34 TRABUCO CANYON
N/A |
| 8 DANA POINT
1.4 | 21 LAKE FOREST
4.7 | 35 TUSTIN
12.8 |
| 9 FOOTHILL RANCH
N/A | 22 LOS ALAMITOS
5.6 | 36 VILLA PARK CITY
0.0 |
| 10 FOUNTAIN VALLEY
2.9 | 23 MIDWAY CITY
17.9 | 37 WESTMINSTER
9.3 |
| 11 FULLERTON
8.8 | 24 MISSION VIEJO
5.7 | 38 YORBA LINDA
1.9 |
| 12 GARDEN GROVE
9.6 | 25 NEWPORT BEACH
0.5 | |
| 13 HUNTINGTON BEACH
5.2 | 26 ORANGE
14.3 | |
| | 27 PLACENTIA
11.4 | |

ORANGE COUNTY:
8.3
CALIFORNIA:
13.6



Note: N/A indicates no data are available. Source: Orange County Health Care Agency, Family Health Division
 Population source: U.S. Census Bureau, American Community Survey, 5-Year Estimates

BREASTFEEDING

PERCENTAGE OF MOTHERS EXCLUSIVELY BREASTFEEDING THREE MONTHS AFTER DELIVERY REACHES A 5-YEAR HIGH.

DESCRIPTION OF INDICATOR

This indicator reports the prevalence of breastfeeding using two California Department of Public Health data sources. The In-Hospital Newborn Screening Program documents feeding practices at the time of hospital discharge. The Maternal Infant Health Assessment (MIHA) is an annual statewide-representative survey of women with a recent live birth in California. In-Hospital Newborn Screening data are presented as the percent of mothers breastfeeding in the hospital after birth; MIHA data are presented as the percent of mothers who reported breastfeeding at one month after delivery and at three months after delivery.

Why is this indicator important?

Human milk is the optimal source of nutrition and provides many benefits for healthy infant growth and development. Breastfeeding significantly reduces infant risks for infections, asthma or allergies compared to infants who are formula fed, resulting in fewer hospitalizations and trips to the doctor.¹ Evidence also demonstrates that breastfeeding reduces the risk for cardiovascular disease, asthma and diabetes later in life and can reduce the risk of childhood obesity.² These benefits increase greatly when a mother exclusively breastfeeds for the first six months of life.

Breastfeeding can provide protective health benefits for the mother who breastfeeds frequently enough for a sufficient duration. The breastfeeding mother may experience less postpartum bleeding (which conserves iron in the body), less risk for post-menopausal osteoporosis and hip fracture, an earlier return to pre-pregnancy weight and decreased risks of breast and ovarian cancers.

Breastfeeding also benefits the entire family and community. It improves household food security because families need not use income to buy formula, food and bottles. Health care related expenses decrease because breastfeeding protects the infant and mother.

Findings

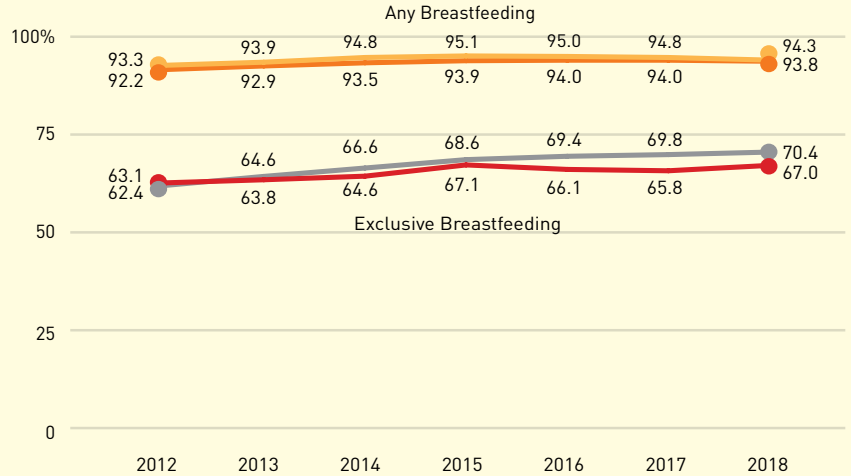
- In 2018, 67.0% of Orange County women were exclusively breastfeeding at time of hospital discharge, lower than California at 70.4% of women.³
- Exclusive breastfeeding at time of discharge was highest among White women at 83.0%, followed by Multiracial (79.8%), Pacific Islander (78.4%), Black (70.7%), Hispanic (64.0%) and Asian (52.8%) women.³
- In 2017/18, 58.7% of Orange County women surveyed by MIHA were exclusively breastfeeding one week after delivery, a 15.1% increase since 2013/14, but lower than women in California at 59.1%.
- One month after delivery, 48.8% of Orange County women surveyed by MIHA in 2017/18 were exclusively breastfeeding, a 24.2% increase since 2013/14, and higher than women in California at 47.5%.
- Three months after delivery, 32.4% of Orange County women surveyed by MIHA in 2017/18 were exclusively breastfeeding, a 24.1% increase since 2013/14, but lower than women in California at 33.9%.

GOOD HEALTH

Hospital Discharge Breastfeeding Percentage, Orange County and California, 2012 to 2018

- Orange County Any Breastfeeding
- California Any Breastfeeding
- California Exclusive Breastfeeding
- Orange County Exclusive Breastfeeding

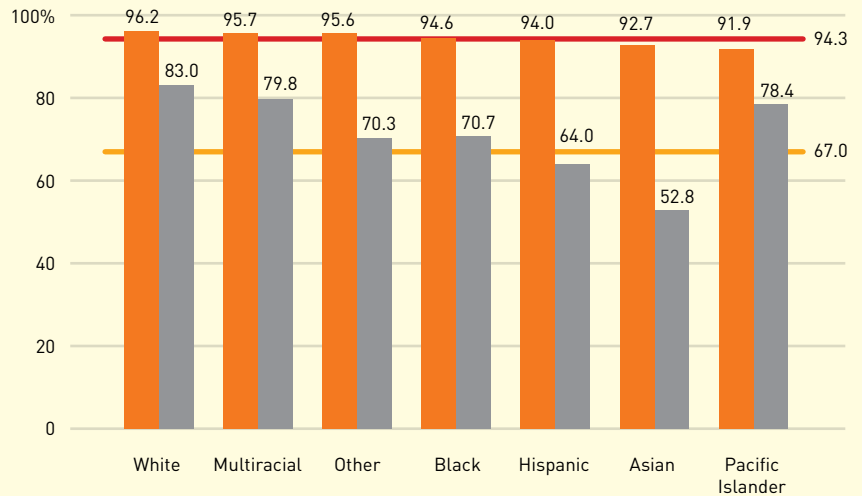
Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2018. NBS Form Version (D) Revised 12/2008. Maternal, Child and Adolescent Health Program.



Hospital Discharge Breastfeeding Percentage, by Race/Ethnicity, 2018

- Any Breastfeeding
- Exclusive Breastfeeding
- Orange County Any Breastfeeding
- Orange County Exclusive Breastfeeding

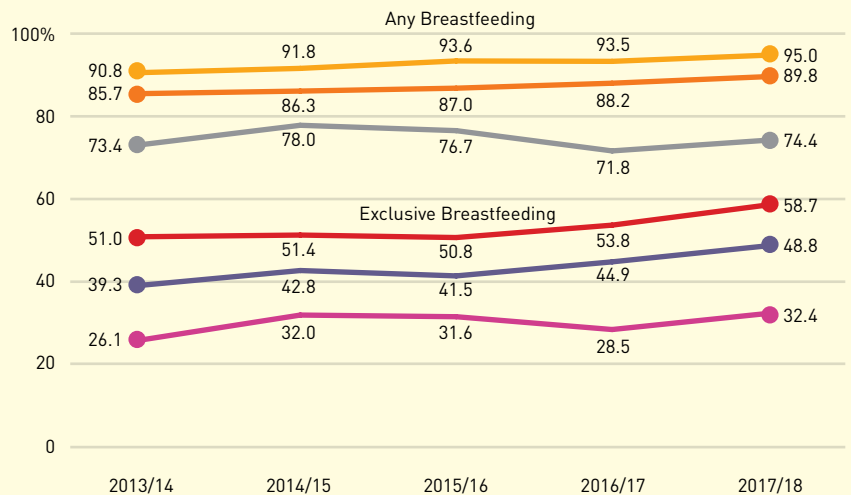
Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2018. NBS Form Version (D) Revised 12/2008. Maternal, Child and Adolescent Health Program.



Breastfeeding Percentages at One Week, One Month and Three Months After Delivery, Orange County, 2013/14 to 2017/18

- Any breastfeeding 1 week postpartum
- Any breastfeeding 1 month postpartum
- Any breastfeeding 3 months postpartum
- Exclusive breastfeeding 1 week postpartum
- Exclusive breastfeeding 1 month postpartum
- Exclusive breastfeeding 3 months postpartum

Note: Indicators for breastfeeding at three months postpartum are limited to women whose infant was at least three months old at the time of survey completion.
 Note: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2017-2018 were combined, resulting in a statewide sample size of 12,561. The sample size of Orange County was 510. MIHA participants were sampled from the California Automated Vital Statistics System. Prevalence (%), 95% confidence interval (95% CI), and population estimates (rounded to the nearest hundred) are weighted to represent all women with a live birth. Population estimate (N) is a two-year average. Indicators for breastfeeding at 3 months postpartum are limited to women whose infant was at least 3 months old at the time of survey completion. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA
 Prepared by: California Department of Public Health; Center for Family Health; Maternal, Child and Adolescent Health Program; Epidemiology, Surveillance and Federal Reporting Branch



IMMUNIZATIONS

IMMUNIZATIONS FOR CHILDREN ENTERING KINDERGARTEN REMAIN STEADY AROUND 95%.

DESCRIPTION OF INDICATOR

This indicator reports the percent of children who received all of the doses of specific vaccines recommended for attending child care facilities and required at kindergarten entry. Child care facilities include any private or public child care center, day nursery, nursery school, family day care home or development center.¹

Why is this indicator important?

The widespread use of safe, effective childhood vaccinations has been one of the most successful and cost-effective public health interventions in the U.S. and globally. Many serious and once-common childhood infections have been dramatically reduced through routine immunizations. The success of immunization programs depends upon appropriate timing and on a high rate of vaccine acceptance, particularly among parents of young children.

Over the past decade, increasing numbers of children with delayed or refused vaccinations have led to reduced levels of vaccine coverage. Studies have found that children whose parents delay or refuse vaccines are more likely to be White and reside in well-educated, higher income areas.² On the population level, success depends on a community achieving a threshold level of immunity, and many communities are below the protective level needed to prevent the spread of disease.³

Findings

- In 2018, 95.9% of Orange County children in child care centers had been adequately immunized (4:3:1 schedule) at their time of enrollment, higher than the low of 87.6% in 2013, and the same as California.⁴
- In 2019, 95.5% of Orange County kindergartners had up-to-date immunizations, a 7.7% increase from the 10-year low at 88.7% in 2013, and lower than 2018 at 95.7%.
- These percentages and trends are similar to those among kindergartners throughout California, who were immunized at a rate of 94.8% in 2018.⁵
- Laguna Beach Unified had the lowest percentage of kindergartners with up-to-date immunization levels at 90.4% in 2019. This correlates with higher percentages of permanent medical exemptions and conditional enrollments in this district.⁶

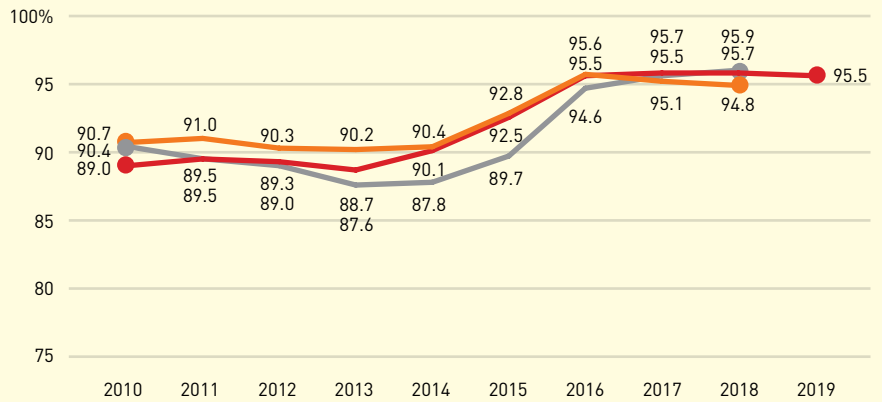
Effective July 1, 2016, California law now removes the personal belief exemption from statute and requires almost all schoolchildren to be fully vaccinated in order to attend public or private elementary, middle and high schools. For kindergarten entrance, children must be immunized against 10 diseases: Diphtheria, Haemophilus Influenza Type B (Bacterial meningitis), Measles, Mumps, Pertussis (whooping cough), Polio, Rubella, Tetanus, Hepatitis B and Varicella (chicken pox). Home school students or students who do not receive classroom-based instruction are not required to be vaccinated. Students who qualify for an Individualized Educational Program cannot be prevented from accessing any special education and related services required by their IEP. The medical exemption will remain in statute.

¹ California Immunization Requirements for Pre-Kindergarten, available at <http://eziz.org/assets/docs/IMM-230.pdf>. ² Wei, F., Mullooly, J.P., Goodman, M. et al., 2009. ³ Hussain, H. et al., 2011. ⁴ Adequately Immunized-4:3:1 or Better: In order to be considered adequately immunized by age two, children need to have at least the 4:3:1 immunization series, which includes: four or more doses of diphtheria/tetanus/pertussis (DTaP) vaccine, three or more doses of poliovirus vaccine, and one or more doses of measles/mumps/rubella (MMR) vaccine. ⁵ California Department of Public Health, Immunization Branch. ⁶ A permanent medical exemption (PME) shall be granted upon the filing with the governing authority of a written statement from a licensed physician to the effect that the physical condition of the pupil or medical circumstances relating to the pupil are such that immunization is permanently not indicated.

GOOD HEALTH

Percent of Adequately Immunized Children Enrolling in School, Orange County and California, 2010 to 2019

- Up-To-Date at Child Care Enrollment, Orange County
- Up-To-Date at Kindergarten Entry, California
- Up-To-Date at Kindergarten Entry, Orange County



Note: After 2010, California data is no longer being collected for percent of up-to-date immunized children after their 2nd birthday.
Note: 2010 Orange County data includes other Southern California counties (Imperial, Orange, Riverside, San Bernardino and San Diego). 2011-2014 data include a small, random sample of schools for Orange County only. As of 2015, Orange County data is collected and tracked separately.
Sources: *Kindergarten Assessment Results, California Department of Health Services, Immunization Branch. ** Child Care Immunization Assessment Results, California Department of Health Services, Immunization Branch.

Percent of Adequately Immunized Children Enrolling in Child Care Centers by Vaccine Type, 2010 to 2018

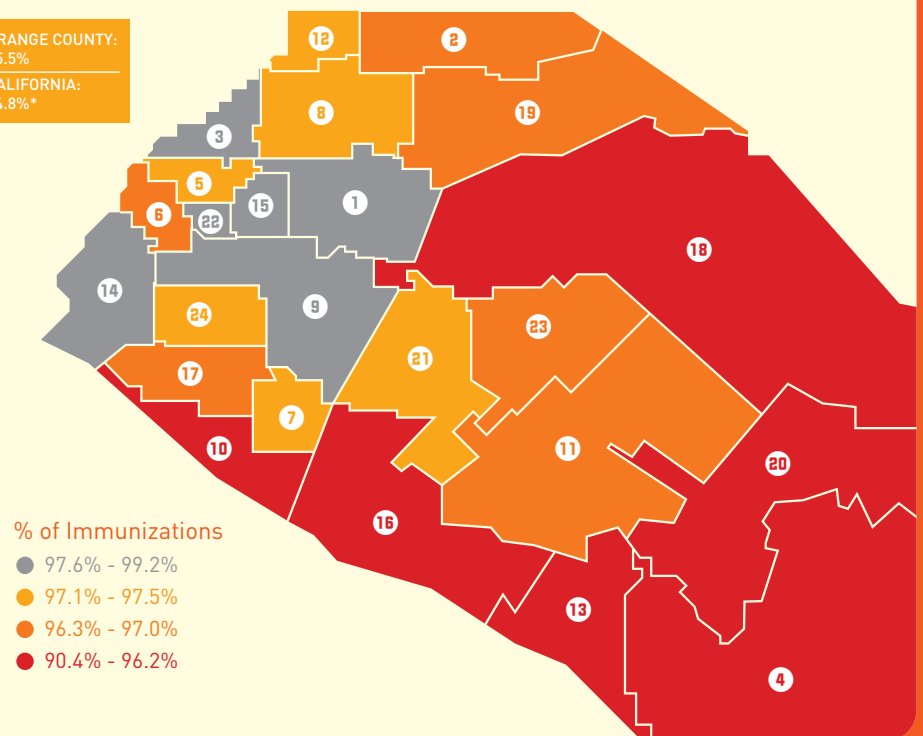
Year	Total Children	DTaP ¹ (4+)	Polio ² (3+)	MMR ³ (1+)	Hepatitis B ⁴ (3+)	Varicella ⁵ (1+)
2010	44,910	94.4%	95.8%	95.9%	94.8%	95.7%
2011	42,098	91.9%	92.0%	96.1%	95.4%	95.8%
2012	42,805	94.1%	95.4%	95.3%	93.3%	95.0%
2013	44,070	93.4%	95.1%	94.8%	92.4%	94.4%
2014	45,161	93.8%	95.4%	95.6%	93.4%	95.3%
2015	44,645	94.2%	95.7%	96.6%	94.0%	95.6%
2016	48,127	97.2%	97.5%	97.8%	96.7%	97.5%
2017	48,017	97.5%	97.9%	98.2%	97.3%	98.0%
2018	49,071	97.7%	98.0%	98.0%	97.5%	98.0%

Source: Child Care Immunization Assessment Results, California Department of Health Services, Immunization Branch

Up-to-Date Immunizations at Kindergarten Enrollment, Public Schools within Each School District, 2019

- | | | |
|------------------------------|-----------------------------------|-------------------------|
| 1 ANAHEIM
98.1% | 11 IRVINE
96.3% | 21 SANTA ANA
97.1% |
| 2 BREA-OLINDA
97.0% | 12 LA HABRA
97.3% | 22 SAVANNA
97.9% |
| 3 BUENA PARK
98.1% | 13 LAGUNA BEACH
90.4% | 23 TUSTIN
96.4% |
| 4 CAPISTRANO
91.2% | 14 LOS ALAMITOS
97.8% | 24 WESTMINSTER
97.4% |
| 5 CENTRALIA
97.2% | 15 MAGNOLIA
99.2% | |
| 6 CYPRESS
97.0% | 16 NEWPORT-MESA
95.7% | |
| 7 FOUNTAIN VALLEY
97.5% | 17 OCEAN VIEW
96.3% | |
| 8 FULLERTON
97.4% | 18 ORANGE
95.1% | |
| 9 GARDEN GROVE
97.6% | 19 PLACENTIA-YORBA LINDA
96.7% | |
| 10 HUNTINGTON BEACH
94.1% | 20 SADDLEBACK VALLEY
94.2% | |

ORANGE COUNTY:
95.5%
CALIFORNIA:
94.8%*



Note: *Up-to-date immunizations for 2018 Kindergarten enrollment.
Source: Kindergarten Assessment Results, California Department of Health Services, Immunization Branch

OBESITY

ONE IN FOUR ECONOMICALLY DISADVANTAGED STUDENTS EXPERIENCE RISK OF OBESITY COMPARED TO ONE IN 10 ECONOMICALLY ADVANTAGED STUDENTS.

DESCRIPTION OF INDICATOR

This indicator reports data from the California Physical Fitness Test on the percent of 5th grade students who are classified as having health risk due to their body composition. Details about this indicator are provided in the box below.

Why is this indicator important?

Excess weight acquired during childhood and adolescence may persist into adulthood and increase the risk for chronic diseases, such as sleep apnea, diabetes, cardiovascular disease and hypertension. Obese adolescents have a 70% chance of becoming obese adults.¹ Excess weight can be prevented and treated through proper nutrition and physical activity (reported on page 32-33 of this report), especially during the critical periods of infancy, two to four years of age and adolescence.

Findings

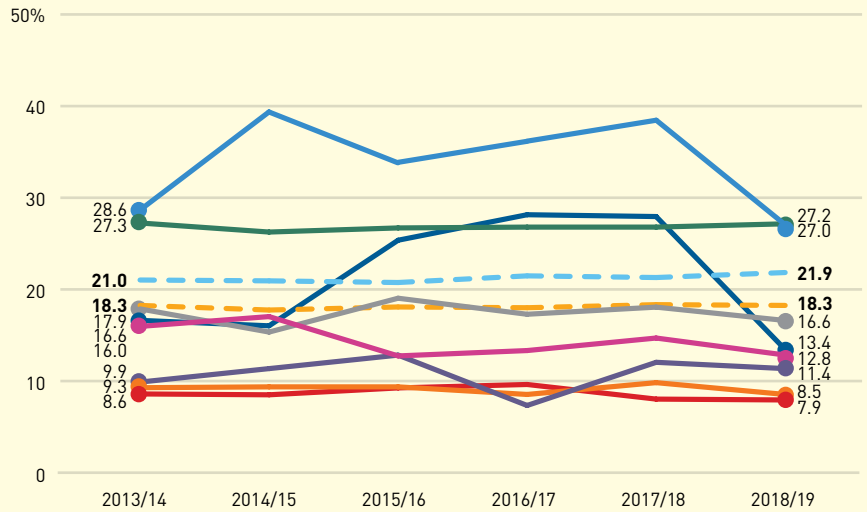
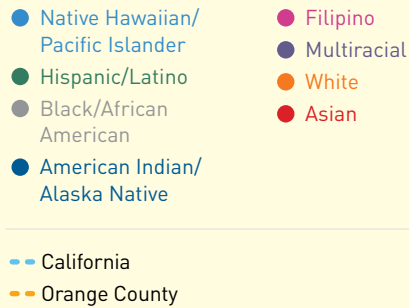
- During the 2018/19 school year, 18.3% (6,444) of Orange County 5th graders tested were classified as obese. This rate has remained steady since 2013/14 at approximately 18% and is lower than California at 21.9% of 5th graders.
- Among race and ethnic groups, Hispanic or Latino (27.2%) and Native Hawaiian or Pacific Islander (27.0%) 5th graders had the highest percentages of students classified at health risk due to their body composition, followed by Black or African American (16.6%), American Indian or Alaska Native (13.4%), Filipino (12.8%), Multiracial (11.4%), White (8.5%) and Asian (7.9%).
- Among 5th grade students who are not economically disadvantaged, one in 10 (10.2%) were classified at health risk due to their body composition, compared with one in four (25.7%) students who are economically disadvantaged.²
- As of 2013/14, “at health risk due to body composition” is equivalent to or greater than the 95th percentile of BMI, which is obesity.

California Physical Fitness Test uses the Cooper Institute’s FITNESSGRAM approach, which classifies 5th grade students at “Health Risk” due to body composition when they had a body fat percentage or a body mass index (BMI) that could result in health issues. “Health Risk” classifications for body composition are defined using criterion-referenced, age-specific standards. The definitions of FITNESSGRAM categories were recently modified to more closely approximate widely accepted CDC-defined BMI weight classification schemes and improve classification agreement between body fat and BMI based approaches. Because of these adjustments, California Physical Fitness Test data collected prior to the 2013/14 school year are not comparable to those collected under the current standards.

¹ The Surgeon General, 2000. ² CDE defines Socioeconomically Disadvantaged (SED) students are defined as students: (1) who are eligible for the free or reduced-price meal (FRPM) program (also known as the National School Lunch Program, or NSLP), or have a direct certification for FRPMs, or (2) who are migrant, homeless, or foster youth, or (3) where neither of the parents were a high school graduate.

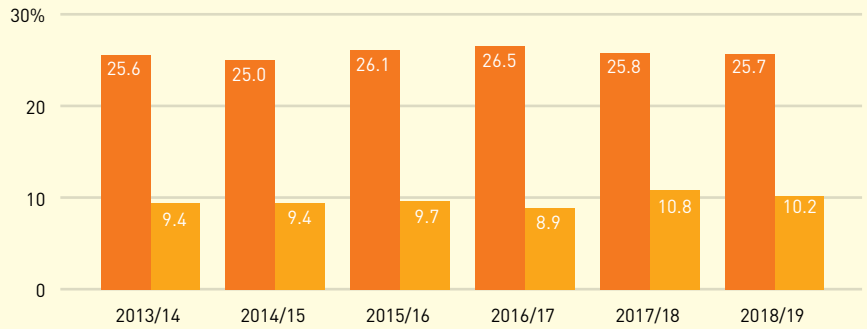
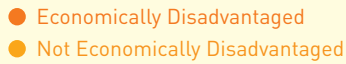
GOOD HEALTH

Percent of 5th Grade Students Classified at Health Risk Due to Body Composition, by Race/Ethnicity, 2013/14 to 2018/19



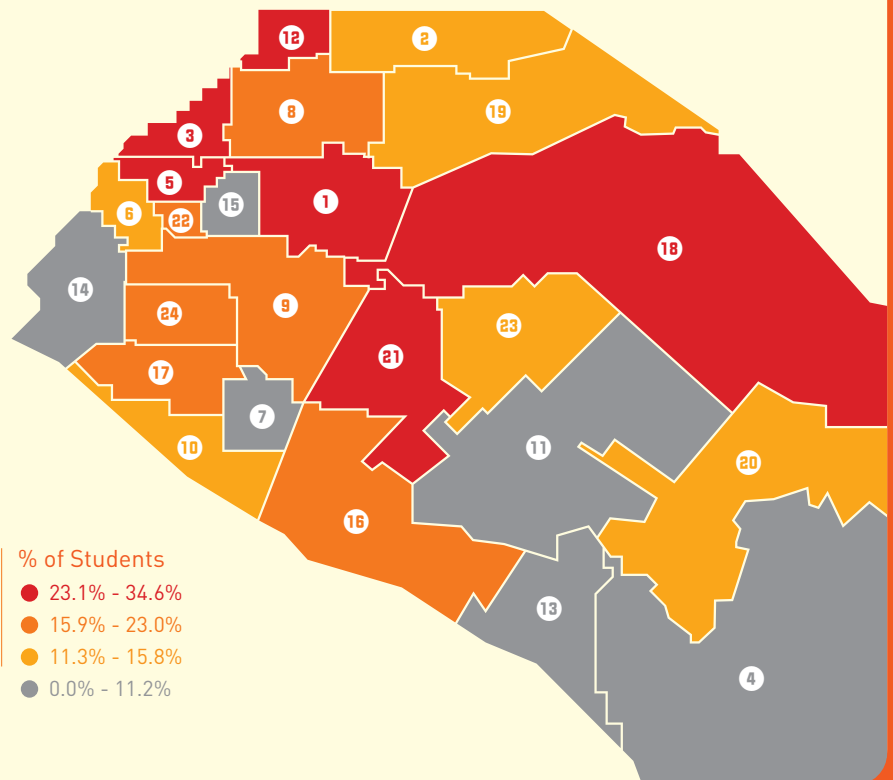
Source: California Department of Education, DataQuest, 2018/19
Notes: Black/African American, Filipino, American Indian/Alaska Native and Native Hawaiian/Pacific Islander 5th grade student enrollment is less than 4.5% of all 5th grade student enrollment. Percent at risk for these groups may be unstable and should be interpreted with caution.

Percent of 5th Grade Students who are Obese, by Socioeconomic Status, 2013/14 to 2018/19



Source: California Department of Education, DataQuest, 2018/19

Percent of 5th Grade Students who are Obese, by School District, 2018/19



Source: California Department of Education, DataQuest, 2018/19

PHYSICAL FITNESS AND NUTRITION

ONE IN FOURTEEN 5TH GRADERS ARE AT HEALTH RISK DUE TO POOR PHYSICAL FITNESS.

DESCRIPTION OF INDICATOR

To assess physical fitness, this indicator reports data from the California Physical Fitness Test on the percent of 5th grade students who are classified as having health risk due to their aerobic capacity. For nutrition, this indicator reports the proportion of youth (ages two to 17) who consumed one soda the previous day and ate more than five servings of fruits/vegetables daily.

Why is this indicator important?

Both physical fitness and nutrition are essential to achieving and keeping a healthy weight.¹ The habitual intake of too many calories, including the consumption of sugary beverages, without enough physical fitness, can result in obesity. Those who eat a nutritious diet rich in fruits and vegetables and/or incorporate aerobic physical activity and cardiorespiratory fitness into a daily routine are less likely to develop many types of disease, including heart disease, high blood pressure, Type 2 diabetes and oral disease.^{2,3} Additionally, these behaviors, when developed at a younger age, are associated with similar behaviors in adulthood.⁴

Findings

- During the 2018/19 school year, 6.4% (2,254) of 5th graders tested were classified “at health risk due to aerobic capacity,” up 10.3% since 2013/2014 (5.8% or 2,113), but lower than California at 7.2% of 5th graders.

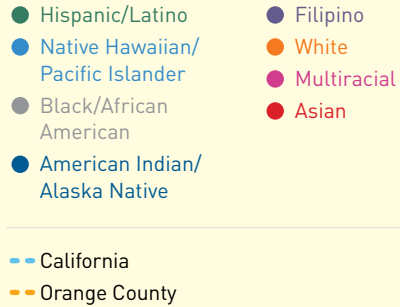
- The percentage of 5th graders at health risk due to aerobic capacity was highest among Native Hawaiian or Pacific Islander 5th graders (10.3%), followed by Hispanic or Latino (9.7%), Black or African American (7.6%), Multiracial (6.0%), American Indian or Alaska Native (4.2%), Filipino (3.0%), White (2.9%) and Asian (1.8%).
- According to the 2017 California Health Interview Survey:
 - 14.0% of children (two to 17 years old) reported drinking one glass of soda during the previous day, a decrease of 50.0% from 28.0% in 2013.
 - 30.1% of teenagers (12 to 17 years old) reported eating five or more servings of fruits and vegetables daily, an increase of 52.0% from 19.8% in 2011.⁵

Note: California Physical Fitness Test uses the Cooper Institute’s FITNESSGRAM approach to classify 5th graders aerobic capacity at health risk when their V02 max, a measure of maximum oxygen consumption, fell within certain limits after participation in structured aerobic exercises, such as the Progressive Aerobic Cardiovascular Endurance Run (PACER), one-mile run, or walk test, which deemed them at likely risk for future health problems. The definition of aerobic capacity categories was recently modified to improve classification agreement between the PACER and one-mile run approaches. Because of these adjustments, California Physical Fitness Test data collected prior to the 2013/14 school year are not comparable to those collected under the current standards.

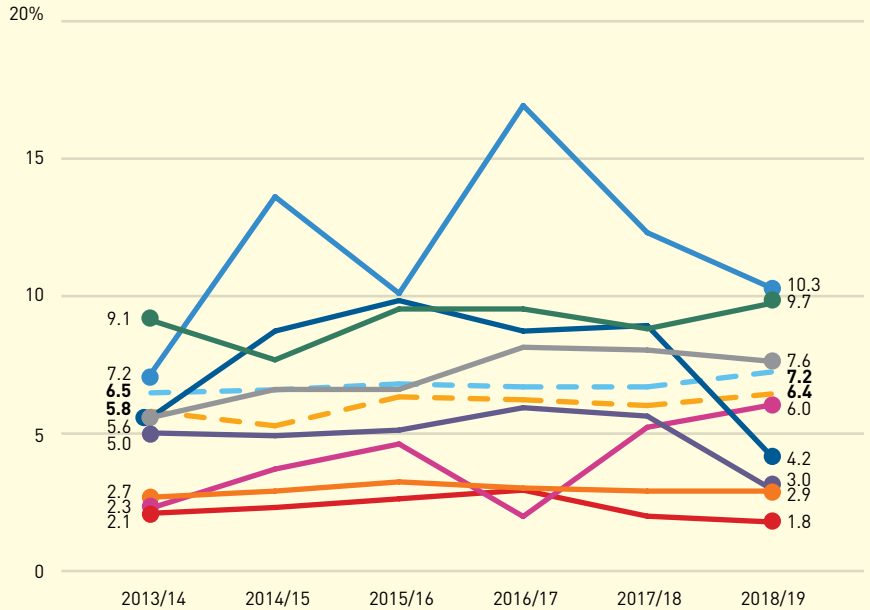
GOOD HEALTH

Percent of 5th Grade Students Classified at Health Risk Due to Aerobic Capacity, by Race/Ethnicity,

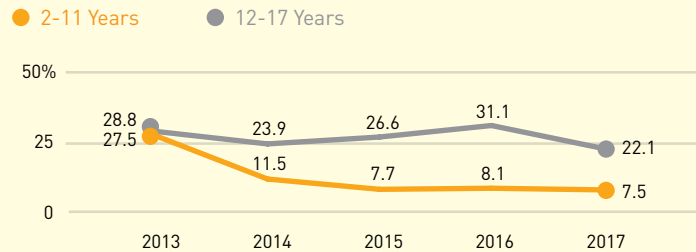
Orange County, 2013/14 to 2018/19



Source: California Department of Education, DataQuest, 2018/19
Note: Black, Filipino, American Indian and Pacific Islander 5th grade student enrollment is less than 4.5% of all 5th grade student enrollment. Percent at risk for these groups may be unstable and should be interpreted with caution.

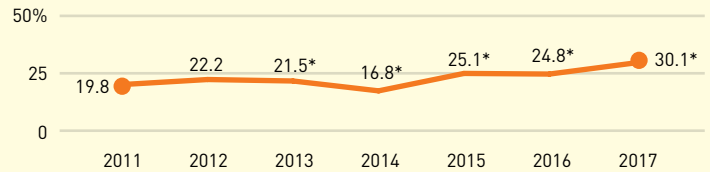


Percent of Children who Consumed One Soda the Previous Day, by Age, 2013 to 2017



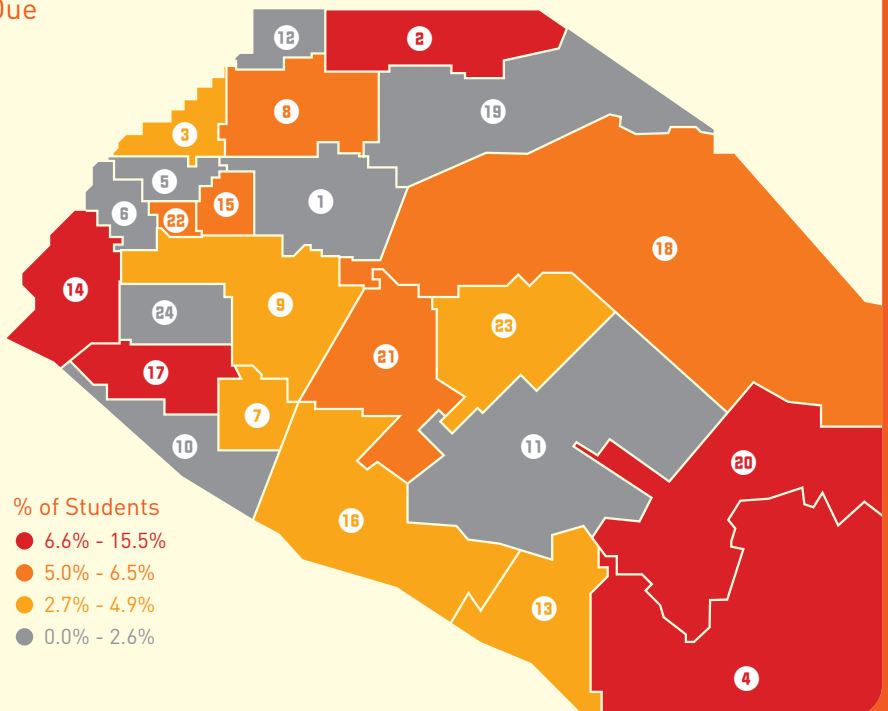
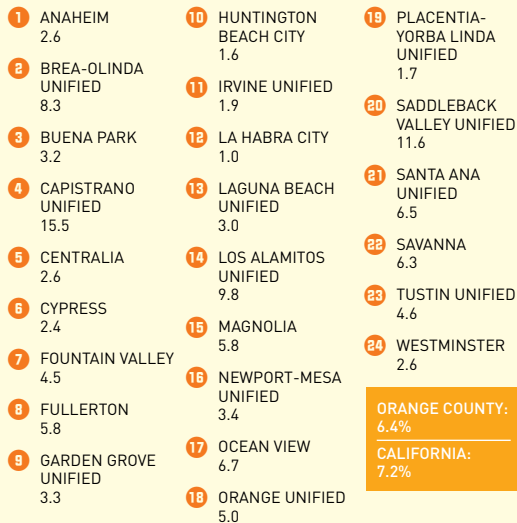
* Statistically unstable. **Note:** Previous reports presented children consumption of two or more sodas in the previous day. 2017 CHIS suppressed the results for 2 or more glasses a day of soda in the last CHIS due to small sample size.
Source: California Health Interview Survey, 2017

Percent of Children Ages 12 to 17 Years Old who Eat 5+ Servings of Fruits/Vegetables Daily, 2011 to 2017



* Statistically unstable. **Source:** California Health Interview Survey, 2017

Percent of 5th Grade Students at Health Risk Due to Aerobic Capacity, by School District, 2018/19



Source: California Department of Education, DataQuest, 2018/19

BEHAVIORAL HEALTH

HOSPITALIZATION RATES DUE TO SERIOUS MENTAL ILLNESS AMONG YOUTH INCREASED BY 76% SINCE 2009.

DESCRIPTION OF INDICATOR

This indicator reports the number of inpatient hospitalizations in Orange County among children under age 18 related to serious mental health and substance use conditions. The data include rates of inpatient hospitalization for broad behavioral health conditions and rates of inpatient hospitalization per 10,000 children broken down by behavioral health diagnosis, race/ethnicity and city of residence.

Why is this indicator important?

The presence of behavioral health disorders can have a profound impact on individuals and families, as well as systems within the community, such as schools or the juvenile justice system. By tracking hospitalization rates related to behavioral health disorders, health officials can more readily identify trends and monitor the needs of the community while directing needed resources (e.g., training, education, counseling, outreach, substance abuse treatment) to areas in need. For example, increased hospitalization rates due to depression may signal a serious trend in a community and may inform resource allocation to counteract increased mood disorders and potential substance use.

Findings

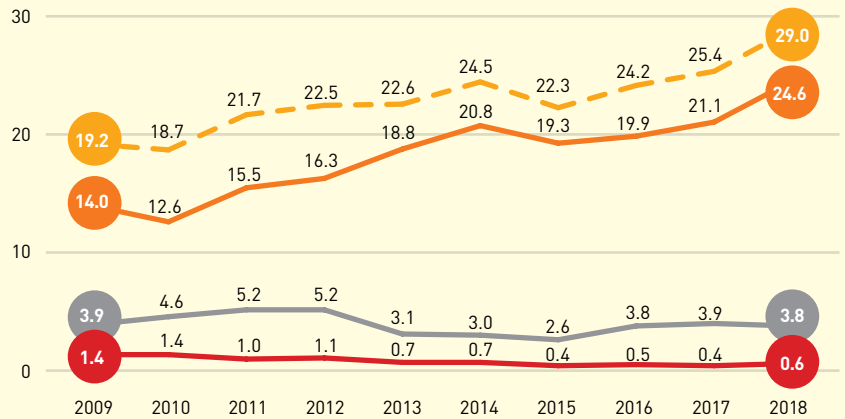
- The combined hospitalization rate for serious mental illness and substance abuse conditions for children increased by 51%, from a low of 19.2 in 2009 to 29.0 per 10,000 children in 2018.
- The hospitalization rate for serious mental illness increased 76%, from a low of 14 in 2009 to 24.6 per 10,000 children in 2018.
- Major Depression and Mood Disorders accounted for 70% of all such hospitalizations, followed by Bipolar (10%), Schizophrenia/Psychoses (4%) and Schizoaffective Disorders (2%).
- Hospitalizations for substance-related diagnoses accounted for 2% of all such admissions for children in 2018. This proportion is a decrease of 56% over the past decade to 0.6 hospitalizations per 10,000 population.
- White children accounted for 41% of all mental illness and substance abuse-related hospitalizations, followed by Hispanic (37%), Asian/Pacific Islander (9%) and Black (4%) children.
- Females accounted for the majority (65%) of mental illness hospitalizations, a third (33.3%) of substance-related hospitalizations and 63% of all admissions.
- The majority (64%) of the 2,098 hospitalizations among Orange County children occurred at hospitals located in Orange County, while the rest were in Los Angeles (27%), San Bernardino (9%), San Diego (11%) and Alameda (0.1%) counties. Less than 1% of hospitalizations were not covered under either private insurance (46%) or Medi-Cal (53%).
- In 2018, 13.7% of adolescents aged 12 to 17 years had at least one major depressive episode in the past year in California¹ and 14.4% in the U.S.² Overall, both proportions were higher than previous years between 2009 to 2018 (ranging from 8.0 to 14.4%).

GOOD HEALTH

Mental Health and Substance Abuse-Related Hospitalizations, Rate per 10,000 Children, 2009 to 2018

- Total
- Mental Illness
- Other
- Substance Abuse

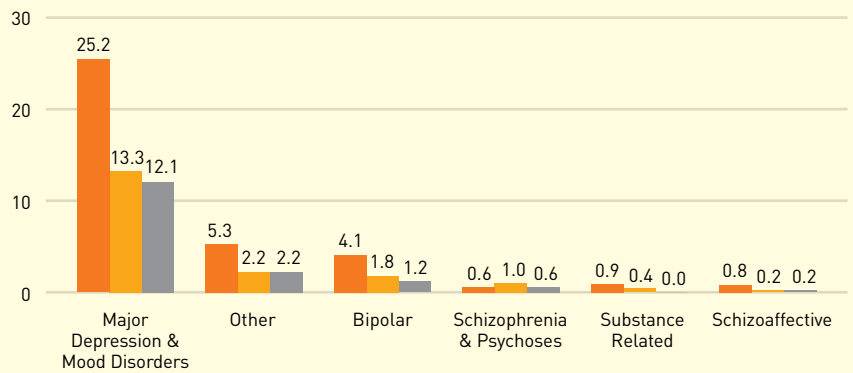
Source: Orange County Health Care Agency, Health Policy - Research
 Note: 'Other' includes mental disorders such as other unspecified mood disorders, conduct disorders and disorders related to sleep, eating, elimination and pain.



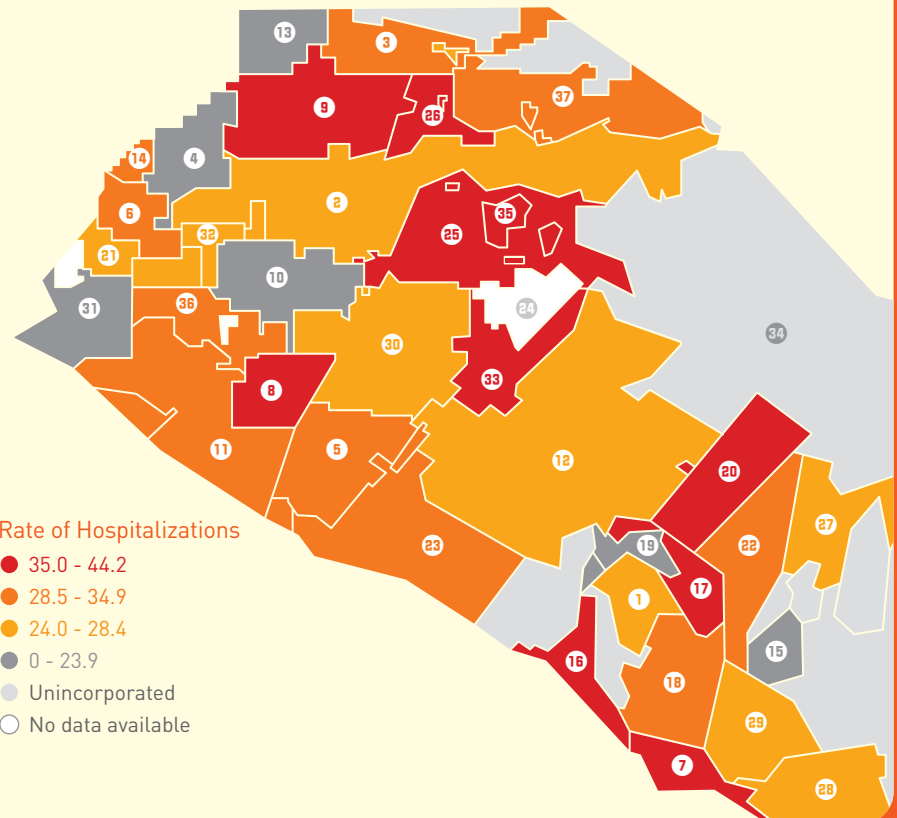
Mental Health Hospitalization Rates per 10,000 Children, by Race/Ethnicity 2018

- White
- Hispanic
- Asian/Pacific Islander

Source: Orange County Health Care Agency, Health Policy - Research
 Note: Rates for Black children are not included due to unstable and unreliable estimates for small case numbers and populations. 'Other' includes disorders such as other unspecified mood disorders, conduct disorders and disorders related to sleep, eating, elimination and pain.



Rate of Orange County Hospitalizations for Mental Health and Substance Abuse per 10,000 Children, by City of Residence, 2018



ECONOMIC WELL-BEING INDICATORS

CHILD POVERTY

PERCENT OF STUDENTS ELIGIBLE FOR FREE AND REDUCED PRICE LUNCH



45.6% 2010/11 **48.8%** 2019/20

HOUSING

PERCENT OF CHILDREN INSECURELY HOUSED



4.4% 2009/10 **6.8%** 2018/19

CALWORKS

PERCENT OF CHILDREN RECEIVING CALWORKS



5.4% 2009/10 **3.7%** 2018/19

CHILD SUPPORT

PERCENT OF CURRENT SUPPORT DISTRIBUTED



59.0% 2010/11 **68.2%** 2019/20

SUPPLEMENTAL NUTRITION

PERCENT OF CHILDREN RECEIVING CALFRESH



12.3% 2009/10 **14.2%** 2018/19

- UPWARD TREND IMPROVEMENT
- UPWARD TREND NEEDS IMPROVEMENT
- DOWNWARD TREND IMPROVEMENT
- DOWNWARD TREND NEEDS IMPROVEMENT

NOTE: Variation in data ranges are due to availability of data and frequency of data collection.



CHILD POVERTY

POVERTY AMONG CHILDREN IN ORANGE COUNTY INCREASED 11.8% SINCE 2010.

DESCRIPTION OF INDICATOR

This indicator reports the number and percent of students eligible for the National School Free and Reduced Price Lunch program, considered to be an indicator of children living in poverty or of working poor families. Eligibility is based on income of the child's parent(s) or guardian(s), which must be below 185% of the Federal Poverty Level. This indicator also tracks the percent of children living in poverty according to the United States Census Bureau.

Why is this indicator important?

Research has demonstrated that living in poverty has a wide range of negative effects on the physical and mental health and well-being of children. Poverty is linked with negative conditions such as substandard housing, homelessness, inadequate nutrition, food insecurity, inadequate child care, lack of access to health care, unsafe neighborhoods and under-resourced schools.¹ These conditions mean school districts face many challenges serving low-income families, particularly those school districts with more than 75% of students enrolled in the Free and Reduced Price Lunch program.² The implications for children living in poverty include greater risk for poor academic achievement, school dropout, abuse and neglect, behavioral and social/emotional problems, physical health problems and developmental delays.

Findings

- In the 2019/20 school year, 48.8% (231,160) of students were eligible for the Free and Reduced Price Lunch program in Orange County, lower than California at 59.3% (3,654,943).
- Between 2011 and 2020, there was an increase (7.0%) among Orange County students eligible for the Free and Reduced Price Lunch program, more so than among students throughout California (4.6%).
- According to the U.S. Census Bureau, 15.2% of Orange County's children were living in poverty in 2018. This is an 11.8% increase from 2010 (13.6%), while remaining lower than California (19.5%) and the United States (19.5%).
- When cost of living and a range of family needs and resources, including social safety net benefits, are factored in, poverty among Orange County's children jumps to 24.2%, surpassing California at 19.3%, with a threshold income needed to maintain a basic standard of living for a family of four at \$35,434 in 2017.³

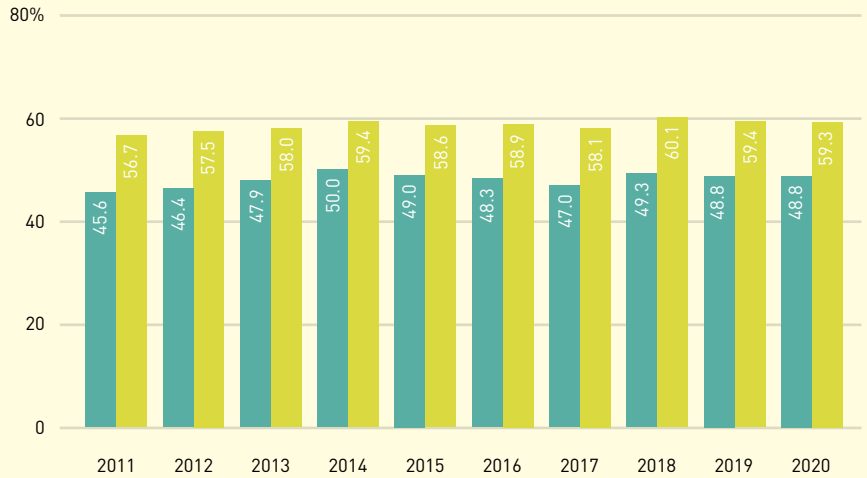
¹ American Psychological Association, 2014. ² The Institute for Education Sciences define high-poverty schools public schools where more than 75.0% of the students are eligible for the Free and Reduced Price Lunch program. ³ California Poverty by County, 2015-2017, calculated according to the California Poverty Measure (CPM). The California Poverty Measure (CPM) incorporates the changes in costs and standards of living since the official poverty measure was devised in the early 1960s – and accounts for geographic differences in the cost of living across the state. It also factors in tax credits and in-kind assistance that can augment family resources and subtracts medical, commuting and child care expenses. 2011 Census Bureau data is used to estimate the CPM.

ECONOMIC WELL-BEING

Percent of Students Eligible to Receive Free and Reduced Price Lunch, Orange County and California, 2011 to 2020

- Orange County
- California

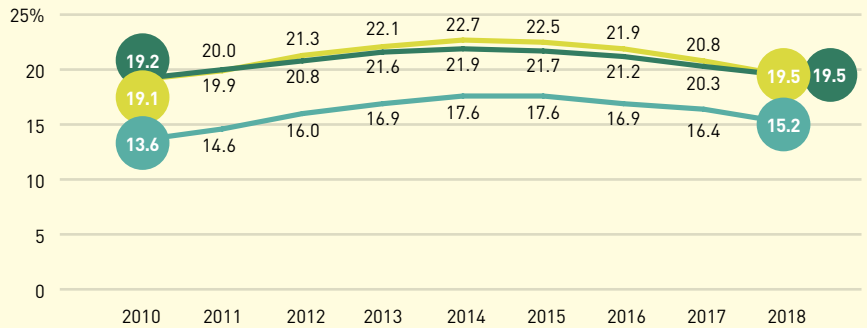
Source: California Department of Education, 2020 (2019/2020)



Percent of Children Under 18 Years Old, Living in Poverty, Orange County, California and United States, 2010 to 2018

- United States
- California
- Orange County

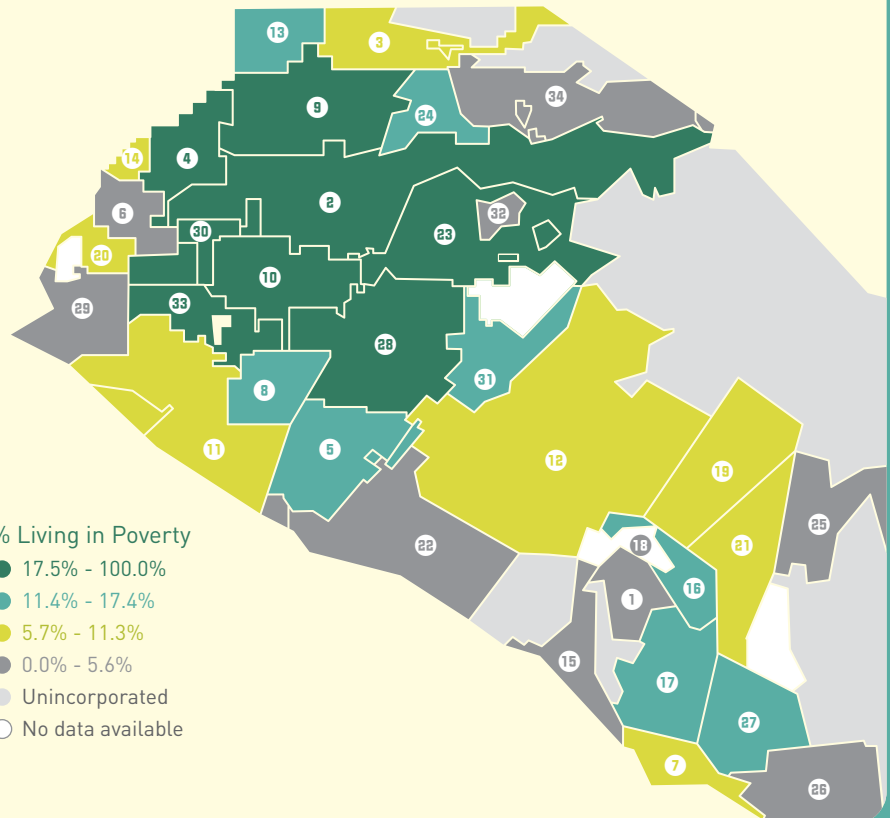
Source: U.S. Census Bureau, American Community Survey, 5-Year Estimates



Percent of Children Under 18 Years Old Living in Poverty, by City, 2018

- | | | |
|-----------------------------|----------------------------------|--------------------------------|
| 1 ALISO VIEJO
2.7 | 13 LA HABRA
17.4 | 26 SAN CLEMENTE
4.0 |
| 2 ANAHEIM
22.4 | 14 LA PALMA
7.7 | 27 SAN JUAN CAPISTRANO
12.1 |
| 3 BREA
5.7 | 15 LAGUNA BEACH
4.7 | 28 SANTA ANA
26.6 |
| 4 BUENA PARK
19.3 | 16 LAGUNA HILLS
14.2 | 29 SEAL BEACH
3.0 |
| 5 COSTA MESA
16.3 | 17 LAGUNA NIGUEL
11.4 | 30 STANTON
30.4 |
| 6 CYPRESS
5.1 | 18 LAGUNA WOODS
N/A | 31 TUSTIN
16.5 |
| 7 DANA POINT
9.0 | 19 LAKE FOREST
9.2 | 32 VILLA PARK
5.1 |
| 8 FOUNTAIN VALLEY
11.4 | 20 LOS ALAMITOS
10.9 | 33 WESTMINSTER
18.5 |
| 9 FULLERTON
17.9 | 21 MISSION VIEJO
5.7 | 34 YORBA LINDA
4.9 |
| 10 GARDEN GROVE
19.7 | 22 NEWPORT BEACH
4.0 | |
| 11 HUNTINGTON BEACH
11.3 | 23 ORANGE
17.8 | |
| 12 IRVINE
9.3 | 24 PLACENTIA
13.5 | |
| | 25 RANCHO SANTA MARGARITA
5.6 | |

ORANGE COUNTY:
15.2%
CALIFORNIA:
19.5%



Source: U.S. Census Bureau, American Community Survey, 5-Year Estimates, Table S1701

CALWORKS

CHILDREN RECEIVING CALWORKS CONTINUES TO STEADILY DECLINE IN 2018/19, DOWN 14% FROM THE PRIOR YEAR.

DESCRIPTION OF INDICATOR

This indicator reports the average number and percent of children per month under the age of 18 years receiving financial assistance through California Work Opportunity and Responsibility to Kids (CalWORKs). The decline in the percentage of children receiving CalWORKs benefits may suggest decreased poverty or might be attributed in part to improvement in the economy or a decline in the number of children under 18 residing in Orange County.

Why is this indicator important?

The percent of children benefiting from CalWORKs is an indicator of Orange County's capacity to help families struggling to make ends meet and at the same time, responsibly care for their children. This indicator also reflects a widespread need for financial support among families in need across Orange County as CalWORKs beneficiaries receive financial and employment assistance. The goals of the CalWORKs program include reduced welfare dependency, increased self-sufficiency and improved child well-being by encouraging parental responsibility through school attendance, child immunization requirements and assisting with paternity and child support enforcement activities.

Findings

- In 2018/19, 3.7% (26,545) of Orange County's children received CalWORKs assistance, a 38.0% decrease from 5.4% (42,793) of children in 2009/10. Overall, Orange County's rate is lower than California at 10.7% (956,952).
- Since 2011/12, the proportion of children receiving CalWORKs has been steadily declining, mirroring a nationwide trend.
- Young children (birth to five years of age) accounted for 28.6% of the youth population receiving CalWORKs assistance.
- The highest percentages of children receiving CalWORKs live in the cities of Anaheim at 6.7% (5,729), Santa Ana at 6.5% (5,890), Cypress at 5.0% (542), Stanton at 5.0% (494), Westminster at 4.9% (870), Garden Grove at 4.9% (1,840) and Buena Park at 4.5% (858).
- Cities with the lowest percentage of children receiving CalWORKs include Laguna Beach at 0.4% (15), Villa Park at 0.4% (5), Newport Beach at 0.5% (78), Rancho Santa Margarita at 0.6% (71), Aliso Viejo at 0.7% (87), Yorba Linda at 0.8% (122) and Seal Beach at 0.8% (25).

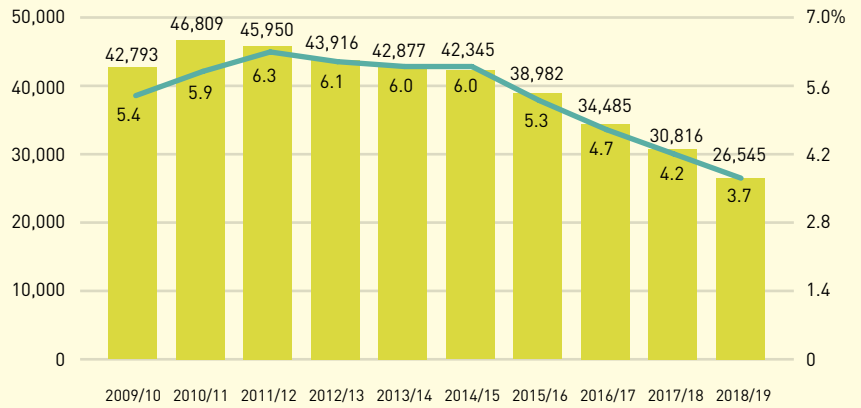
ECONOMIC WELL-BEING

Number and Percent of Children Under 18 Years Old Receiving CalWORKs

2009/10 to 2018/19

- Number of Children
- Percent of Children

Source: Orange County Social Services Agency

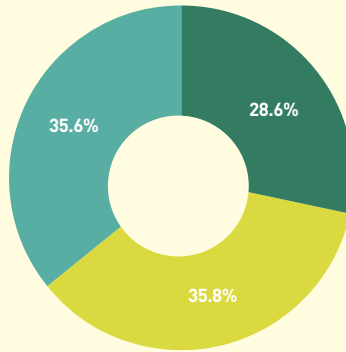


Percent of Children Under 18 Years Old Receiving CalWORKs, by Age Group

2018/19

- Less than 5 Years
- 6-11 Years
- 12-17 Years

Source: Orange County Social Services Agency

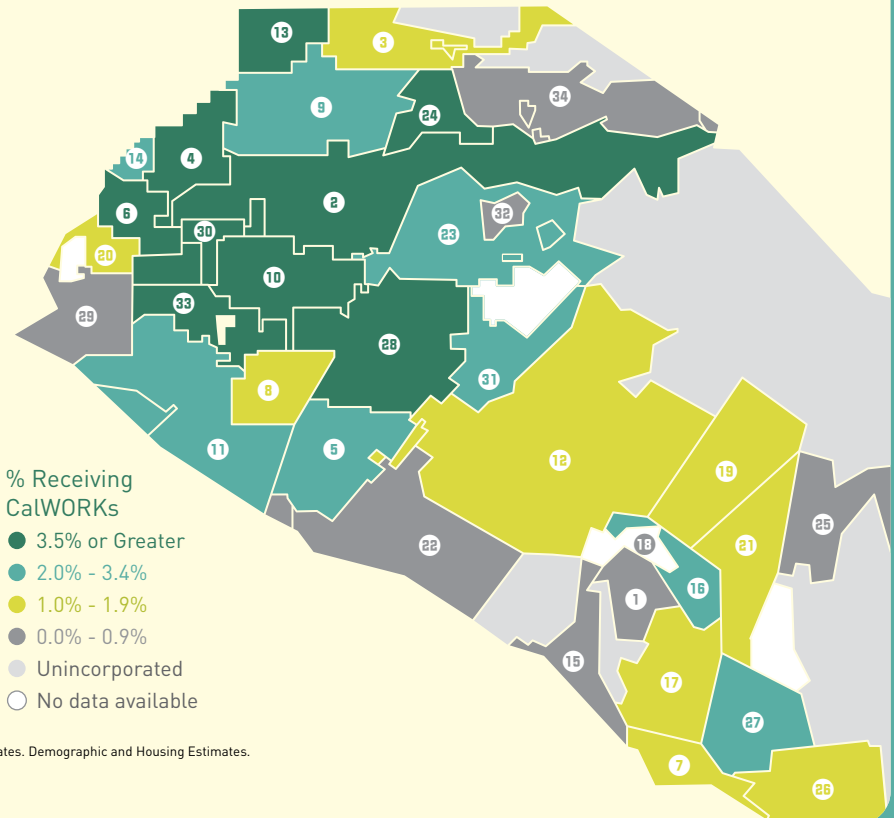


Percent Receiving CalWORKs, by City

January 2020

1 ALISO VIEJO 0.7%	14 LA PALMA 2.0%	27 SAN JUAN CAPISTRANO 2.2%
2 ANAHEIM 6.7%	15 LAGUNA BEACH 0.4%	28 SANTA ANA 6.5%
3 BREA 1.3%	16 LAGUNA HILLS 3.2%	29 SEAL BEACH 0.8%
4 BUENA PARK 4.5%	17 LAGUNA NIGUEL 1.4%	30 STANTON 5.0%
5 COSTA MESA 2.6%	18 LAGUNA WOODS N/A	31 TUSTIN 3.2%
6 CYPRESS 5.0%	19 LAKE FOREST 1.8%	32 VILLA PARK 0.4%
7 DANA POINT 1.5%	20 LOS ALAMITOS 1.9%	33 WESTMINSTER 4.9%
8 FOUNTAIN VALLEY 1.7%	21 MISSION VIEJO 1.0%	34 YORBA LINDA 0.8%
9 FULLERTON 3.4%	22 NEWPORT BEACH 0.5%	
10 GARDEN GROVE 4.9%	23 ORANGE 3.0%	
11 HUNTINGTON BEACH 2.2%	24 PLACENTIA 3.5%	
12 IRVINE 1.0%	25 RANCHO SANTA MARGARITA 0.6%	
13 LA HABRA 3.7%	26 SAN CLEMENTE 1.0%	

ORANGE COUNTY:
3.7%
CALIFORNIA:
10.7%



Source: Population Under 18 Years: U.S. Census Bureau, American Community Survey, 5-Year Estimates, Demographic and Housing Estimates. Orange County Social Services Agency, January 2020.

SUPPLEMENTAL NUTRITION

NEARLY THREE IN FOUR CHILDREN RECEIVING CALFRESH ARE 12 OR YOUNGER.

DESCRIPTION OF INDICATOR

This indicator reports the number and percent of recipients of the CalFresh Program, federally known as the Supplemental Nutrition Assistance Program (SNAP), and the number and percent of recipients in the Supplemental Nutrition Program for Women, Infants and Children (WIC).¹ As an indicator of poverty, an increase in children receiving these benefits is one that needs improvement. However, an increase may also be viewed as an improvement because more eligible children are receiving these benefits.

Why is this indicator important?

Data shows that there is a relationship between a family's food security and assurance of a healthy life. Households with food insecurity are more likely to experience reduced diet quality, anxiety about their food supply, increased use of emergency food sources or other coping behaviors and hunger. CalFresh and WIC programs provide nutrition assistance to people in low-income households by increasing their food buying power so they are able to purchase more nutritious foods, such as fruits, vegetables and other healthy foods. Income eligible children can receive both forms of nutrition assistance.

Findings

- In 2018/19, 14.2% (102,285) of children under 18 years old received CalFresh, a 15.4% increase in the percent of children since 2009/10 at 12.3%; yet lower than a peak at 19.9% in 2014/15. Orange County had a lower rate than California at 21.0% (1,947,113) of children receiving CalFresh.²

- In January 2020, the greatest proportion of CalFresh beneficiaries under 18 in Orange County were children aged six to 12 years old (43.0% or 36,871), followed by birth to five years old (29.8% or 25,503) and 13 to 17 years old (27.2% or 23,308).
- It is estimated that 59.0% of people in Orange County who are eligible for CalFresh are receiving that benefit, less than California at 71.0%.³
- WIC enrollment is steadily declining. In 2018/19, 27,666 participants were served by the WIC program, a decrease of 72.5% from 100,434 in 2009/10.
- In the average month of 2017, 51.1% of women and children eligible for WIC were receiving that benefit nationally, lower than California at 61.1%.⁴ Both rates have dropped from a high in 2011, when the national rate was 63.5% and California rate was 82.5%.

¹ WIC provides nutrition services to pregnant and postpartum women, infants and children (ages 0 to 5 years). Participants must meet eligibility and income guidelines (at or below 185% of the federal poverty level). WIC participants are reported as the number of prenatal, breastfeeding and postpartum women, infants and children up to five years old who receive food vouchers in the month of September each year. The CalFresh Program, federally known as the Supplemental Nutrition Assistance Program (SNAP), helps income-eligible families put healthy and nutritious food on the table. The program issues monthly electronic benefits that can be used at grocery stores and participating farmers markets. The amount of the benefit is based on household size, income and housing expenses. Children under 18 years are reported annually through CalWIN. December figures are used to define the service population for a given federal fiscal year (Oct. 1, 2016 to Sept. 30, 2017).

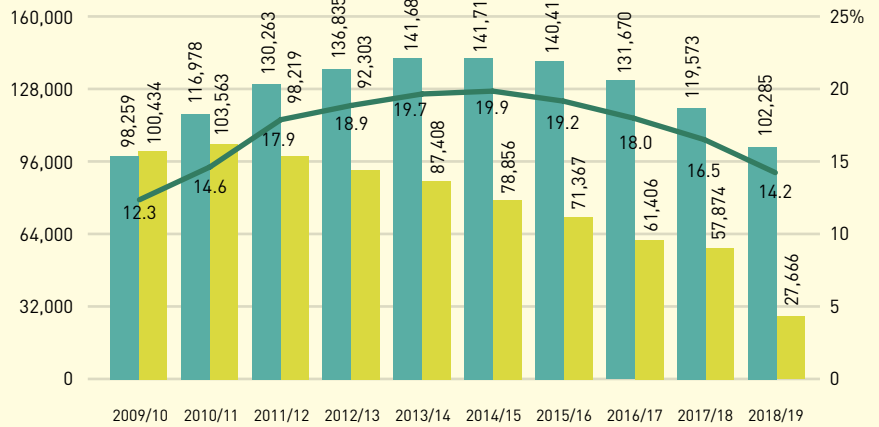
² California Department of Social Services, CalFresh County Data Dashboard, 2018. ³ California Department of Social Services, CalFresh County Data Dashboard, 2018. ⁴ USDA National and State-Level Estimates of WIC Eligibility and WIC Program Reach in 2017.

ECONOMIC WELL-BEING

Number and Percent of Children Under 18 Years Old Served by CalFresh and Number of Participants Served by WIC 2009/10 to 2018/19

- CalFresh
- WIC
- Percent Served by CalFresh

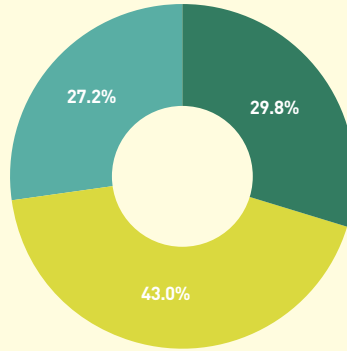
Note: Data represents fiscal Year (July - June) monthly averages for CalFresh.
Source for CalFresh: Orange County Social Services Agency
Source for WIC: Orange County Health Care Agency/Nutrition Services-WIC



Percent of Children Receiving CalFresh, by Age Group, 2018/19

- Less than 5 Years
- 6-12 Years
- 13-17 Years

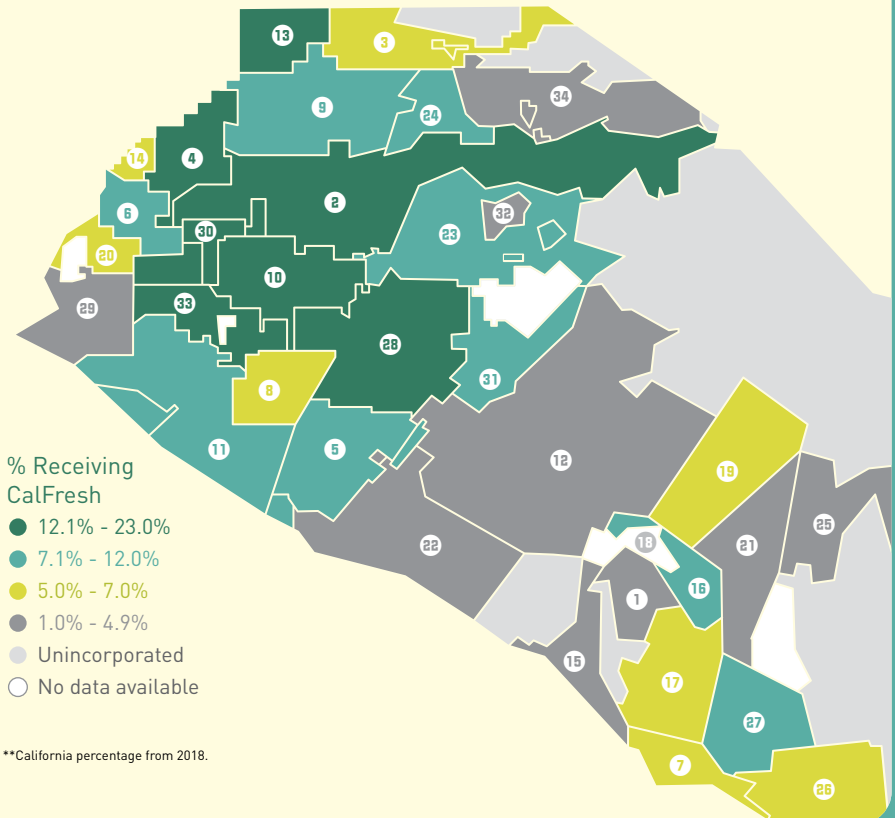
Source: Orange County Social Services Agency



Percent of Children Under 18 Years Old Receiving CalFresh, by City, 2018/19

- | | | |
|-----------------------------|-----------------------------------|---------------------------------|
| 1 ALISO VIEJO
4.0% | 14 LA PALMA
7.0% | 27 SAN JUAN CAPISTRANO
10.0% |
| 2 ANAHEIM
21.0% | 15 LAGUNA BEACH
2.0% | 28 SANTA ANA
23.0% |
| 3 BREA
5.0% | 16 LAGUNA HILLS
10.0% | 29 SEAL BEACH
3.0% |
| 4 BUENA PARK
15.0% | 17 LAGUNA NIGUEL
5.0% | 30 STANTON
16.0% |
| 5 COSTA MESA
10.0% | 18 LAGUNA WOODS*
N/A | 31 TUSTIN
12.0% |
| 6 CYPRESS
10.0% | 19 LAKE FOREST
6.0% | 32 VILLA PARK
1.0% |
| 7 DANA POINT
6.0% | 20 LOS ALAMITOS
7.0% | 33 WESTMINSTER
21.0% |
| 8 FOUNTAIN VALLEY
7.0% | 21 MISSION VIEJO
4.0% | 34 YORBA LINDA
3.0% |
| 9 FULLERTON
12.0% | 22 NEWPORT BEACH
2.0% | |
| 10 GARDEN GROVE
20.0% | 23 ORANGE
12.0% | |
| 11 HUNTINGTON BEACH
8.0% | 24 PLACENTIA
12.0% | |
| 12 IRVINE
4.0% | 25 RANCHO SANTA MARGARITA
3.0% | |
| 13 LA HABRA
14.0% | 26 SAN CLEMENTE
5.0% | |

ORANGE COUNTY:
14.2%
CALIFORNIA:**
21.0%



- % Receiving CalFresh**
- 12.1% - 23.0%
 - 7.1% - 12.0%
 - 5.0% - 7.0%
 - 1.0% - 4.9%
 - Unincorporated
 - No data available

Notes: *2010-2019 American Community Survey estimates no population under 18 in Laguna Woods. **California percentage from 2018.
Source: Orange County Social Services Agency, Family Health Division

HOUSING

ABOUT 1 IN 10 INSECURELY HOUSED STUDENTS LIVE IN SHELTERS, HOTELS OR MOTELS OR ARE UNSHELTERED.

DESCRIPTION OF INDICATOR

This indicator reports the number of insecurely housed students identified by school districts as homeless, meaning they are living unsheltered or in motels, shelters, parks and doubling- or tripling-up in a home, as defined by the McKinney-Vento Homeless Education Assistance Act.

Why is this indicator important?

The high mobility, trauma and poverty associated with homelessness and insecure housing create educational barriers, low school attendance, developmental, physical and emotional problems for students. Lacking a fixed, regular nighttime stay increases the chances that a student will require additional support services associated with their developmental and academic success. A homeless student or one living in a crowded environment may experience a greater tendency for stress and anxiety not knowing where they are going to sleep each night nor having a consistent, quiet, permanent place to study or do their homework. Lack of secure housing may be associated with lower standardized test scores in all areas.

Findings

- In 2018/19, 6.8% (29,840) of students in Orange County experienced insecure housing, which is 55.0% greater than in 2009/10, at 4.4% (26,029).¹
- With regard to primary nighttime residence, in 2018/19:
 - 89.1% (26,600) of insecurely housed students were doubled or tripled-up in housing.
 - 4.6% (1,380) of insecurely housed students were in hotels or motels.
 - 4.7% (1,403) of insecurely housed students were housed in shelters.
 - 1.5% (457) of insecurely housed students were unsheltered.²
- Of those students with insecure housing in 2018/19, elementary age students (pre K-5th) represent the highest percentage at 43.2%, followed by high school age students (grades 9-12) at 33.4% and middle school students (grades 6-8) at 23.4%.

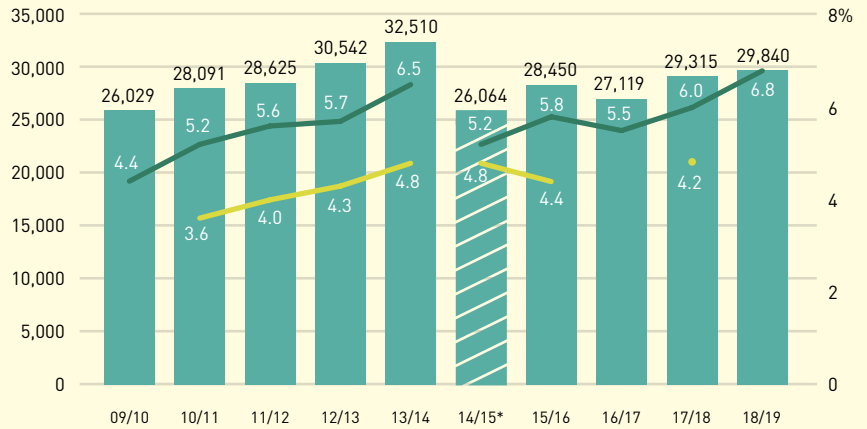
¹ The data are collected from the Local Education Agency (school district) and reported to the California Department of Education (CDE) at the end of each academic year, by June 30. Beginning 2010-2011, CDE began collecting the data directly via California Longitudinal Pupil Achievement Data System. Data from 2014-2015 is lower due to a statewide data system error at the CDE that likely resulted in under-reported counts. ² Due to the small population size, the data may be unstable.

ECONOMIC WELL-BEING

Number and Percent of Students with Insecure Housing, Orange County and California, 2009/10 to 2018/19

- Total Orange County Students with Insecure Housing
- % of Total Student Enrollment in Orange County
- % of Total Student Enrollment in California
- ▨ Unstable Data

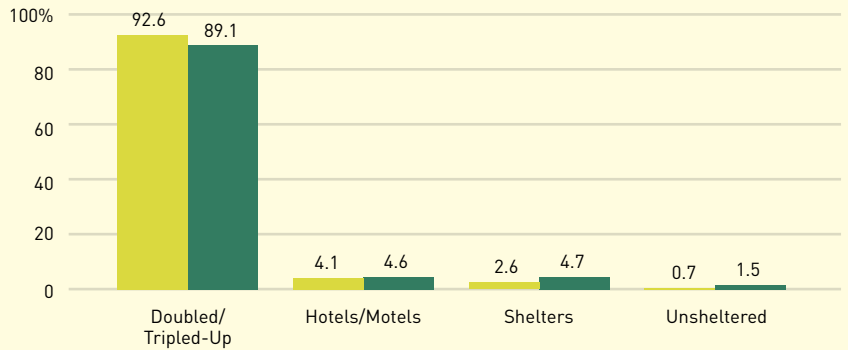
* Data from 2014-2015 is lower due to a statewide data system error at the CDE that likely resulted in under-reported counts.
Source: California Department of Education



Primary Nighttime Residency of Insecurely Housed Students 2009/10 and 2018/19

- 2009/10
- 2018/19

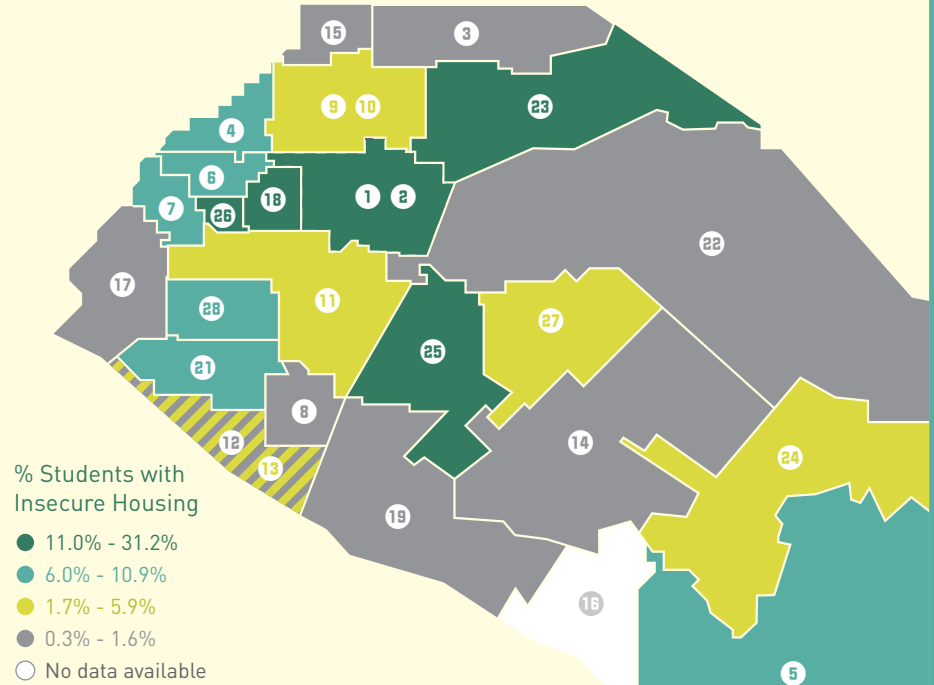
Source: California Department of Education



Percent of Enrolled Students with Insecure Housing, by School District, 2018/19

- | | | |
|------------------------------------|-------------------------------------|--|
| 1 ANAHEIM 11.4% | 12 HUNTINGTON BEACH CITY 0.7% | 23 PLACENTIA-YORBA LINDA UNIFIED 13.4% |
| 2 ANAHEIM UNION HIGH 11.6% | 13 HUNTINGTON BEACH UNION HIGH 3.5% | 24 SADDLEBACK VALLEY UNIFIED 4.0% |
| 3 BREA-OLINDA UNIFIED 0.5% | 14 IRVINE UNIFIED 0.4% | 25 SANTA ANA UNIFIED 13.2% |
| 4 BUENA PARK 7.6% | 15 LA HABRA CITY 1.1% | 26 SAVANNA 16.3% |
| 5 CAPISTRANO UNIFIED 6.9% | 16 LAGUNA BEACH UNIFIED N/A | 27 TUSTIN UNIFIED 1.7% |
| 6 CENTRALIA 9.9% | 17 LOS ALAMITOS UNIFIED 0.3% | 28 WESTMINSTER 8.6% |
| 7 CYPRESS 10.5% | 18 MAGNOLIA 31.2% | |
| 8 FOUNTAIN VALLEY 0.8% | 19 NEWPORT-MESA UNIFIED 0.7% | |
| 9 FULLERTON 1.7% | 20 OCDE - ACCESS* 17.5% | |
| 10 FULLERTON JOINT UNION HIGH 2.8% | 21 OCEAN VIEW 8.2% | |
| 11 GARDEN GROVE UNIFIED 2.4% | 22 ORANGE UNIFIED 1.1% | |

ORANGE COUNTY: 6.8%
 CALIFORNIA: Not yet updated



Note: * OCDE - ACCESS (Alternative, Community and Correctional Schools and Service) student population is unique in that it encompasses a wide range of youth, including students in group homes or incarcerated in institutions, students on probation or homeless, students who are parents or working full-time, students participating in a home schooling program and students who are referred by local school districts.
Source: California Department of Education. Data provided by districts on their LEA Reporting Consolidated Application and Reporting System (CARS)

CHILD SUPPORT

CHILD SUPPORT COLLECTIONS AND SUPPORT DISTRIBUTION TO FAMILIES INCREASE.

DESCRIPTION OF INDICATOR

This indicator reports the Distributed Net Collections divided by the average monthly caseload for the Federal Fiscal Year. Improvements in collections per case reflects an increase in income to parents to provide for the basic needs of their children.

Why is this indicator important?

The number of Orange County children living in poverty has increased slightly since 2011 (presently 106,810).¹ Research shows that child support payments help to lift more than one million Americans above the poverty line each year and assist families with incomes below the poverty line to make ends meet.² Child Support Services (CSS) builds partnerships with parents, develops community linkages and cultivates existing relationships with other county agencies. Expected results are increased collections and improved performance, which yield increased financial support to meet the needs of children and families. Child support collections pay for essentials such as food, shelter, child care and medical support. CSS has implemented a family-centered approach that connects customers to local resources for family essentials (e.g., clothing and food), parental success (e.g., parenting classes and financial workshops) and individual services (e.g., adult education and job training). In the last 10 years, the number of Orange County CSS cases has decreased while services to customers have increased, along with the collections per case.

Findings

- Total Orange County child support cases decreased by 30.1% from 89,852 in 2010/11 to 62,851 in 2019/20.
- Over the same period, net collections increased by 12.2% from \$177.4 million in 2010/11 to \$199.1 million in 2019/20, with an average of \$182.8 million annually.
- Most (93.6%) Orange County cases have a court order established, in comparison to California's rate of 92.1%. Since 2009/10, the percentage of cases in Orange County with a court order has increased 23.0% (from 76.1%).³
- The percent of current support distributed among Orange County cases during 2019/20 was 68.2% (which equates to \$145.3 million distributed), which is higher than the California rate of 66.1% and represents a 15.6% increase from 2010/11 when the rate was 59.0%.⁴

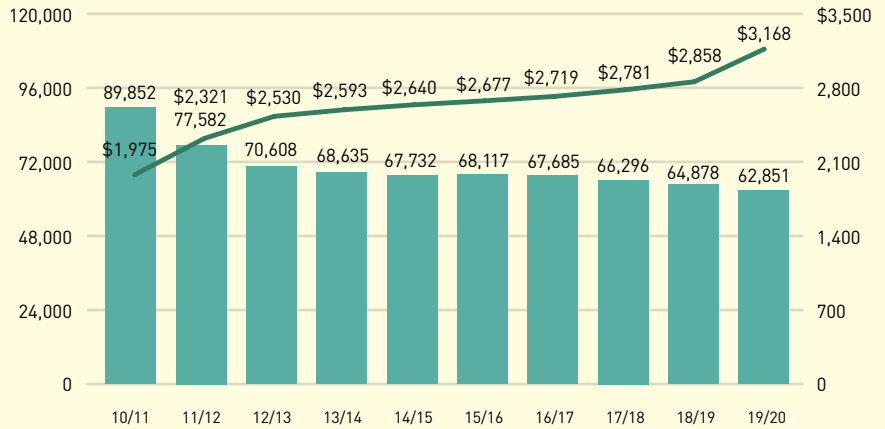
¹ U.S. Census Bureau, American Community Survey, 5-Year Estimates, 2014 - 2018. Table S1701. ² Turetsky, V., 2005. ³ California Department of Child Support Services: Comparative Data for Managing Program Performance, FFY 2019. Published March 2020. Percentage data source, Table 1.2 Cases with Support Orders Established using Point-in Time Data. ⁴ Department of Child Support Services, 209. Collection Rate Percentage and Dollars Owed collected from California pulled from State of California - Health and Human Services Agency Child Support Program Statistics FFY 2018, table 1.3.

ECONOMIC WELL-BEING

Total Child Support Cases and Per Case Collections, 2010/11 to 2019/20

- Total Number of Cases
- Per Case Collection

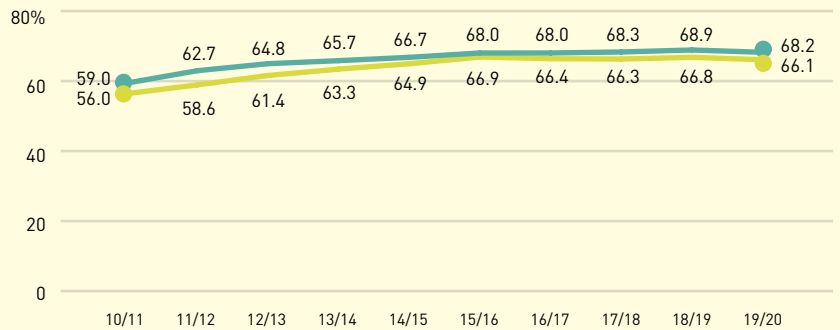
Note: Total cases each year is a 12-month average from July to June.
Source: Orange County Department of Child Support Services



Percent of Child Support Distributed, Orange County and California 2010/11 to 2019/20

- Orange County
- California

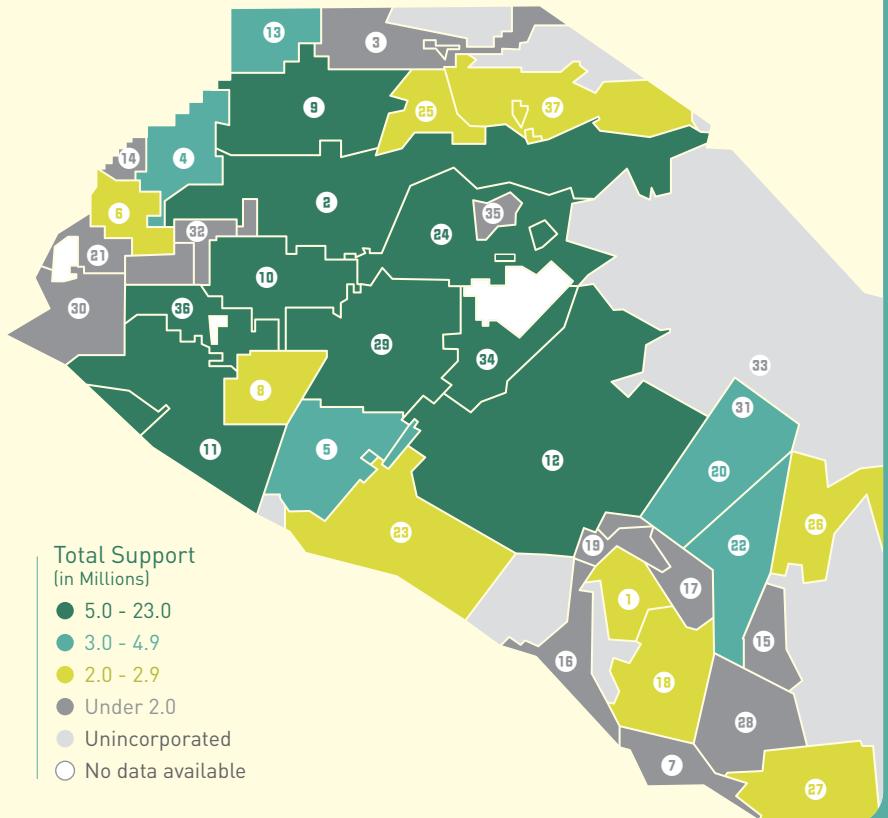
Source: Orange County Department of Child Support Services



Number of Cases and Total Support Distributed, by Community of Residence, 2019/20

1 ALISO VIEJO 463 \$2,670,962	13 LA HABRA 943 \$3,785,217	26 RANCHO SANTA MARGARITA 379 \$2,034,352
2 ANAHEIM 6,162 \$22,396,815	14 LA PALMA 132 \$526,888	27 SAN CLEMENTE 470 \$2,611,633
3 BREA 447 \$1,993,922	15 LADERA RANCH 239 \$1,598,466	28 SAN JUAN CAPISTRANO 346 \$1,523,452
4 BUENA PARK 1,285 \$4,454,118	16 LAGUNA BEACH 96 \$673,037	29 SANTA ANA 5,545 \$19,936,586
5 COSTA MESA 1,081 \$4,576,776	17 LAGUNA HILLS 281 \$1,298,689	30 SEAL BEACH 88 \$498,632
6 CYPRESS 538 \$2,442,237	18 LAGUNA NIGUEL 475 \$2,746,224	31 SILVERADO 18 \$70,988
7 DANA POINT 276 \$1,268,409	19 LAGUNA WOODS 28 \$82,937	32 STANTON 571 \$1,909,169
8 FOUNTAIN VALLEY 481 \$2,047,990	20 LAKE FOREST 724 \$3,271,661	33 TRABUCO CANYON 172 \$886,715
9 FULLERTON 1,801 \$7,042,394	21 LOS ALAMITOS 175 \$885,558	34 TUSTIN 1,215 \$5,046,495
10 GARDEN GROVE 2,421 \$9,012,253	22 MISSION VIEJO 743 \$3,608,153	35 VILLA PARK 20 \$236,010
11 HUNTINGTON BEACH 1,905 \$8,754,161	23 NEWPORT BEACH 395 \$2,882,717	36 WESTMINSTER 1,219 \$5,035,947
12 IRVINE 1,420 \$8,206,372	24 ORANGE 1,678 \$6,306,777	37 YORBA LINDA 526 \$2,940,314
	25 PLACENTIA 650 \$2,643,001	

ORANGE COUNTY:
35,408 CASES
\$147.9 MILLION



Source: Orange County Department of Child Support Services

EDUCATIONAL ACHIEVEMENT INDICATORS

KINDERGARTEN READINESS

PERCENT OF CHILDREN READY FOR KINDERGARTEN



51.9% 2015 **52.9%** 2019

HIGH SCHOOL DROPOUT RATES

PERCENT OF HIGH SCHOOL DROPOUTS FOR GRADES 9-12 COHORT



12.3% 2009/10 **5.1%** 2018/19

THIRD GRADE ENGLISH LANGUAGE ARTS

PERCENT OF THIRD GRADE STUDENTS WHO MET OR EXCEEDED STATE STANDARDS FOR ENGLISH LANGUAGE ARTS



46.0% 2014/15 **56.0%** 2018/19

COLLEGE READINESS

PERCENT OF GRADUATES WITH UC/CSU ELIGIBLE REQUIREMENTS



38.3% 2009/10 **55.3%** 2018/19

THIRD GRADE MATHEMATICS

PERCENT OF THIRD GRADE STUDENTS WHO MET OR EXCEEDED STATE STANDARDS FOR MATHEMATICS



51.0% 2014/15 **59.0%** 2018/19

CHRONIC ABSENTEEISM

PERCENT OF STUDENTS CHRONICALLY ABSENT FROM SCHOOL



7.7% 2016/17 **8.8%** 2018/19



UPWARD TREND IMPROVEMENT



UPWARD TREND NEEDS IMPROVEMENT



DOWNWARD TREND IMPROVEMENT



DOWNWARD TREND NEEDS IMPROVEMENT

NOTE: Variation in data ranges are due to availability of data and frequency of data collection.



KINDERGARTEN READINESS

3 IN 5 CHILDREN ENTERING SCHOOL ARE NOT FULLY READY IN THEIR COMMUNICATION SKILLS AND GENERAL KNOWLEDGE.

DESCRIPTION OF INDICATOR

Orange County uses the Early Development Index (EDI) to measure children's readiness for school. The EDI – conducted during the kindergarten year – assesses children's development by using a questionnaire filled out by kindergarten teachers for every child in their class. It tracks five areas of a child's development: language and cognitive development; communication skills and general knowledge; social competence; emotional maturity; and physical health and well-being. In 2015, comprehensive EDI data was available for children enrolled in public school for the first time in Orange County and thus serves as a baseline to measure changes in incoming kindergarten class readiness over time.

Why is this indicator important?

Long-term, a child's academic success is heavily dependent upon their readiness for kindergarten. Children who enter school with early skills, such as basic knowledge of math and reading concepts as well as communication, language, social competence and emotional maturity, are more likely than their peers without such skills to experience later academic success, attain higher levels of education and secure employment.¹ Factors that influence kindergarten readiness include family and community supports and environments, as well as children's early development opportunities and experiences. The EDI is one way to assess how well communities are preparing their children for school.

Findings

- In 2019, 52.9% of children in Orange County were developmentally ready for kindergarten, a 1.9% increase from 2015 at 51.9%. Children are considered developmentally ready for school if they are on track in all five areas assessed (or in all four areas if only four areas were assessed).²
- Among kindergartners, the areas of greatest vulnerabilities are language and cognitive

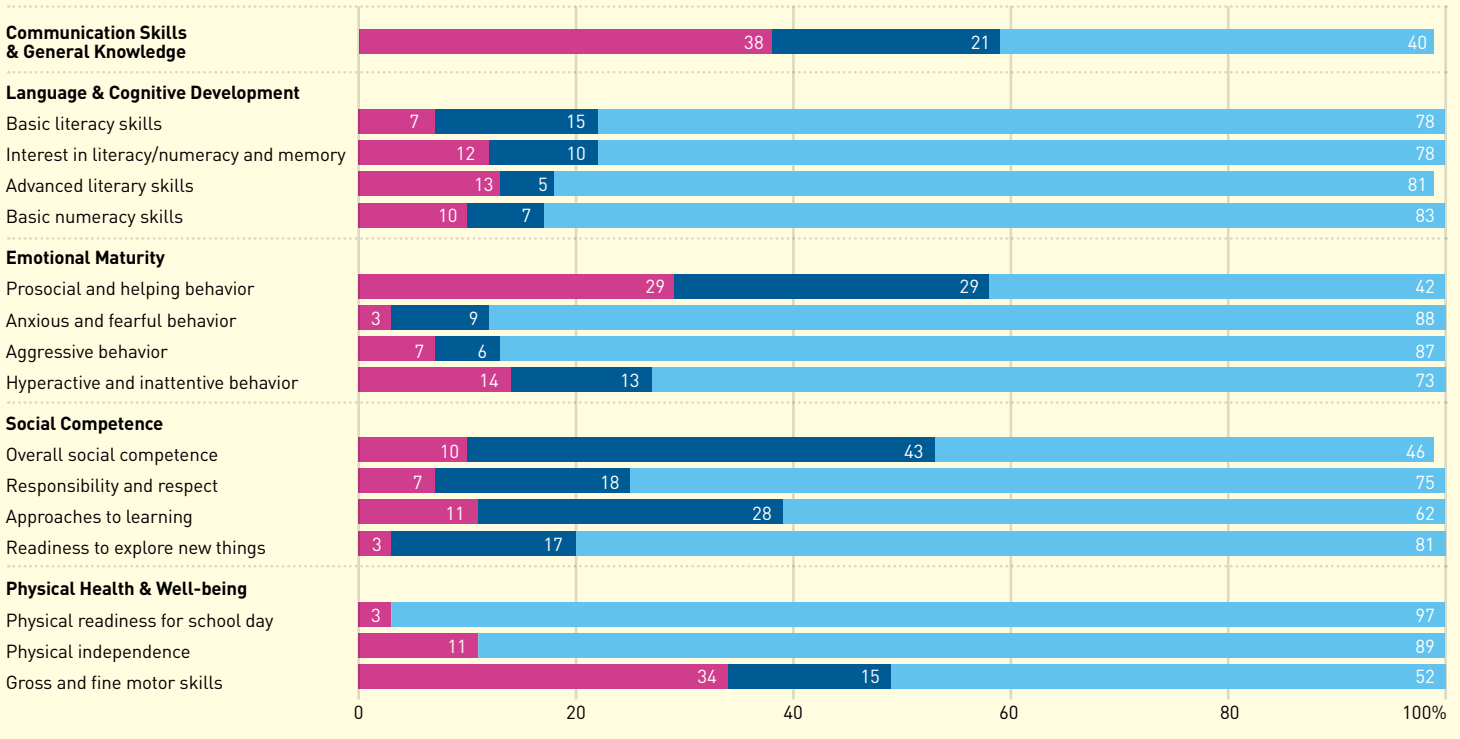
development (27% vulnerable or at-risk) and communication skills and general knowledge (26% vulnerable or at-risk). Smaller percentages of children are vulnerable or at risk in social competence (22%), physical health and well-being (20%) and emotional maturity (20%).

- The five developmental areas are made up of 16 sub areas which are measured by a child's readiness (ready, somewhat ready or not ready). Within these sub areas, children are least ready in their communication skills and general knowledge (59% not ready or somewhat ready), prosocial and helping behavior (58%), overall social competence (53%) and gross and fine motor skills (49%).
- Communities with the highest percentage of students developmentally ready for school include Ladera Ranch at 75.9% (345 children), followed by North Tustin at 71.4% (49), Los Alamitos at 68.9% (286) and Coto de Caza at 67.3% (52).³
- The lowest percentage of students ready for school are in the communities of Midway City at 41.2% (177 children) followed by Villa Park at 42.0% (69) and Stanton at 42.4% (425).

EDUCATION

Percent of Children Not Ready for Kindergarten, by Sub Area, 2019

● Not Ready ● Somewhat Ready ● Ready

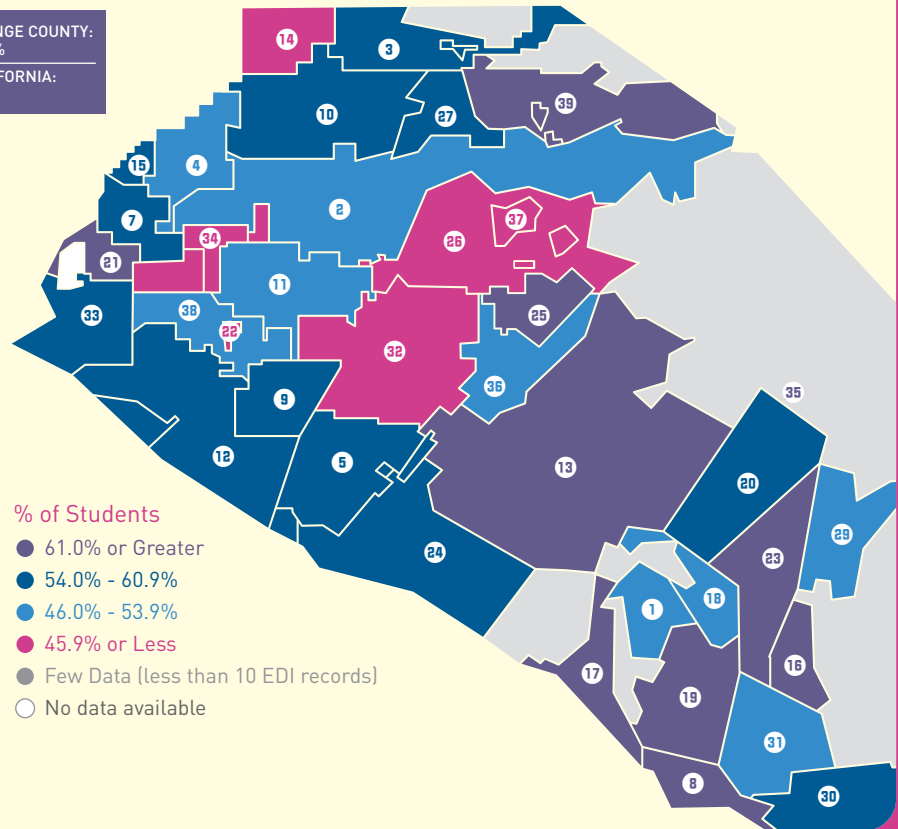


Note: Due to rounding, percentages may not add to 100. Source: Early Development Index, 2019

Percent of Children Ready for Kindergarten, by Community of Residence, 2019

- 1 ALISO VIEJO 53.0%
- 2 ANAHEIM 47.5%
- 3 BREA 58.4%
- 4 BUENA PARK 48.0%
- 5 COSTA MESA 55.1%
- 6 COTO DE CAZA 67.3%
- 7 CYPRESS 60.7%
- 8 DANA POINT 62.0%
- 9 FOUNTAIN VALLEY 55.9%
- 10 FULLERTON 57.0%
- 11 GARDEN GROVE 48.7%
- 12 HUNTINGTON BEACH 58.7%
- 13 IRVINE 64.8%
- 14 LA HABRA 43.7%
- 15 LA PALMA 55.5%
- 16 LADERA RANCH 75.9%
- 17 LAGUNA BEACH 65.3%
- 18 LAGUNA HILLS 46.9%
- 19 LAGUNA NIGUEL 63.7%
- 20 LAKE FOREST 58.8%
- 21 LOS ALAMITOS 68.9%
- 22 MIDWAY CITY 41.2%
- 23 MISSION VIEJO 63.6%
- 24 NEWPORT BEACH 59.7%
- 25 NORTH TUSTIN 71.4%
- 26 ORANGE 44.5%
- 27 PLACENTIA 55.9%
- 28 RANCHO MISSION VIEJO 61.3%
- 29 RANCHO SANTA MARGARITA 53.9%
- 30 SAN CLEMENTE 59.0%
- 31 SAN JUAN CAPISTRANO 47.5%
- 32 SANTA ANA 44.8%
- 33 SEAL BEACH 55.8%
- 34 STANTON 42.4%
- 35 TRABUCO CANYON 64.7%
- 36 TUSTIN 51.1%
- 37 VILLA PARK 42.0%
- 38 WESTMINSTER 50.8%
- 39 YORBA LINDA 63.7%

ORANGE COUNTY: 52.9%
CALIFORNIA: N/A



Source: Early Development Index, 2019

THIRD GRADE ENGLISH LANGUAGE ARTS

THIRD GRADE STUDENTS SHOW GREATEST IMPROVEMENT IN READING AND LISTENING.

DESCRIPTION OF INDICATOR

This indicator presents the California Assessment of Student Performance and Progress (CAASPP) data for student academic performance in English Language Arts and Literacy (ELA) among third grade students. Starting in 2014/15 (2015), CAASPP reflects the Common Core State Standards and online testing system to measure the academic performance of students.

Why is this indicator important?

CAASPP is designed to demonstrate progress towards learning problem-solving and critical thinking skills needed for college and career readiness. It gives schools and communities data on the performance of students and significant student groups within a school. This information helps schools analyze academic progress and if resource re-allocation is needed to ensure all students succeed. ELA assesses a student's performance in reading, writing, listening and research. Understanding performance at the completion of third grade is important because third grade is the year that the focus of reading instruction shifts from learning to read, to reading to learn. Third-graders who lack proficiency in reading are four times more likely to become high school dropouts.¹

Findings

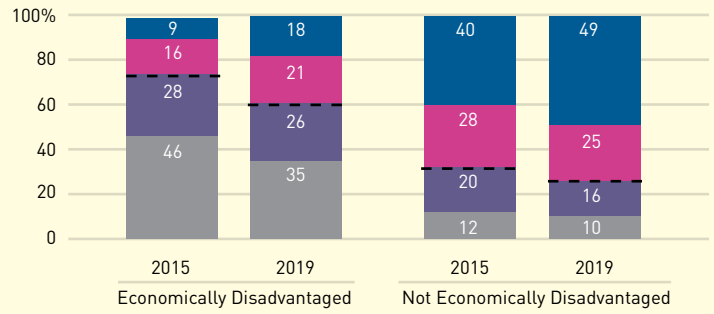
- In 2019, over half (56%) of third grade students met or exceeded the statewide achievement standard for ELA, a 22% increase from 2015 (46%) and higher than California at 49%.
- Among third grade students who are not economically disadvantaged, 74% met or exceeded the achievement standards in ELA, substantially higher than those students who are economically disadvantaged at 39%.
- Between 2015 and 2019, the percentage of economically disadvantaged students who met or exceeded standards increased by 57% compared to a 9% increase among students who were not economically disadvantaged.
- The ELA assessments are subdivided by four academic focus areas. Thirty-three percent of third graders were above standards in the area of Reading, followed by 29% in Research/Inquiry, 27% in Writing and 26% in Listening.
- Across all focus areas, more third grade students were above standards in 2019 than 2015. The greatest improvement was in listening (46% increase), followed by Reading (43% increase), Research/Inquiry (28% increase) and Writing (17% increase).
- Asian students exceeded or met standards for ELA at 80%, followed by Multiacial (77%), Filipino (71%), White (71%), Native Hawaiian or Pacific Islander (48%), Black or African American (46%), American Indian or Alaska Native (41%) and Hispanic or Latino (39%) students. Since 2015, Hispanic or Latino students have shown the greatest improvement with a 55% increase in students who exceeded or met standards.
- The school districts with the highest percentage of third grade students exceeding or meeting standards for overall achievement in English Language Arts were Laguna Beach Unified (85%), Los Alamitos Unified (84%), Irvine Unified (75%) and Huntington Beach City (73%). The school districts with the lowest percentages were Santa Ana Unified (32%), Anaheim City (32%) and La Habra City (34%).

EDUCATION

Overall Achievement in ELA Among Third Grade Students, by Socioeconomic Status, 2015 and 2019

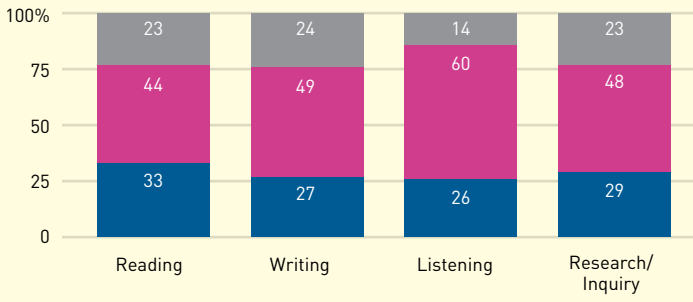
- Standard Not Met
- Standard Nearly Met
- Standard Met
- Standard Exceeded

Note: A student is defined as "economically disadvantaged" if the most educated parent of the student, as indicated in CALPADS, has not received a high school diploma or the student is eligible to participate in free or reduced-price lunch program also known as the National School Lunch Program.
Source: CAASPP, 2018/19 (2019)



Achievement in ELA Focus Areas Among Third Grade Students, 2019

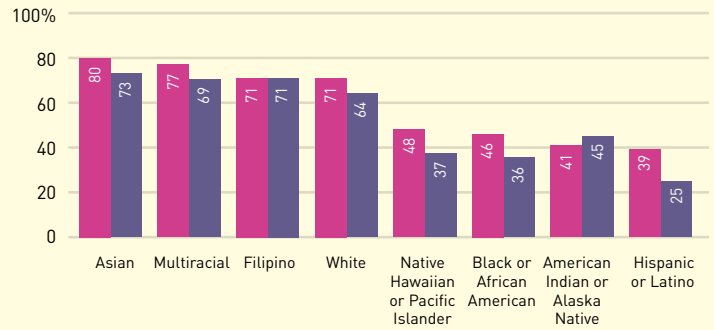
- Above Standard
- At or Near Standard
- Below Standard



Note: ELA results include information about the students' performance in the areas of reading, writing, listening and research. The student's performance in these key areas for each subject are reported using the following three indicators: below standard, at or near standard and above standard.
Source: CAASPP, 2018/19 (2019)

Overall Achievement in ELA Among Third Grade Students, by Race/Ethnicity, 2015 and 2019

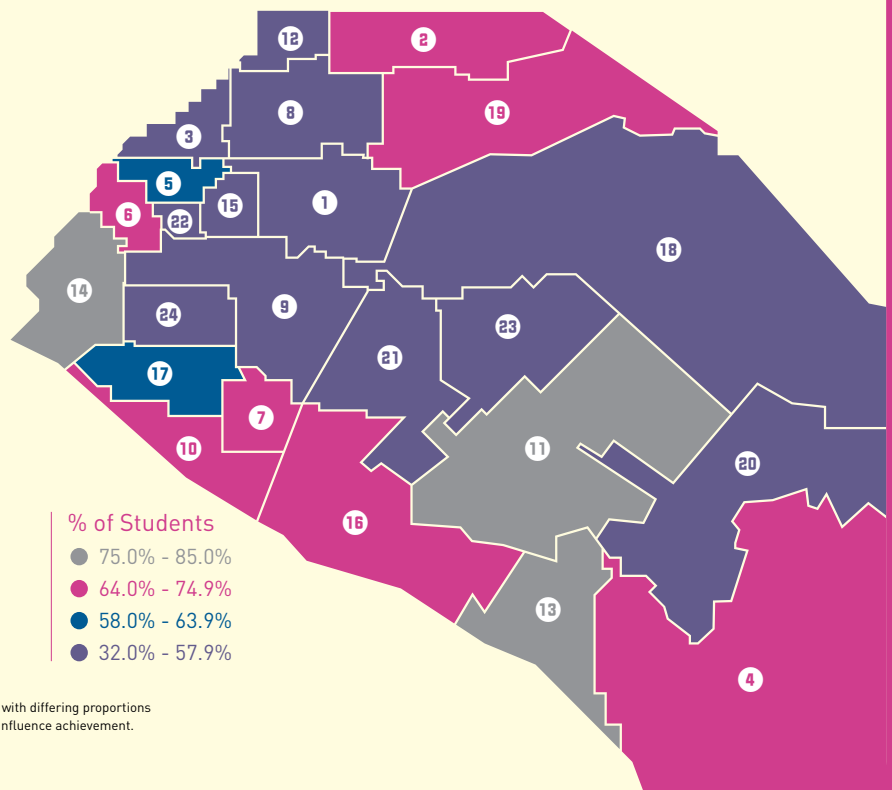
- 2019 Standard Exceeded/Met
- 2015 Standard Exceeded/Met



Note: Third grade student enrollment by race/ethnicity is 50.2% Hispanic or Latino, 24.1% White, 16.0% Asian, 5.2% Multiracial, 1.9% Filipino, 1.2% African American, 0.3% Native Hawaiian or Pacific Islander, 0.1% American Indian or Alaska Native and 1% Not Reported.
Source: CAASPP, 2018/19 (2019)

Percent of Third Grade Students Who Exceeded or Met Standards for ELA Overall Achievement, by School District, 2019

- | | |
|-----------------------------------|---|
| 1 ANAHEIM
32.0% | 14 LOS ALAMITOS UNIFIED
84.0% |
| 2 BREA-OLINDA UNIFIED
65.0% | 15 MAGNOLIA
54.0% |
| 3 BUENA PARK
45.0% | 16 NEWPORT-MESA UNIFIED
65.0% |
| 4 CAPISTRANO UNIFIED
66.0% | 17 OCEAN VIEW
58.0% |
| 5 CENTRALIA
61.0% | 18 ORANGE UNIFIED
53.0% |
| 6 CYPRESS
68.0% | 19 PLACENTIA-YORBA LINDA UNIFIED
65.0% |
| 7 FOUNTAIN VALLEY
72.0% | 20 SADDLEBACK VALLEY UNIFIED
56.0% |
| 8 FULLERTON
53.0% | 21 SANTA ANA UNIFIED
32.0% |
| 9 GARDEN GROVE UNIFIED
56.0% | 22 SAVANNA
48.0% |
| 10 HUNTINGTON BEACH CITY
73.0% | 23 TUSTIN UNIFIED
56.0% |
| 11 IRVINE UNIFIED
75.0% | 24 WESTMINSTER
56.0% |
| 12 LA HABRA CITY
34.0% | |
| 13 LAGUNA BEACH UNIFIED
85.0% | |
- ORANGE COUNTY: 56.0%
 CALIFORNIA: 49.0%



Note: District comparisons should be interpreted with caution as districts vary greatly in composition, with differing proportions of students who are English learners, special needs, low income, or homeless - all factors which can influence achievement.
Source: CAASPP, 2018/19 (2019)

THIRD GRADE MATHEMATICS

ECONOMICALLY DISADVANTAGED STUDENTS SHOW GREATEST IMPROVEMENT IN MATH, WHILE DISPARITY PERSISTS.

DESCRIPTION OF INDICATOR

This indicator presents the new California Assessment of Student Performance and Progress (CAASPP) data for student academic performance in mathematics. Starting in 2014/15 (2015), CAASPP reflects the Common Core State Standards and online testing system to measure the academic performance of students. This indicator reports on third grade students.

Why is this indicator important?

CAASPP is designed to demonstrate progress towards learning problem-solving and critical-thinking skills needed for college and a career. It gives schools and communities data on the performance of all students and significant subgroups within a school. This information helps schools analyze their academic progress and if resource reallocation is needed to ensure all students succeed. The mathematics component assesses a student's performance in applying mathematical concepts and procedures, using appropriate tools and strategies to solve problems and demonstrating ability to support mathematical conclusions. It is known that math difficulties are cumulative and worsen with time.¹ Understanding third grade performance is important because it is the year that students start utilizing the decimal system to do multi-digit number calculations, an important foundation for future success in mathematics.

Findings

- In 2019, over half (59%) of Orange County third grade students met or exceeded the statewide achievement standard in math, a 16% increase from 2015 (51%) and higher than California at 50%.
- Among third grade students who are not economically disadvantaged, 76% met or exceeded the achievement standards in math,

substantially higher than those students who are economically disadvantaged at 42%.

- Between 2015 and 2019, the percentage of economically disadvantaged students who met or exceeded standards increased by 35% compared to a 5% increase among students who were not economically disadvantaged.
- The mathematics assessments are subdivided by three academic focus areas. Forty-three percent of third grade students were above the standard in Concepts and Procedures compared to Communicating Reasoning (36%) and Problem Solving and Modeling/Data Analysis (35%).
- Asian students exceeded or met standards in math at 86%, followed by Multiracial (78%), White (73%), Filipino (72%), Native Hawaiian or Pacific Islander (58%), Black or African American (45%), American Indian or Alaska Native (42%) and Hispanic or Latino (41%) students. Since 2015, Hispanic or Latino students showed the greatest improvement with a 32% increase.²
- The school districts with the highest percentage of third grade students exceeding or meeting standards for overall achievement in math were Los Alamitos Unified (90%), Laguna Beach Unified (87%), and Fountain Valley (83%). The school districts with the lowest percentage were Anaheim (33%), Santa Ana Unified (35%), and La Habra City (39%).

¹ National Mathematics Advisory Panel. Foundations for success: The final report of the National Mathematics Advisory Panel, Washington, DC: U.S. Department of Education, 2008.

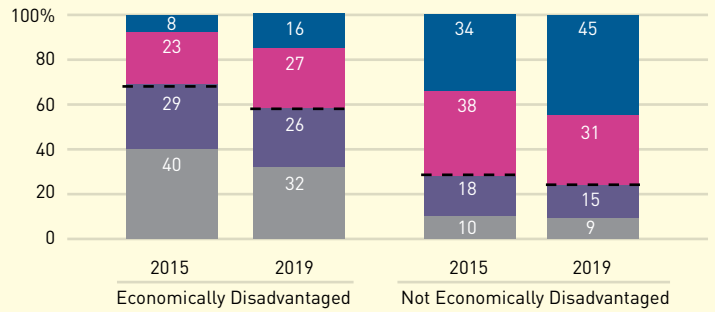
² The percentage increase in Hispanic or Latino students who exceeded or met standards in math between 2015 and 2018 was misreported in the 25th Annual Conditions of Children's report. The correct percentage increase was 30%, not 56%.

EDUCATION

Overall Achievement Among Third Grade Students in Mathematics, by Socioeconomic Status, 2015 and 2019

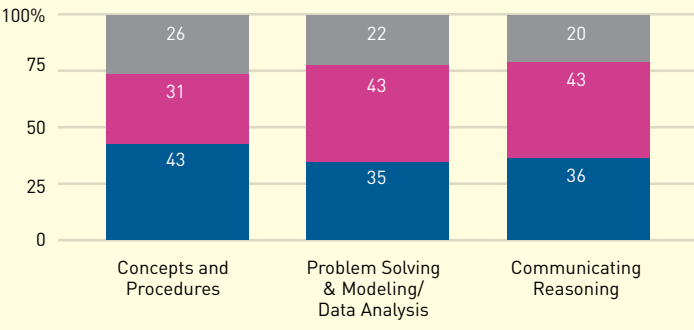
● Standard Not Met ● Standard Nearly Met ● Standard Met ● Standard Exceeded

Note: A student is defined as "economically disadvantaged" if the most educated parent of the student, as indicated in CALPADS, has not received a high school diploma or the student is eligible to participate in free or reduced-price lunch program also known as the National School Lunch Program.
Source: CAASPP, 2018/19 (2019)



Achievement in Mathematics Focus Areas Among Third Grade Students, 2019

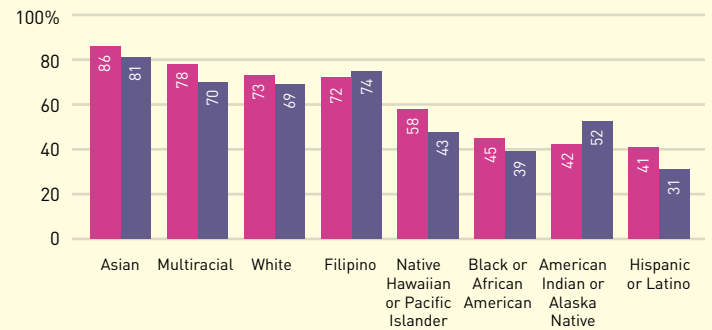
● Above Standard ● At or Near Standard ● Below Standard



Note: Math results include information about the students' performance in the areas of concepts and procedures, problem solving & modeling/data analysis and communicating reasoning. The student's performance in these key areas for each subject are reported using the following three indicators: below standard, at or near standard and above standard
Source: CAASPP, 2018/19 (2019)

Overall Achievement in Mathematics Among Third Grade Students, by Race/Ethnicity, 2015 to 2019

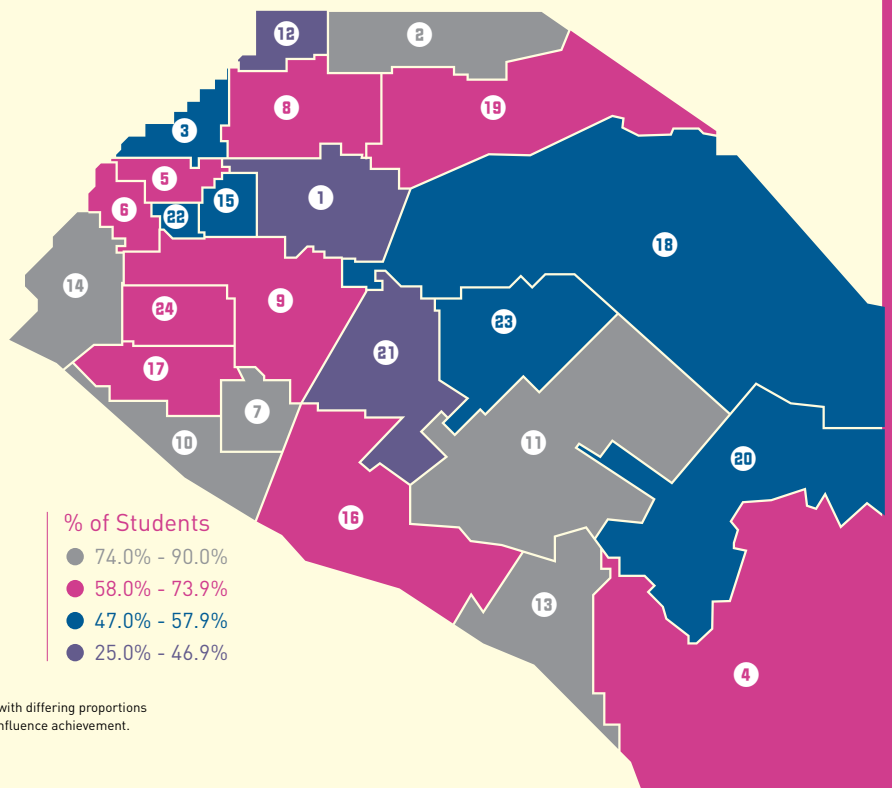
● 2019 Standard Exceeded/Met ● 2015 Standard Exceeded/Met



Note: Third grade student enrollment by race/ethnicity is 50.2% Hispanic or Latino, 24.1% White, 16.0% Asian, 5.2% Multiracial, 1.9% Filipino, 1.2% Black or African American, 0.3% Native Hawaiian or Pacific Islander, 0.1% American Indian or Alaska Native and 1% Not Reported.
Source: CAASPP, 2018/19 (2019)

Percent of Third Grade Students Who Exceeded or Met Standards for Mathematics Overall Achievement, by School District, 2019

- 1 ANAHEIM 33.0%
 - 2 BREA-OLINDA UNIFIED 75.0%
 - 3 BUENA PARK 54.0%
 - 4 CAPISTRANO UNIFIED 66.0%
 - 5 CENTRALIA 63.0%
 - 6 CYPRESS 73.0%
 - 7 FOUNTAIN VALLEY 83.0%
 - 8 FULLERTON 58.0%
 - 9 GARDEN GROVE UNIFIED 60.0%
 - 10 HUNTINGTON BEACH CITY 76.0%
 - 11 IRVINE UNIFIED 76.0%
 - 12 LA HABRA CITY 39.0%
 - 13 LAGUNA BEACH UNIFIED 87.0%
 - 14 LOS ALAMITOS UNIFIED 90.0%
 - 15 MAGNOLIA 52.0%
 - 16 NEWPORT-MESA UNIFIED 66.0%
 - 17 OCEAN VIEW 63.0%
 - 18 ORANGE UNIFIED 53.0%
 - 19 PLACENTIA-YORBA LINDA UNIFIED 66.0%
 - 20 SADDLEBACK VALLEY UNIFIED 57.0%
 - 21 SANTA ANA UNIFIED 35.0%
 - 22 SAVANNA 50.0%
 - 23 TUSTIN UNIFIED 57.0%
 - 24 WESTMINSTER 60.0%
- ORANGE COUNTY: 59.0%
 CALIFORNIA: 50.0%



Note: District comparisons should be interpreted with caution as districts vary greatly in composition, with differing proportions of students who are English learners, special needs, low income, or homeless – all factors which can influence achievement.
Source: CAASPP, 2018/19 (2019)

HIGH SCHOOL DROPOUT RATES

FOSTER YOUTH ARE HARDEST HIT BY DROPOUT RATES.

DESCRIPTION OF INDICATOR

This indicator measures high school dropout rates for Orange County school districts, including detail by race/ethnicity and by program. Beginning in 2007/08 (2008), a student is considered a dropout if they were enrolled in grades 9 to 12 during the previous year and left before completing the current school year, or did not attend the expected school or any other school by October of the following year. Students are not counted as dropouts if they received a diploma, General Education Diploma (GED), or California High School Proficiency Exam (CHSPE) certificate; are Special Education completers; transferred to a degree-granting college; passed away; had a school-recognized absence; or were known to have left the state.¹

Why is this indicator important?

Education provides benefits to both individuals and society. Compared to high school graduates, dropouts earn lower wages, resulting in lower tax contributions and more utilization of welfare programs. They are also at higher risk for criminal involvement and health problems.²

Findings

- The Orange County cohort dropout rate for 2019 was 5.1%, lower than the California dropout rate of 9.0% and the United States dropout rate for public schools of 5.4% in 2017.³
- In 2019, there were 40,929 cohort students of which 36,700 graduated and 2,100 students dropped out. The remaining 2,129 students did not graduate because they were either considered still enrolled at the time of the cohort's graduation (1,051 students), Special Education completers (423), CHSPE completers

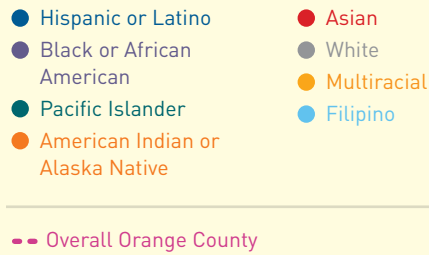
(218) or completed the GED (37) or adult education diploma (12). 388 students were "other transfers."

- Dropout rates for the 2019 school year continued to be highest among Black or African American students (9.9%), followed by Hispanic or Latino (7.2%), American Indian or Alaska Native (6.1%), Multiracial (4.4%), White (3.5%), Pacific Islander (3.5%), Filipino (2.2%) and Asian (2.2%) students.
- By program, dropout rates were highest among students enrolled as foster youth (21.0%), followed by English Learners (13.2%), Homeless Youth (10.8%), Migrant Education (8.7%), Students with Disabilities (8.6%) and Socioeconomically Disadvantaged (7.4%) programs.⁴

¹ California Department of Education, DataQuest, 2018/19 (2019) data. A cohort is a defined group of students that could potentially graduate during a 4-year time period (grade 9 through grade 12). Due to the changes in the methodology for calculating the 2016–17 Adjusted Cohort Graduation Rate (ACGR) and subsequent years, the 2016–17 ACGR data is not comparable with the cohort outcome data from prior years. ² Betfield, C. and Levin, H. (2007). The Economic Losses from High School Dropouts in California. ³ National Center of Education Statistics, The Condition of Education 2019, Indicator 1.18. ⁴ Socioeconomically Disadvantaged is a student whose parents have not received a high school diploma or is eligible for the free or reduced-price lunch program. English Learner is a student identified as English learner based on the results of the California English Language Development Test or is a reclassified fluent-English-proficient student (RFEP) who has not scored at the proficient level on the California English-Language Arts and Mathematics Standards Tests. Student with Disabilities is a student who receives special education services and has a valid disability code or was previously identified as special education but who is no longer receiving special education services for two years after exiting special education. Migrant is a student who changes schools during the year, often crossing school district and state lines, to follow work in agriculture, fishing, dairies, or the logging industry. Homeless Youth is a student who lacks a fixed, regular and adequate nighttime residence.

EDUCATION

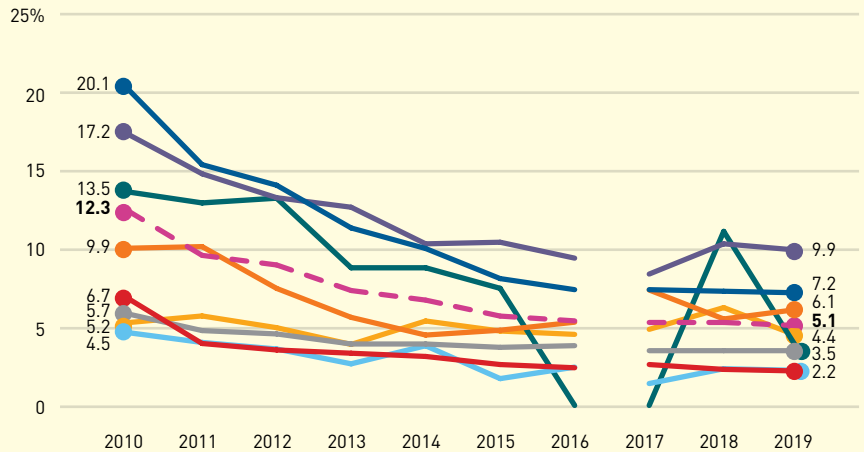
Percent of Grade 9-12 Cohort Dropouts, by Race/Ethnicity 2010 to 2019



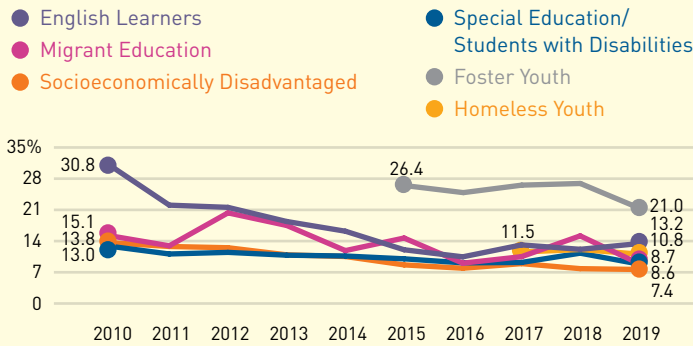
Note: A cohort is a defined group of students that could potentially graduate during a 4-year time period (grade 9 through grade 12). Due to the changes in the methodology for calculating the 2016-17 Adjusted Cohort Graduation Rate (ACGR) and subsequent years, the 2016-17 ACGR data is not comparable with the cohort outcome data from prior years.

Note: Data may be unstable to do small cohort population sizes for Black or African American, Pacific Islander and American Indian or Alaska Native.

Source: California Department of Education, DataQuest, 2018/19 (2019)

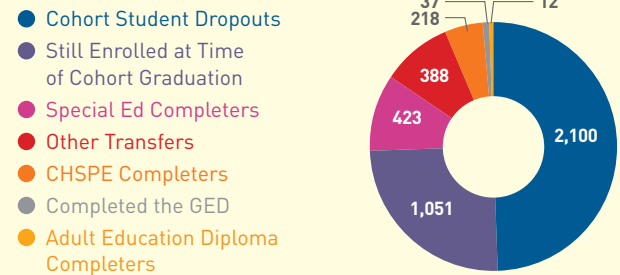


Percent of Grade 9-12 Cohort Dropouts by Program, 2010 to 2019



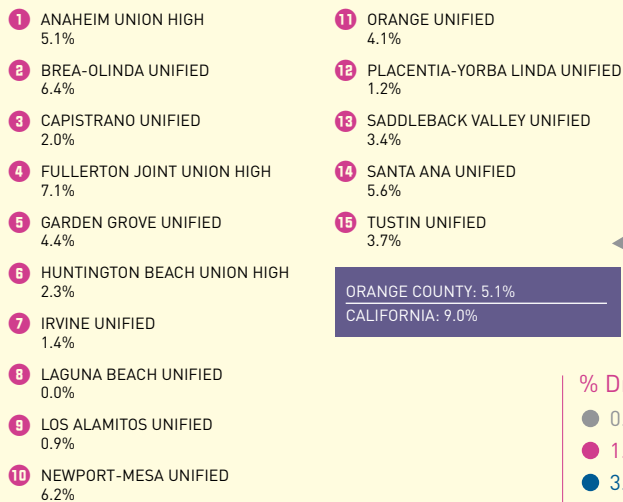
Source: California Department of Education, DataQuest, 2018/19 (2019)

Number of Students Who Did Not Graduate by Cohort, by Reason, 2019

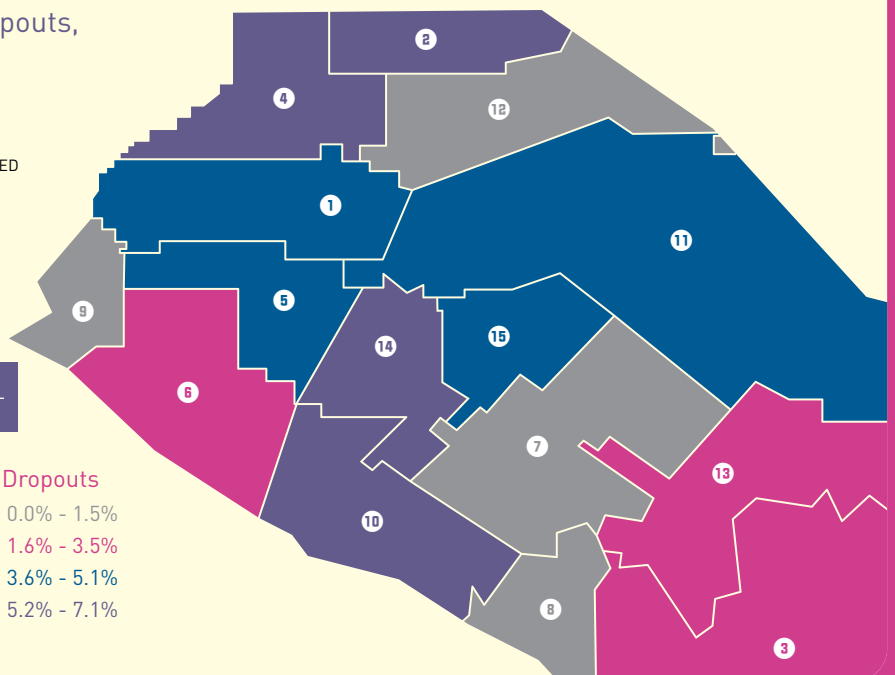


Source: California Department of Education, DataQuest, 2018/19 (2019)

Percent of Grade 9-12 Cohort High School Dropouts, by School District, 2019



Source: California Department of Education, DataQuest, 2018/19 (2019)



COLLEGE READINESS

MORE THAN HALF OF ORANGE COUNTY STUDENTS ARE COLLEGE-READY.

DESCRIPTION OF INDICATOR

This indicator tracks the number and percent of students who graduate from high school having completed the course requirements to be eligible to apply to a University of California (UC) or California State University (CSU). The UC/CSU eligibility requirements are presented below.¹

Why is this indicator important?

The UC/CSU minimum course requirements are centered on a well-rounded curriculum that fosters content mastery and ensures that students are ready to take college courses without remediation. Courses include an applied learning component to help students improve comprehension and practice critical thinking skills. The more students master the content in conjunction with these skills, the more likely they are to pursue and succeed in college, as well as in the workforce.²

Findings

- In 2018/19 (2019), Orange County had 36,700 high school graduates, of which 55.3% were UC/CSU eligible, higher than California's eligibility rate of 50.5%.

- At 79.3%, Asian students had the greatest proportion of graduates who were UC/CSU eligible, followed by Filipino (68.0%), White (61.7%), Multiracial (60.7%), Pacific Islander (47.2%), Black or African American (41.7%), Hispanic or Latino (41.3%) and American Indian or Alaska Native (40.4%) graduates.
- Hispanic or Latino graduates comprise the largest group of total graduates (45.1%), while only 41.3% of those were UC/CSU eligible. This percentage is lower than Asian (17.9% of total graduates, of which 79.3% were UC/CSU eligible) and White (29.4% of graduates, of which 61.7% were UC/CSU eligible) graduates.
- By program, the UC/CSU eligibility rates were highest among students in the Socioeconomically Disadvantaged program (43.8%), followed by students in the Migrant Education program (34.2%) and English Learner program (23.7%).³

UC/CSU Requirements

- 4 years of English
- 3 years of Math, including Algebra, Geometry and Intermediate Algebra
- 2 years of History/Social Studies, including one year of U.S. History or one-half year of U.S. History and one-half year of Civics or American Government; and one year of World History, Cultures and Geography
- 2 years of Science with lab required chosen from Biology, Chemistry and Physics
- 2 years of Foreign Language and must be the same language for those two years
- 1 year of Visual and Performing Arts chosen from Dance, Drama/Theater, Music or Visual Art
- 1 year of Electives

¹ California Department of Education, DataQuest, 2018/19 [2019] data. A cohort is a defined group of students that could potentially graduate during a 4-year time period [grade 9 through grade 12]. Due to the changes in the methodology for calculating the 2016–17 Adjusted Cohort Graduation Rate (ACGR) and subsequent years, the 2016–17 ACGR data is not comparable with the cohort outcome data from prior years. ² University of California, Office of the President. ³ See footnotes on page 56 for program descriptions.

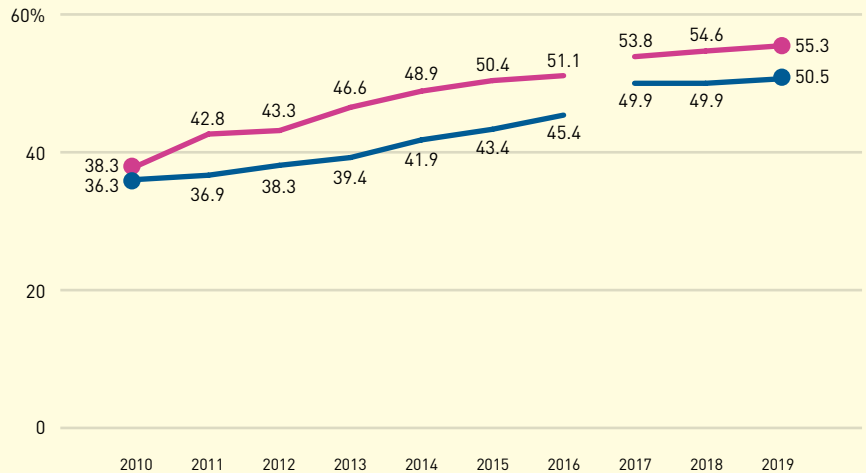
EDUCATION

Percent of Graduates in Orange County and California Meeting UC/CSU Entrance Requirements, 2010 to 2019

- Orange County
- California

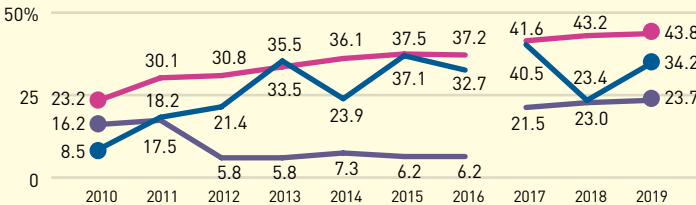
Note: A cohort is a defined group of students that could potentially graduate during a 4-year time period (grade 9 through grade 12). Due to the changes in the methodology for calculating the 2016–17 Adjusted Cohort Graduation Rate (ACGR) and subsequent years, the 2016–17 ACGR data is not comparable with the cohort outcome data from prior years.

Source: California Department of Education, DataQuest, 2018/19 (2019)



Percent of Graduates, by Program Meeting UC/CSU Entrance Requirements, 2010 to 2019

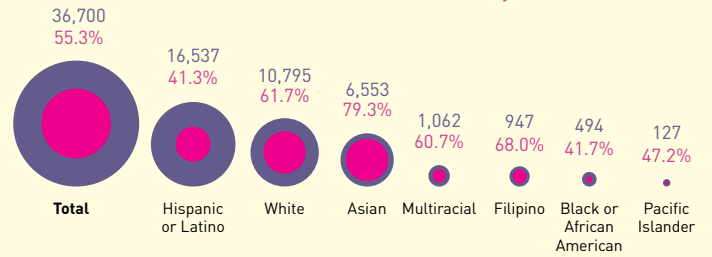
- Socioeconomically Disadvantaged
- English Learners
- Migrant Education



Source: California Department of Education, DataQuest, 2018/19 (2019)

Number of Graduates and Percent of Graduates Meeting UC/CSU Entrance Requirements, 2019

- Total Graduates
- Percent of UC/CSU Eligible Graduates within each Race/Ethnicity

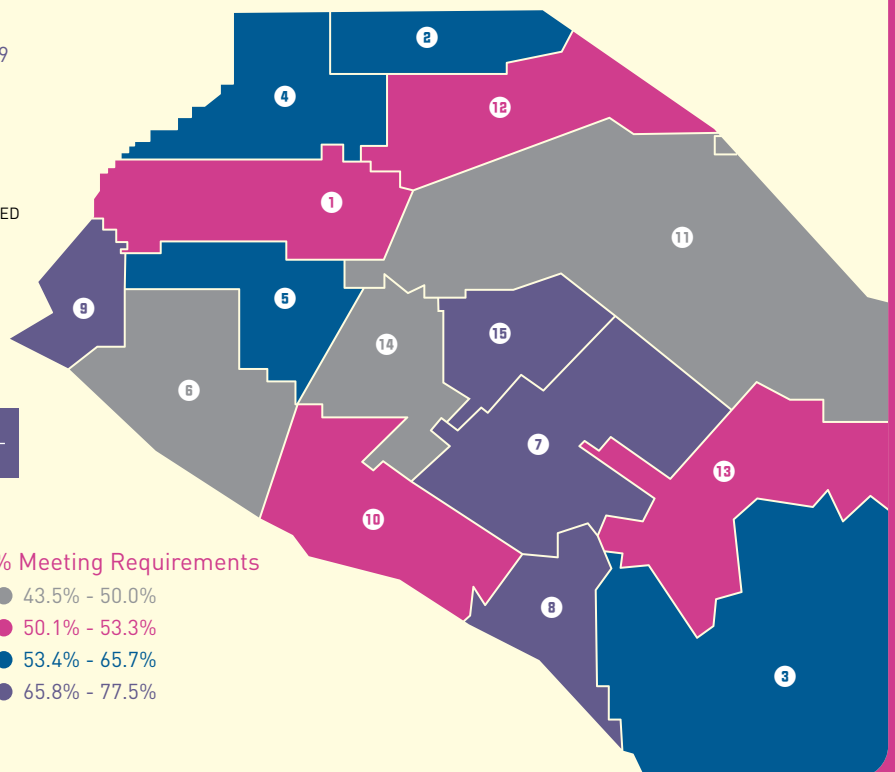


Note: American Indian or Alaska Native total graduates [57], percent of UC/CSU eligible graduates (40.4%).
Source: California Department of Education, DataQuest, 2018/19 (2019)

Percent of Graduates Meeting UC/CSU Entrance Requirements, by School District, 2019

- | | |
|--|---|
| 1 ANAHEIM UNION HIGH
50.2% | 10 NEWPORT-MESA UNIFIED
50.2% |
| 2 BREA-OLINDA UNIFIED
65.7% | 11 ORANGE UNIFIED
49.9% |
| 3 CAPISTRANO UNIFIED
62.7% | 12 PLACENTIA-YORBA LINDA UNIFIED
52.4% |
| 4 FULLERTON JOINT UNION HIGH
56.4% | 13 SADDLEBACK VALLEY UNIFIED
53.3% |
| 5 GARDEN GROVE UNIFIED
60.4% | 14 SANTA ANA UNIFIED
43.5% |
| 6 HUNTINGTON BEACH UNION HIGH
50.0% | 15 TUSTIN UNIFIED
67.1% |
| 7 IRVINE UNIFIED
69.8% | |
| 8 LAGUNA BEACH UNIFIED
77.5% | |
| 9 LOS ALAMITOS UNIFIED
74.0% | |

ORANGE COUNTY: 55.3%
CALIFORNIA: 50.5%



- % Meeting Requirements**
- 43.5% - 50.0%
 - 50.1% - 53.3%
 - 53.4% - 65.7%
 - 65.8% - 77.5%

Source: California Department of Education, DataQuest, 2018/19 (2019)

CHRONIC ABSENTEEISM

CHRONIC ABSENTEEISM IS HIGHEST AMONG FOSTER YOUTH.

DESCRIPTION OF INDICATOR

This indicator tracks the number and percent of students who were absent for 10% or more of the enrolled instructional days, regardless of the reason (excused and unexcused absences). Chronic absenteeism is based on each school districts' days of enrollment, the expected days of attendance and the actual days attended. For most districts, this threshold is around 18 days in a school year, or two days a month. Chronic absenteeism is associated with a number of negative consequences for students, including lower test scores, increased risk of dropping out and less access to health screenings and other support services. This indicator has been tracked by the California Department of Education since 2016 - 2017.

Why is this indicator important?

School attendance is an influential factor in academic achievement. Chronic absenteeism is associated with a number of negative consequences for students, including lower academic achievement and increased risk of dropping out due to the number of days missed.¹ Achievement gaps in elementary, middle and high school levels are increased by chronic absenteeism. In particular, research has shown that chronic absenteeism in kindergarten is associated with lower achievement in reading and math in later grades, even when controlling for a child's socioeconomic status, kindergarten readiness and age entering kindergarten.²

Findings

- In 2018/19 (2019), Orange County students including kindergarten through high school had a chronic absenteeism rate of 8.8%. While this rate is an increase from 2017 (7.7%), it remains lower than California at 12.1%.
- In 2019, Pacific Islander students had the highest chronic absenteeism rate (15.9%), followed by American Indian or Alaska Native (15.3%), Black

or African American (15.1%) and Hispanic or Latino (10.7%) students. Asian students reported the lowest rate of chronic absenteeism (3.2%).

- By program, chronic absenteeism rates were highest among students enrolled as Foster Youth (27.6%), followed by Homeless Youth (18.2%), Students with Disabilities (15.7%), Socioeconomically Disadvantaged (11.6%), Migrant Education (11.6%) and English Learners (9.8%) programs.³
- Foster youth students consistently have among the highest chronic absenteeism rates from kindergarten (24.9%) to high school (48.1%). However, all student groups are seeing increasing rates of chronic absenteeism throughout their school experience.
- High school students have the highest rates of chronic absenteeism (13.1%), followed by kindergarten (11.7%), middle school (7.1%) and elementary school (6.4%) students. This trend is similar to California.

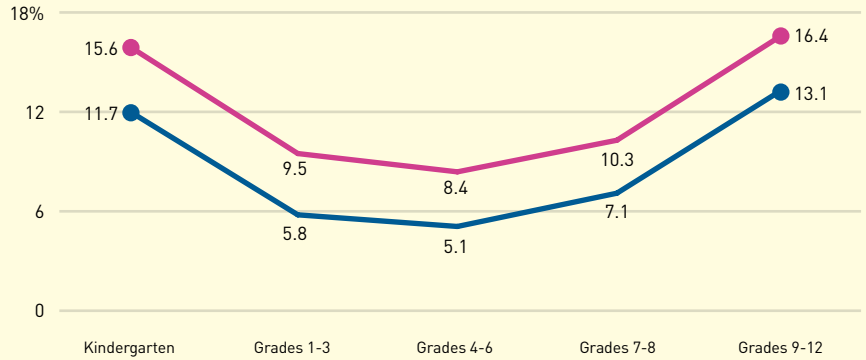
¹ Robert Balfanz and Vaughan Byrnes, "The Importance of Being in School: A Report on Absenteeism in the Nation's Public Schools," [Baltimore: Johns Hopkins University Center for Social Organization of Schools, May 2012]. ² Romero, M. & Lee, Y. 2007. A National Portrait of Chronic Absenteeism in the Early Grades. New York, NY: National Center for Children in Poverty: The Mailman School of Public Health at Columbia. ³ See footnotes on page 56 for program descriptions.

EDUCATION

Chronic Absenteeism, by Grade, 2019

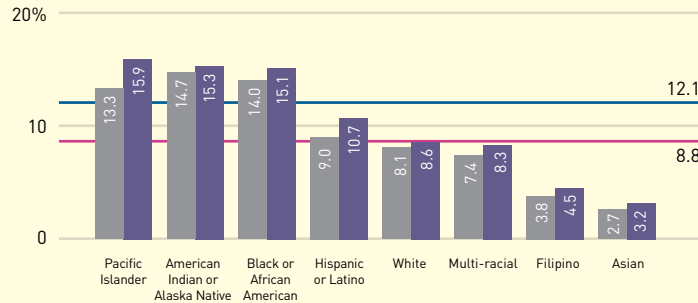
● California
● Orange County

Source: California Department of Education, DataQuest, 2018/19 (2019)



Chronic Absenteeism Among All Students, by Race and Ethnicity, 2017 and 2019

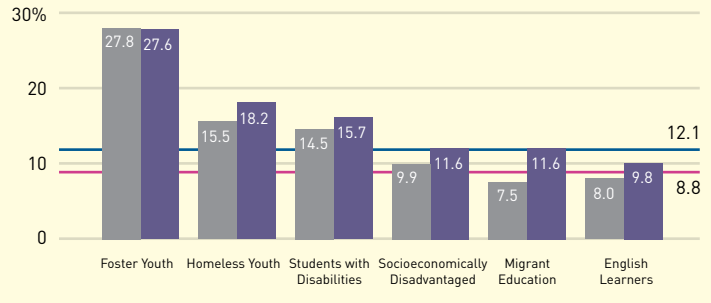
● 2017 ● 2019 ● California 2019 ● Orange County 2019



Source: California Department of Education, DataQuest, 2018/19 (2019)

Chronic Absenteeism Among All Students, by Program, 2017 and 2019

● 2017 ● 2019 ● California 2019 ● Orange County 2019

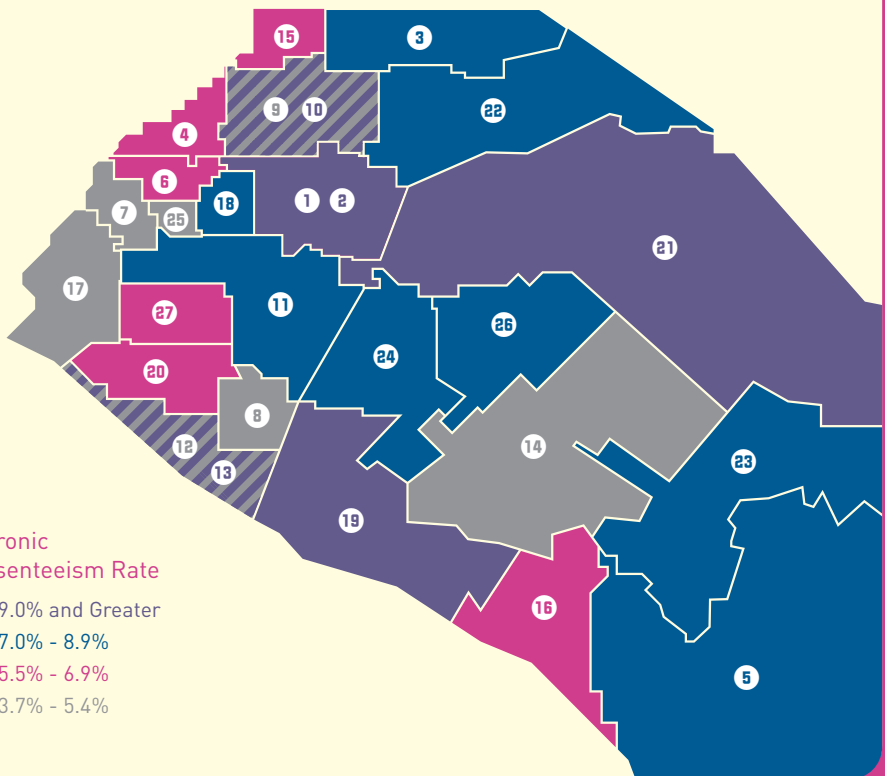


Source: California Department of Education, DataQuest, 2018/19 (2019)

Chronic Absenteeism, by School District, 2019

- 1 ANAHEIM 9.4%
- 2 ANAHEIM UNION HIGH 13.0%
- 3 BREA-OLINDA UNIFIED 7.1%
- 4 BUENA PARK 6.9%
- 5 CAPISTRANO UNIFIED 8.9%
- 6 CENTRALIA 5.5%
- 7 CYPRESS 4.2%
- 8 FOUNTAIN VALLEY 3.8%
- 9 FULLERTON 4.8%
- 10 FULLERTON JOINT UNION HIGH 12.0%
- 11 GARDEN GROVE UNIFIED 8.1%
- 12 HUNTINGTON BEACH CITY 5.1%
- 13 HUNTINGTON BEACH UNION HIGH 10.7%
- 14 IRVINE UNIFIED 5.4%
- 15 LA HABRA CITY 6.7%
- 16 LAGUNA BEACH UNIFIED 6.4%
- 17 LOS ALAMITOS UNIFIED 3.7%
- 18 MAGNOLIA 8.9%
- 19 NEWPORT-MESA UNIFIED 10.0%
- 20 OCEAN VIEW 6.5%
- 21 ORANGE UNIFIED 11.2%
- 22 PLACENTIA-YORBA LINDA UNIFIED 8.9%
- 23 SADDLEBACK VALLEY UNIFIED 8.4%
- 24 SANTA ANA UNIFIED 7.9%
- 25 SAVANNA 5.4%
- 26 TUSTIN UNIFIED 7.5%
- 27 WESTMINSTER 5.6%

ORANGE COUNTY: 8.8%
CALIFORNIA: 12.1%



Source: California Department of Education, DataQuest, 2018/19 (2019)

SAFE HOMES AND COMMUNITIES INDICATORS

PREVENTABLE CHILD AND YOUTH DEATHS

UNINTENTIONAL INJURY DEATH RATE PER 100,000 YOUTH ONE TO 19 YEARS OLD



5.1
2009 **5.0**
2018

JUVENILE ARRESTS

JUVENILE ARREST RATE PER 100,000 YOUTH 10 TO 17 YEARS OLD



4,010
2009 **823**
2018

SUBSTANTIATED CHILD ABUSE

SUBSTANTIATED CHILD ABUSE ALLEGATIONS RATE PER 1,000 CHILDREN 0 TO 17 YEARS OLD



10.0
2010 **6.7**
2019

JUVENILE SUSTAINED PETITIONS

SUSTAINED PETITIONS PER 100,000 YOUTH 10 TO 17 YEARS OLD



800
2013 **393**
2018

CHILD WELFARE

PERCENT OF CHILDREN ENTERING FOSTER CARE PLACED IN PERMANENT HOMES WITHIN 12 MONTHS



42.4%
2008/09 **33.0%**
2017/18

GANG ACTIVITY AMONG YOUTH

PERCENT OF GANG-RELATED JUVENILE PROSECUTIONS



13.6%
2010 **4.7%**
2019



UPWARD TREND IMPROVEMENT



UPWARD TREND NEEDS IMPROVEMENT



DOWNWARD TREND IMPROVEMENT



DOWNWARD TREND NEEDS IMPROVEMENT

NOTE: Variation in data ranges are due to availability of data and frequency of data collection.



PREVENTABLE CHILD AND YOUTH DEATHS

UNINTENTIONAL INJURIES CONTINUE TO REPRESENT THE LEADING CAUSE OF PREVENTABLE DEATH IN CHILDREN AND YOUTH.

DESCRIPTION OF INDICATOR

This indicator reports the number of deaths from unintentional and intentional injuries, including suicide and homicide. Leading causes of death by age group are also identified.

Why is this indicator important?

The death of every child is a tragedy for family and friends and a loss to the community. Along with the direct impact of a child's death, the child death rate in a community can be an important indicator for public health advocates and policymakers. A high rate can point to underlying problems such as violent neighborhoods or inadequate child supervision.¹ Unintentional childhood mortality due to injury is strongly inversely related to median income and thus, a solid indicator of poverty. It can also point to health and social inequalities such as access to health care or safe places to play.² Since children are much more likely to die during the first year of life (infancy) than they are at older ages, trends in infant mortality are discussed separately (page 18).

Findings

- There were 127 deaths for children ages 1 to 19 years in Orange County in 2018.
- Orange County's overall injury death rate for children decreased 7.3% from a rate of 9.6 per 100,000 children ages one to 19 years in 2009 to 8.9 per 100,000 children in 2018, which is lower than California's rate of 10.4 in 2018.
- The unintentional injury death rate (e.g., accidental poisoning, motor vehicle accident, or drowning) decreased 2.0% from a rate of 5.1 per 100,000 children in 2009 to 5.0 per 100,000 children in 2018.
- Despite this decrease, unintentional injuries accounted for the highest average number (38 per year) and rate (5.0 per 100,000) of all injury deaths to children between 2016 and 2018, followed by cancer (23 per year) and suicide (16 per year).
- Over half, or 58.3%, of all child and youth deaths were among the older teen age group (ages 15 to 19).
- Male mortality rate increased 9.3% from 21.4 per 100,000 in 2017 to 23.4 per 100,000 in 2018. A decreasing trend was seen among the female mortality rate declining 4.6% between 2017 and 2018 (10.9 vs 10.4 per 100,000).
- Non-Hispanic White and Hispanic youth had lower mortality rates in 2018 when compared to 2017 (19.6 vs 20.2 and 15.0 vs 15.8, respectively).
- Asian/Pacific Islander youth had a higher mortality rate in 2018 when compared to 2017 (17.3 vs 12.6).
- The percent of overall youth deaths related to injury by race/ethnicity in 2018 was Non-Hispanic White (58.1%), Asian/Pacific Islander (54.5%) and Hispanic (43.4%). The rate for Black youth is unstable due to the small number of deaths.
- The cities with the highest rate of mortality due to unintentional injury were Laguna Beach (16.5 per 100,000), Dana Point (11.0 per 100,000) and Seal Beach (10.5 per 100,000).

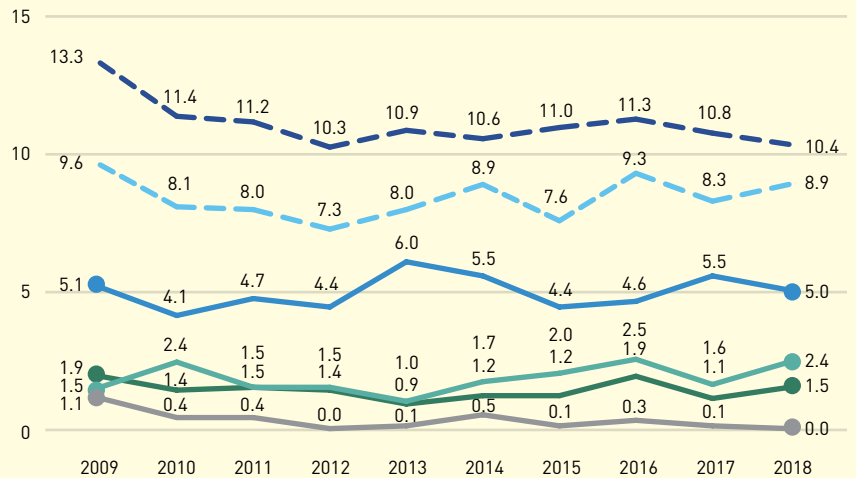
¹ Infant, Child and Teen Mortality, Indicators on Children and Youth, Child Trends Data Bank, updated June 2013 (www.childtrendsdatbank.org).
² Consumer Federation of America. 2013. Child Poverty, Unintentional Injuries and Foodborne Illness: Are Low-Income Children at Greater Risk?

SAFE HOMES & COMMUNITIES

Injury, Unintentional Injury, Suicide and Homicide, Rate Per 100,000 Children, One to 19 Years Old, 2009 to 2018

- Unintentional Injury
 - Homicide
 - Suicide
 - Other
- All Injury Deaths California
 - All Injury Deaths Orange County

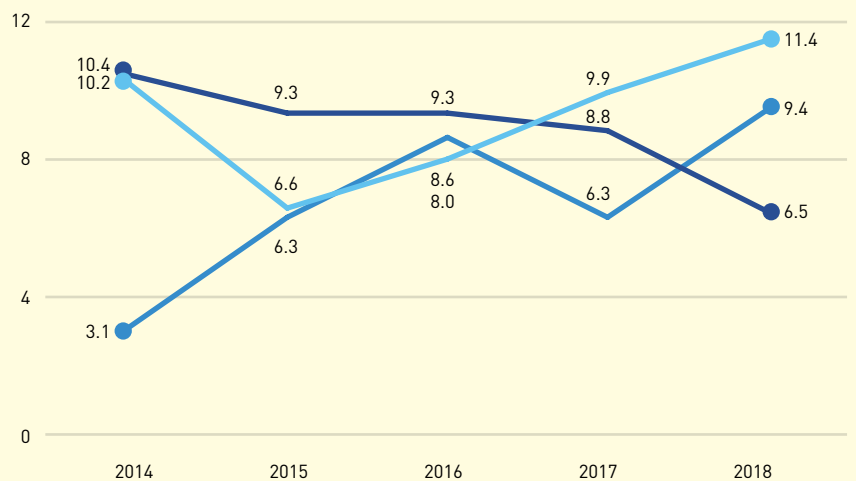
Source: Orange County Health Care Agency



Death Due to Injury, Rate per 100,000 Children, One to 19 Years Old, by Race/Ethnicity, 2014 to 2018

- Hispanic
- White
- Asian/Pacific Islander

Source: Orange County Health Care Agency



Leading Causes of Death for Children One to 19 Years Old, by Age Group and Number of Deaths, 2016-2018

	1-4 Years	5-9 Years	10-14 Years	15-19 Years	1-19 Years
FIRST LEADING CAUSE	Unintentional Injuries (22)	Cancer (20)	Cancer (15)	Unintentional Injuries (72)	Unintentional Injuries (113)
SECOND LEADING CAUSE	Cancer (11)	Unintentional Injuries (11)	Unintentional Injuries (8)	Suicide (42)	Cancer (69)
THIRD LEADING CAUSE	Congenital Anomalies (7)	Congenital Anomalies (5)	Suicide (7)	Homicide (30)	Suicide (49)

Notes: Three-year total number of deaths.
Source: Orange County Health Care Agency

SUBSTANTIATED CHILD ABUSE

SUBSTANTIATED CHILD ABUSE RATES LOWER THAN 10 YEARS AGO.

DESCRIPTION OF INDICATOR

This indicator reports the unduplicated count of children with substantiated child abuse allegations. Allegations refer to the nature of abuse or neglect that a child is experiencing (e.g., sexual or physical). A substantiated child abuse allegation is determined by the investigator based upon evidence that makes it more likely than not that child abuse or neglect occurred as defined in California Penal Code (PC) 1165.6. A substantiated allegation does not include a report where the investigator later found the report to be false, inherently improbable, to involve accidental injury or to not constitute child abuse or neglect as defined in PC 1165.6.

Why is this indicator important?

Studies indicate that victims of child abuse are more likely to use drugs and alcohol, become homeless as adults, engage in violence against others and be incarcerated. The identification of a family in which a substantiated incident of abuse or neglect has occurred is important because it provides an opportunity for intervention to assure child safety. Once a child abuse referral is substantiated by the investigating social worker, safety threats for the child(ren) are identified and a social worker works with the family to develop a safety plan.

Findings

- In 2019, 30,676 children were the subject of one or more child abuse allegations in Orange County. Of these, 15.7% (4,823) of children had substantiated allegations of child abuse, higher than California in 2019, at 14.2%.¹ Since 2015, the proportion of child abuse petitions among substantiated allegations filed in court has increased, from 21% (1,204) to 35% (1,707).
- In 2019, substantiated allegations occurred at a rate of 6.7 per 1,000 children, a 33.0% decrease from 10.0 in 2010 and lower than California (7.4), with a 22.9% decrease from 9.6 in 2010. In 2018, there were approximately 678,000 maltreated children with substantiated allegations in the United States, a rate of 9.2 per 1,000 children, higher than Orange County and California.²
- Children under six made up the greatest proportion of substantiated allegations: children less than one year of age comprised 14.0% of substantiated child abuse allegations and children one to five years old made up 29.9% of substantiated allegations, totaling 43.9%. Children six to 10 years old made up 26.5%; 11 to 15 years old, 22.8%; and 16 to 17 years old, 6.8%.³
- In 2019, most (73.6%) substantiated child abuse allegations were due to general neglect,⁴ followed by at-risk/sibling abuse (8.9%), severe neglect (6.7%) and physical abuse (3.7%). Sexual abuse (3.5%), caretaker absence (2.6%), exploitation (0.5%) and emotional abuse (0.5%) made up the remaining types.

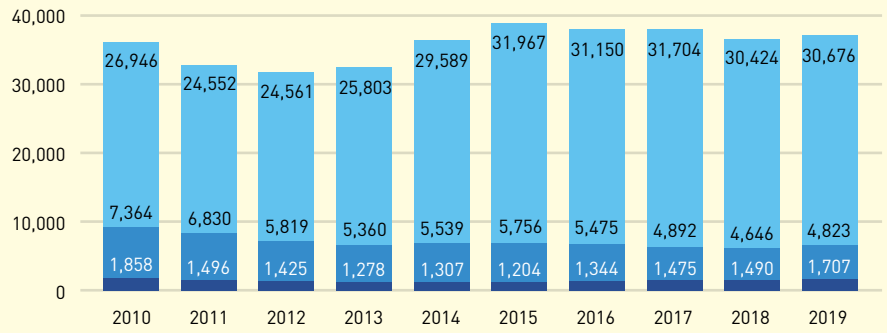
¹ University of California, Berkeley, California Child Welfare Indicators Project, CWS/CMS 2019 Quarter 4 Extract. ² U.S. Department of Health and Human Services, Children's Bureau. Child Maltreatment, 2018. ³ A child is counted only once, in the category of highest severity. ⁴ General neglect is the negligent failure of a parent/guardian or caretaker to provide adequate food, clothing, shelter, or supervision where no physical injury to the child has occurred.

SAFE HOMES & COMMUNITIES

Total Number of Children with Child Abuse Allegations and Substantiated Allegations, 2010 to 2019

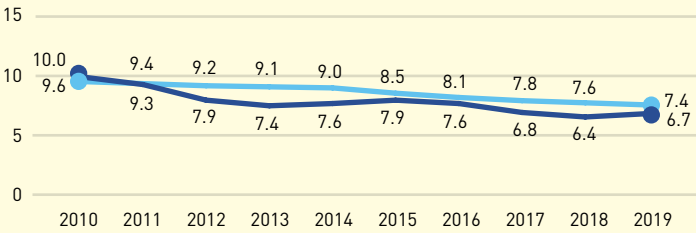
- Child Abuse Allegations
- Substantiated Allegations
- Child Abuse Petitions Filed in Court

Note: Numbers are based on an unduplicated count of children.
Source: CWS/CMS 2019 Quarter 4 Extract, Orange County Social Services Agency



Substantiated Child Abuse Allegations, Rate per 1,000 Children Under 18 Years Old, 2010 to 2019

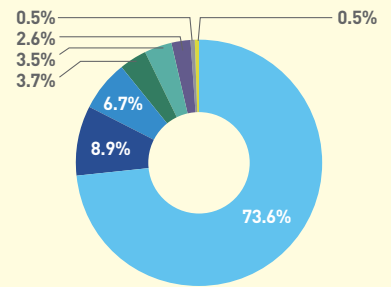
- Orange County
- California



Note: Rates are based on an unduplicated count of children.
Source: Orange County Social Services Agency, 2019

Substantiated Child Abuse Allegations, by Reason, 2019

- General Neglect
- At-Risk/Sibling Abuse
- Severe Neglect
- Physical Abuse
- Sexual Abuse
- Caretaker Absence
- Exploitation
- Emotional Abuse

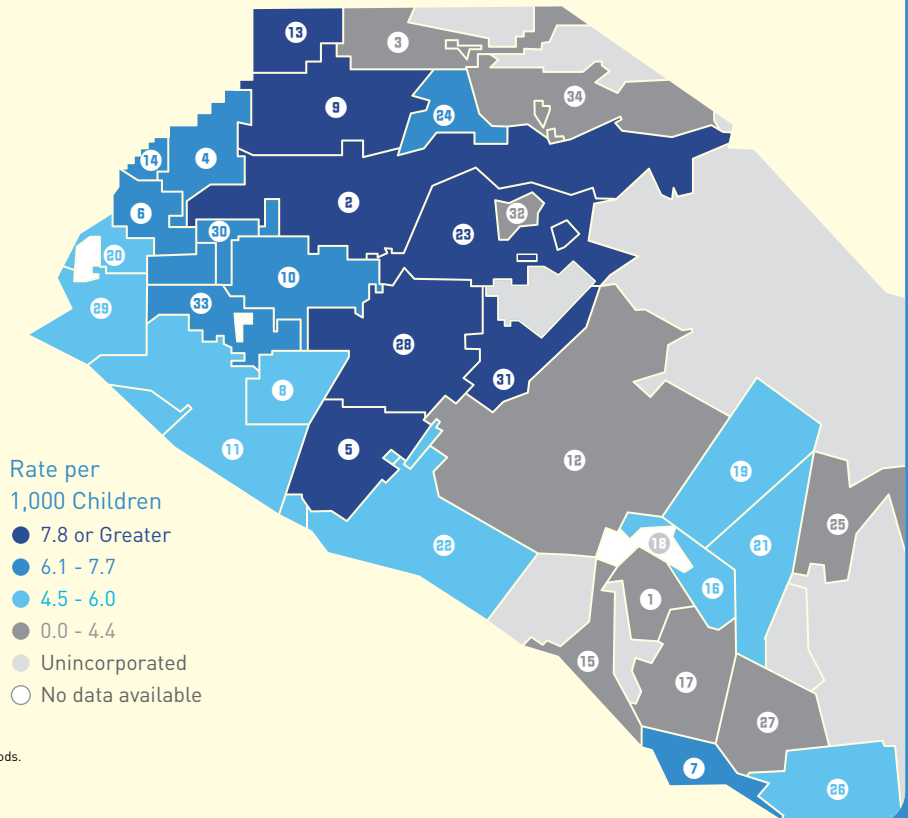


Source: Orange County Social Services Agency, 2019

Substantiated Child Abuse Allegations, Rate per 1,000 Children, by City, 2019

- | | | |
|-------------------------|-------------------------------|----------------------------|
| 1 ALISO VIEJO 2.1 | 14 LA PALMA 6.6 | 27 SAN JUAN CAPISTRANO 4.0 |
| 2 ANAHEIM 11.0 | 15 LAGUNA BEACH 4.3 | 28 SANTA ANA 10.8 |
| 3 BREA 3.6 | 16 LAGUNA HILLS 4.9 | 29 SEAL BEACH 4.9 |
| 4 BUENA PARK 7.6 | 17 LAGUNA NIGUEL 2.8 | 30 STANTON 7.7 |
| 5 COSTA MESA 8.7 | 18 LAGUNA WOODS N/A | 31 TUSTIN 9.2 |
| 6 CYPRESS 6.2 | 19 LAKE FOREST 5.1 | 32 VILLA PARK 1.8 |
| 7 DANA POINT 7.1 | 20 LOS ALAMITOS 5.8 | 33 WESTMINSTER 7.1 |
| 8 FOUNTAIN VALLEY 5.1 | 21 MISSION VIEJO 4.5 | 34 YORBA LINDA 3.3 |
| 9 FULLERTON 8.7 | 22 NEWPORT BEACH 4.9 | |
| 10 GARDEN GROVE 6.1 | 23 ORANGE 7.8 | |
| 11 HUNTINGTON BEACH 4.8 | 24 PLACENTIA 7.1 | |
| 12 IRVINE 2.9 | 25 RANCHO SANTA MARGARITA 3.2 | |
| 13 LA HABRA 8.1 | 26 SAN CLEMENTE 5.0 | |

ORANGE COUNTY: 6.7
 CALIFORNIA: 7.4



Note: N/A indicates data are not available due to the small number of children living in Laguna Woods.
Source: Orange County Social Services Agency, 2019

CHILD WELFARE

PERMANENT HOME PLACEMENT IS TAKING LONGER AMONG FOSTER YOUTH.

DESCRIPTION OF INDICATOR

This indicator reports on three measures of permanency following the placement of a child into foster care. “Permanency within 12 months” reports the percent of children placed in homes through reunification with the family, adoption or guardianship within 12 months of removal. “Reentry Following Reunification” tracks those children who reentered foster care within 12 months of reunification with the family or guardianship. “Exits to Permanency” is a measure of children who were in foster care for 24 months or longer, who were then transitioned to a permanent home, including reunified with the family, placed with a legal guardian or adopted.¹

Why is this indicator important?

The placement of children in foster care occurs when a child cannot remain safely with his or her family.² Child abuse and neglect is a problem that crosses socioeconomic and racial/ethnic boundaries with profound effect on the well-being of the children. The number of children growing to maturity in foster care has gained considerable national, state and local attention. Too often these children experience many placements, which can lead to the inability to reunify with their families or attach to a new permanent family. Permanent placement of children helps prevent placement instability, which can be related to attachment disorders, poor educational outcomes, mental health and behavioral problems and negative adult outcomes.

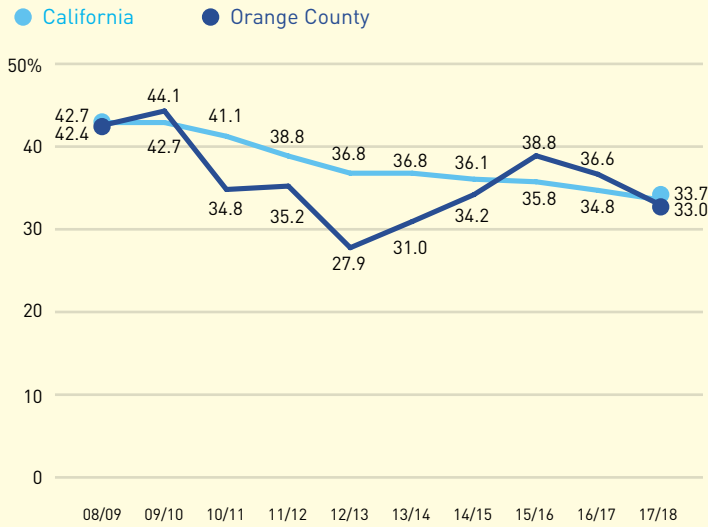
Findings

- In 2017/18, 33.0% of Orange County foster children were placed in permanent homes within 12 months of entering foster care, which is lower than California at 33.7% and a decrease of 25.2% from the high of 44.1% of children placed in 2009/10. The national goal is greater than or equal to 40.5%.
- Of the 33.0% of children who were placed in permanent homes within 12 months of entering foster care in 2017/18, reunification was the most common type of permanency (31.7%), followed by adoption (0.9%) and guardianship (0.4%).
- In 2016/17, the rate of reentry was 8.1%, an 88.4% increase since 2007/08. California was higher at 10.7%. The national goal is less than or equal to 8.3%.³
- In 2018/19, 30.1% of children who were in foster care for two years or more were placed in a permanent home, 14.9% higher than in 2009/10 (26.2%). California is higher at 32.7%. The national goal is greater than or equal to 30.3%.

¹ Exists to permanency measures children who were in foster care for 24 months or longer on the first day of the year, who were then transitioned to a permanency within 12 months. ² University of California, Berkeley, Center for Social Services Research, 2013. ³ Federal evaluation of statewide child welfare systems, Child and Family Services Review (CFSR), recently released the third round of Federal Outcomes measures (CFSR3). The new focus is on timeliness to any type of permanency achieved—a combination of reunification, adoption and guardianship. Methodology has changed from exit cohort (in which all who reunified within study period are observed), to an entry cohort (of those who were removed within the same study period and reunified within 12 months are observed).

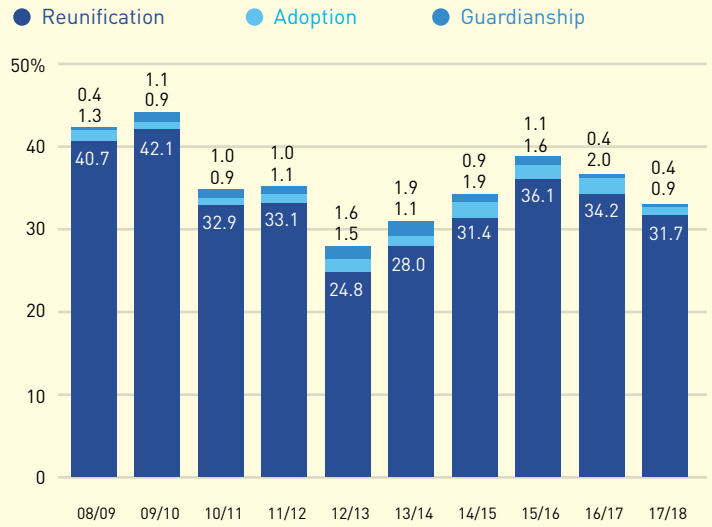
SAFE HOMES & COMMUNITIES

Percent of Children Entering Foster Care and Placed in a Permanent Home within 12 months, Orange County and California, 2008/09 to 2017/18



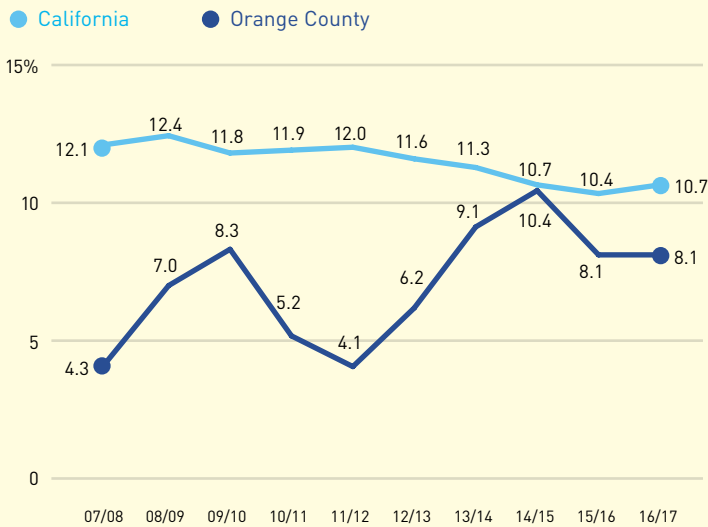
Source: CWS/CMS 2019 Quarter 4 Extract, UC Berkeley Center for Social Services Research

Percent of Children Entering Foster Care and Placed in a Permanent Home within 12 months, by Type of Permanency, 2008/09 to 2017/18



Source: CWS/CMS 2019 Quarter 4 Extract, UC Berkeley Center for Social Services Research

Percent of Children Reentering Foster Care within 12 months of Reunification or Guardianship, Orange County and California, 2007/08 to 2016/17

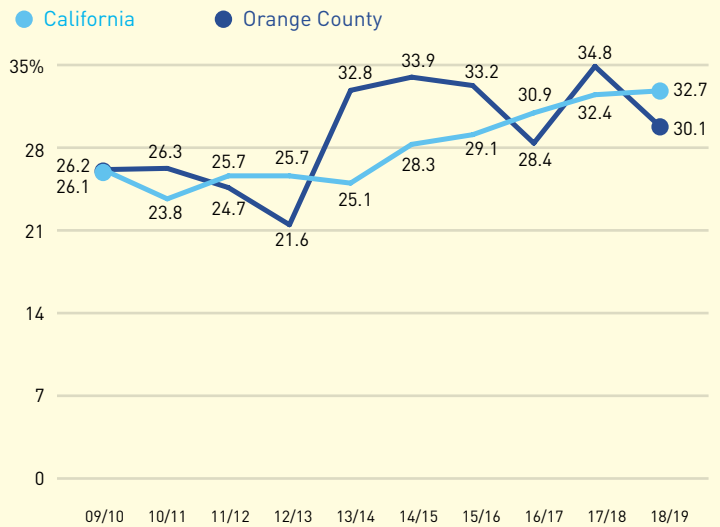


Note: Due to methodological differences, the reporting period for no reentry following reunification will always be one year behind what is reported for the other measures.

Note: Data should be interpreted with caution. Every effort is made to provide supportive services so children can remain safely at home with their parents whenever possible. For children brought into protective custody, this most commonly occurs in the context of extremely complex family issues. Additionally, given these complex issues coupled with regulated reunification timelines and possible court delays, transitioning children into permanent homes within 12 months can be a challenge in Orange County.

Source: CWS/CMS 2019 Quarter 4 Extract, UC Berkeley, Center for Social Services Research

Percent of Children in Foster Care, 24+ Months, Placed in a Permanent Home, Orange County and California, 2009/10 to 2018/19



Note: Permanency is defined as achieved when the child is reunified with the family, placed with a legal guardian, or adopted.

Source: CWS/CMS 2019 Quarter 4 Extract, UC Berkeley, Center for Social Services Research

JUVENILE ARRESTS

JUVENILE ARREST RATE IN ORANGE COUNTY IS SIGNIFICANTLY LOWER THAN CALIFORNIA.

DESCRIPTION OF INDICATOR

This indicator tracks youth 10-17 years old who have been taken into custody in a manner authorized by law. An arrest may be made by a peace officer or by a private person. It may for be a felony, misdemeanor, status or infraction. Felonies generally include violent crimes (such as murder, assault and rape), some property and drug-related offenses, plus other serious offenses. Misdemeanor offenses include crimes such as assault and battery, petty theft, other drug and alcohol-related offenses and many less serious offenses. Status offenses are acts that are considered offenses only when committed by a juvenile, such as truancy or curfew violations.¹

Why is this indicator important?

An arrest is usually the first formal encounter a youth has with the juvenile justice system. It is particularly important that at this onset of criminal activity, a pattern of juvenile delinquency does not continue into adulthood. More importantly, the flow of youthful offenders into the justice system should be prevented. Research shows that early intervention in children's lives can effectively reduce later crime.² Prevention programs positively impact the general public because they stop crime from happening in the first place.³ Various cost-benefit analyses show that early prevention programs are a worthwhile investment of government resources compared with prison and other criminal justice responses.⁴

Findings

- In 2018, there were 2,729 juvenile arrests in Orange County.
- Between 2009 and 2018, there was an 81.0% decrease in the total number of juvenile arrests in Orange County, dropping from 14,341 arrests to 2,729 arrests.
- Orange County's juvenile arrest rate in 2018 was 823 per 100,000 youth 10 to 17 years old, a decrease of 79.5% from 2009, compared to California at 1,121 per 100,000 youth, a similar decrease of 75.1% from 2009.
- In Orange County, misdemeanors accounted for 50.1% (1,367) of juvenile arrests in 2018, which is down 16.3% from 2009 when misdemeanors accounted for 59.9% of juvenile arrests.
- In contrast, felonies among youth accounted for 30.2% (825) of arrests in 2018, up 4.9% since 2009 when felonies accounted for 28.8% of juvenile arrests.
- Status offenses accounted for 19.7% (537) of arrests among youth ages 17 years and under in 2018, an increase of 74.5% in 10 years when status offenses accounted for 11.3% of juvenile arrests.
- Among 18 to 20 year olds, DUI Convictions have decreased 59.3% since 2019 from a high of 1,226 convictions in 2010. Among youth under 18 years, there was a 67.1% decrease since 2010, from a high of 73 convictions in 2010 to 24 convictions in 2019.

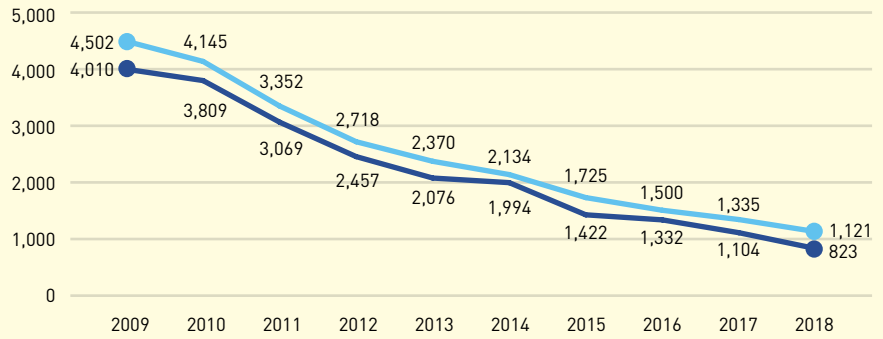
¹ This indicator does not include statistics for youths contacted, but not arrested, by law enforcement for new law violations. As a result of reductions of penalties pursuant to Prop. 47, these youths may be processed through rehabilitative endeavors such as community programming, law enforcement diversion programs, and efforts by the District Attorney's Office utilizing collaborative programming including STAT "School Threat Assessment Team" and GRIP "Gang Reduction and Intervention Partnership" in lieu of formal handling. ² Zagar, R.J., Busch, K.G., and Hughes, J.R., 2009. ³ Saminsky, A., 2010. ⁴ Welsh, B.C. and Farrington, D.P., 2009.

SAFE HOMES & COMMUNITIES

Juvenile Arrest Rate per 100,000 Youth 10 to 17 Years Old, Orange County and California, 2009 to 2018

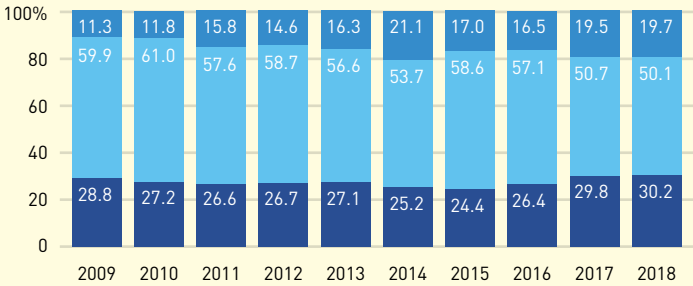
- California
- Orange County

Note: 2009 to 2012 figures are based on population projections as of 2007 while 2013 and 2014 figures are based on revised projections as of December 2014. 2015 figures are based on revised projections as of February 2017.
Sources: Criminal Justice Statistics Center, California Department of Justice Demographic Research Unit, California State Department of Finance



Percent of Juvenile Arrests, by Crime Type, 2009 to 2018

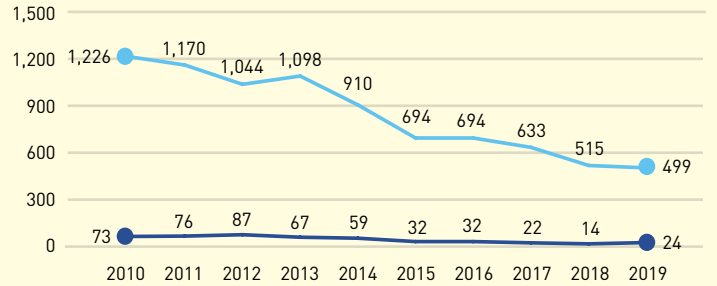
- Felony Arrests
- Misdemeanor Arrests
- Status Offense Arrests



Source: Criminal Justice Statistics Center, California Department of Justice Demographic Research Unit, California State Department of Finance

DUI Convictions in Orange County, by Age 2010 to 2019

- 18-20
- Under 18

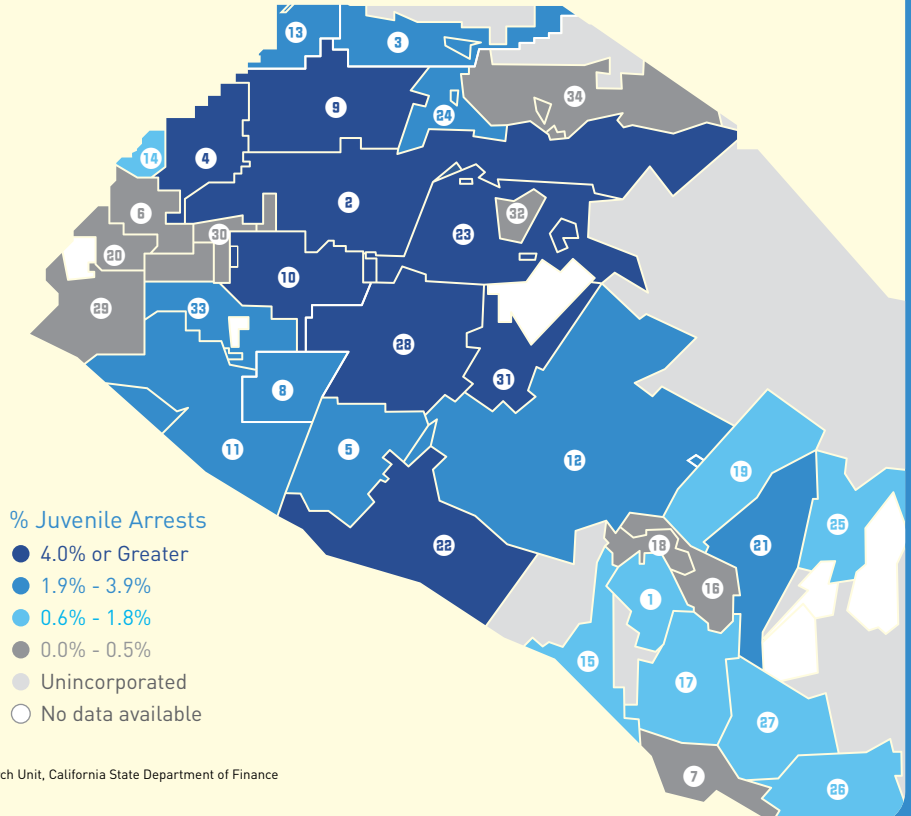


Note: The number of DUI convictions per year are based on data from two years prior.
Source: Annual Reports of the California DUI Management Information System 2019

Percent of Juvenile Arrests, by City, Youth 10 to 17 Years Old, 2018

- | | | |
|----------------------------|----------------------------------|-------------------------------|
| 1 ALISO VIEJO
0.8 | 14 LA PALMA
0.6 | 27 SAN JUAN CAPISTRANO
1.1 |
| 2 ANAHEIM
13.7 | 15 LAGUNA BEACH
0.9 | 28 SANTA ANA
18.3 |
| 3 BREA
2.3 | 16 LAGUNA HILLS
0.5 | 29 SEAL BEACH
0.1 |
| 4 BUENA PARK
4.3 | 17 LAGUNA NIGUEL
0.8 | 30 STANTON
0.4 |
| 5 COSTA MESA
2.3 | 18 LAGUNA WOODS
0.0 | 31 TUSTIN
5.0 |
| 6 CYPRESS
0.5 | 19 LAKE FOREST
1.5 | 32 VILLA PARK
0.1 |
| 7 DANA POINT
0.5 | 20 LOS ALAMITOS
0.1 | 33 WESTMINSTER
3.4 |
| 8 FOUNTAIN VALLEY
2.7 | 21 MISSION VIEJO
2.4 | 34 YORBA LINDA
0.0 |
| 9 FULLERTON
5.1 | 22 NEWPORT BEACH
4.0 | |
| 10 GARDEN GROVE
9.1 | 23 ORANGE
6.6 | |
| 11 HUNTINGTON BEACH
3.6 | 24 PLACENTIA
1.9 | |
| 12 IRVINE
1.9 | 25 RANCHO SANTA MARGARITA
1.0 | |
| 13 LA HABRA
2.9 | 26 SAN CLEMENTE
1.6 | |

ORANGE COUNTY:
0.8%*
CALIFORNIA:
N/A



Note: *0.8% represents the percentage of 10 - 17 year olds arrested in Orange County.
Sources: Criminal Justice Statistics Center, California Department of Justice Demographic Research Unit, California State Department of Finance

JUVENILE SUSTAINED PETITIONS

YOUTH AGES 15-17 MAKE UP THE MAJORITY OF SUSTAINED PETITIONS.

DESCRIPTION OF INDICATOR

This indicator reports the number and percent of juvenile petitions that are sustained. After a juvenile arrest, a referral is typically made by the arresting officer to the Probation Department for further processing. The probation officer decides whether a referral is dismissed, the juvenile is placed on informal probation or a petition will be sought for a formal court hearing. When a petition is sustained by the court, the juvenile becomes a ward of the court. A ward is either allowed to go home under the supervision of a probation officer or ordered for detention in a juvenile institution.

Why is this indicator important?

Sustained juvenile petitions are similar to an adult criminal conviction. They indicate where and what types of crimes are occurring among youth. Many agencies have a role to play in helping to meet California's goal of rehabilitation for youth who have a sustained petition, including schools, social services agencies and community-based organizations. Knowledge about sustained juvenile petitions can help provide strategic direction to prevention, early intervention and rehabilitation efforts in Orange County.

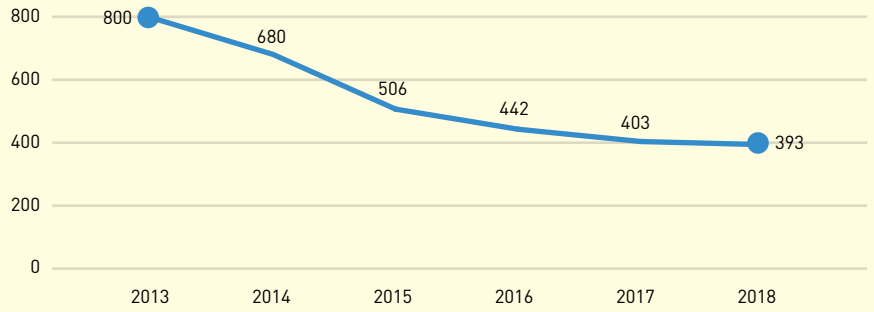
Findings

- In 2018, there were 3,324 total juvenile petitions.¹ Of these, 1,302 were sustained petitions (39.2%), a 51.0% decrease from 2013 (2,657).
- The rate of sustained petitions was 393 per 100,000 youth ages 10 to 17 years old in 2018, a 50.9% decrease from 2013 (800 per 100,000 youth).
- Sustained petitions were highest among youth 15 to 17 years old who received 84.9% of sustained petition decisions, followed by youth 12 to 14 years old (15.1%). There were no sustained petitions for youth 10 to 11 years old in 2018.
- When assessed by race/ethnicity, Hispanic youth (78.9%) had the most sustained petitions, followed by White (12.2%), Other/Unknown (3.7%), Black (3.4%) and Asian/Pacific Islander (1.8%) youth in 2018.
- Across genders, the vast majority of sustained petitions were for juvenile males (82.4%), with juvenile females accounting for 17.6% of sustained petitions in 2018.

SAFE HOMES & COMMUNITIES

Juvenile Sustained Petitions, Rate per 100,000 Youth 10 to 17 Years Old, Orange County, 2013 to 2018

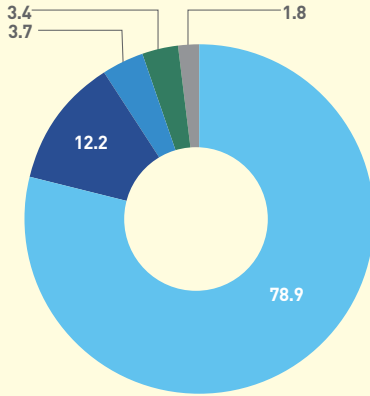
Source: Orange County Probation, Research Division



Percent of Total Juvenile Sustained Petitions, Youth 10 to 17 Years Old, 2018

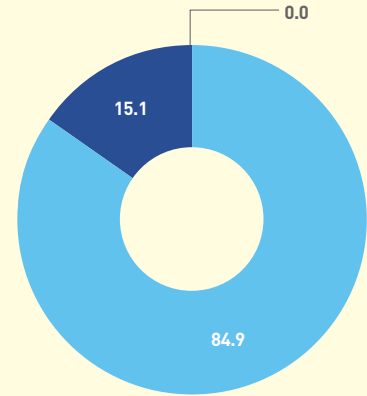
By Race/Ethnicity

- Hispanic
- White
- Other/Unknown
- Black
- Asian/Pacific Islander



By Years of Age

- 15 to 17
- 12 to 14
- 10 to 11

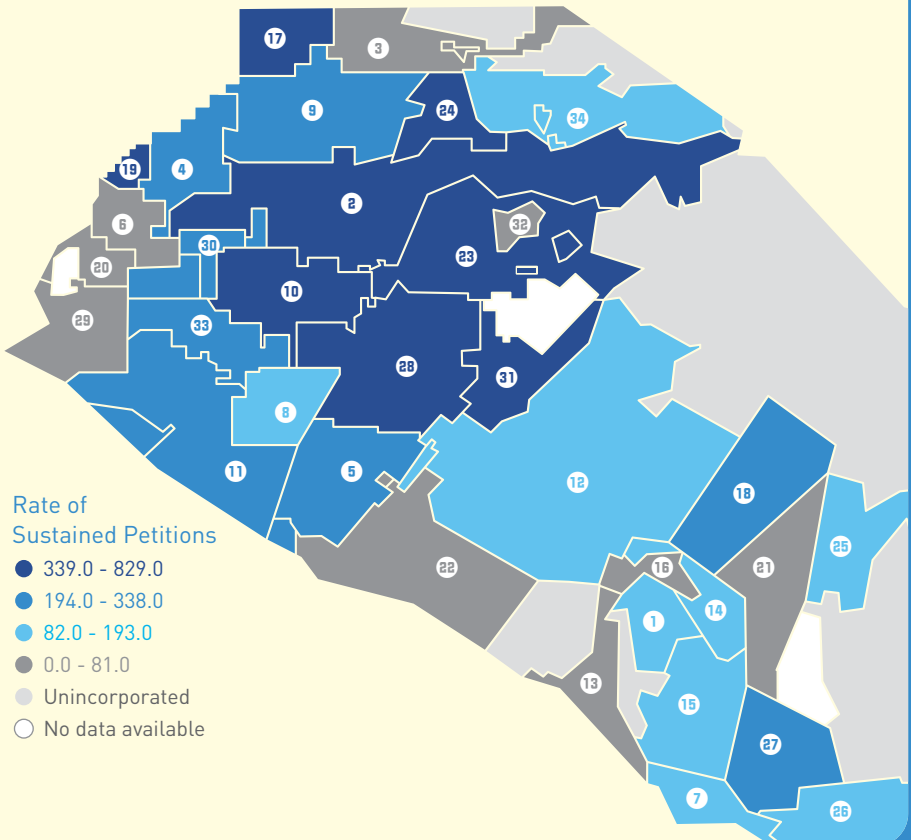


Source: Orange County Probation, Research Division

Juvenile Sustained Petitions, Rate per 100,000 Youth, 10 to 17 years old, by City, 2018

1 ALISO VIEJO 91.0	14 LAGUNA HILLS 129.0	27 SAN JUAN CAPISTRANO 286.0
2 ANAHEIM 740.0	15 LAGUNA NIGUEL 159.0	28 SANTA ANA 829.0
3 BREA 48.0	16 LAGUNA WOODS 0.0	29 SEAL BEACH 0.0
4 BUENA PARK 338.0	17 LA HABRA 431.0	30 STANTON 222.0
5 COSTA MESA 266.0	18 LAKE FOREST 225.0	31 TUSTIN 579.0
6 CYPRESS 50.0	19 LA PALMA 432.0	32 VILLA PARK 0.0
7 DANA POINT 145.0	20 LOS ALAMITOS 81.0	33 WESTMINSTER 214.0
8 FOUNTAIN VALLEY 108.0	21 MISSION VIEJO 54.0	34 YORBA LINDA 112
9 FULLERTON 329.0	22 NEWPORT BEACH 63.0	
10 GARDEN GROVE 462.0	23 ORANGE 455.0	
11 HUNTINGTON BEACH 217.0	24 PLACENTIA 530.0	
12 IRVINE 133.0	25 RANCHO SANTA MARGARITA 193.0	
13 LAGUNA BEACH 47.0	26 SAN CLEMENTE 93.0	

ORANGE COUNTY:
393.0
CALIFORNIA:
N/A



Source: U.S. Census Bureau, American Community Survey, 5-Year Population Estimates

GANG ACTIVITY AMONG YOUTH

NUMBER OF GANG-RELATED PROSECUTIONS SIGNIFICANTLY LOWER THAN 10 YEARS AGO.

DESCRIPTION OF INDICATOR

This indicator reports the number and rate of gang-related prosecutions of juveniles under the age of 18.¹ Gang-related prosecutions involve charges related to active gang membership or committing a crime at the direction of a criminal street gang, with other gang members and/or for the benefit of a gang.²

Why is this indicator important?

Data consistently shows that gang members are responsible for a disproportionately high number of crimes committed by youthful offenders. Compared to other delinquent youth, gang members are more extensively involved in serious and violent criminal behavior. Juvenile gang members commit serious and violent offenses at a rate several times higher than non-gang adolescents. Gang crime often involves offenses such as weapons possession, drug trafficking, carjacking, assault and murder.³ According to the 2015 National Gang Report, neighborhood street gangs continue to be a significant threat to local jurisdictions across the country.⁴ From a societal standpoint, the issue of juvenile gangs is one that requires swift action for both the well-being and safety of communities and the youth who get caught up in gang life. The Orange County District Attorney's Office seeks to reduce juvenile gang crime both by prosecuting those crimes and collaborating with other agencies to prevent juveniles from joining gangs via the Orange County Gang Reduction and Intervention Partnership (OC GRIP). OC GRIP focuses its work on reducing truancy and providing gang prevention and resiliency building curricula. As a result of OC GRIP, 81% of students receiving its curricula decreased truancy and about 60% of students reported increased well-being and resiliency in 2018-19. 62% of parents who had children receiving services reported an increase in family functioning.

Findings⁵

- In 2019, 4.7% of juvenile prosecutions were gang-related, down 65.4% from 13.6% in 2010 but up from 2018 (4.1%).
- Between 2010 and 2019, the total number of juvenile gang-related prosecutions in Orange County decreased 84.5%, from 786 in 2010 to 122 in 2019.
- The rate of juvenile gang-related prosecutions declined 81% from 113.4 per 100,000 youth aged 10 to 17 in 2010 to 28.7 per 100,000 in 2019.
- Also, the number of unique juveniles prosecuted for gang-related offenses in Orange County dropped 80.4% from 491 in 2010 to 96 in 2019.
- Older teens accounted for the majority of gang-related prosecutions, with teens ages 15-17 comprising 91.7% of the total number of juveniles who were prosecuted for gang-related offenses.
- In 2019, Hispanic youth represented the highest percentage of juvenile gang-related prosecutions (93.8%), followed by Black (2.1%), Other/Unspecified (2.1%), White (1.0%) and Asian (1%).
- The communities most impacted by juvenile gang-related prosecutions in 2019 were Santa Ana (29.2%) and Anaheim (20.2%), as 50% of the juvenile gang-related filings originated in these cities.

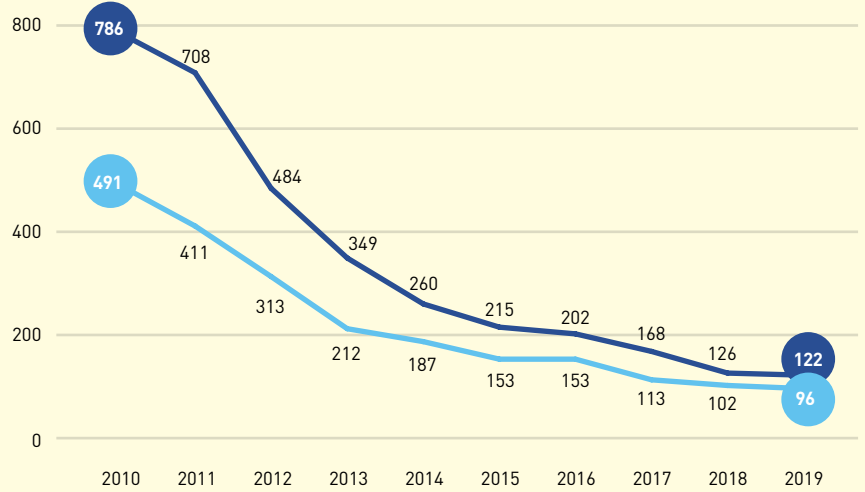
¹ Prior Conditions of Children reports tracked the number of gang members countywide, using data from local law enforcement agencies. This data became unavailable in 2017. Therefore, youth gang activity is reported using data from the Orange County District Attorney's office (OCDA). ² "Gang-related" prosecutions are defined as those prosecutions that involve charges of Penal Code § 186.22(a) which prohibits active gang membership and/or Penal Code § 186.22(b) which prohibits committing a crime at the direction of a criminal street gang. ³ National Gang Intelligence Center, "National Gang Report." 2015, page 12. ⁴ National Gang Intelligence Center, "National Gang Report." 2015, page 9. ⁵ Prosecutorial data was sourced from OCDA records.

SAFE HOMES & COMMUNITIES

Number of Juvenile Gang-Related Prosecutions and Number of Unique Juveniles Prosecuted for Gang-Related Offenses 10 to 17 Years Old, 2010 to 2019

- Number of Gang-Related Prosecutions
- Number of Unduplicated Juveniles Prosecuted

Source: Orange County District Attorney's Office



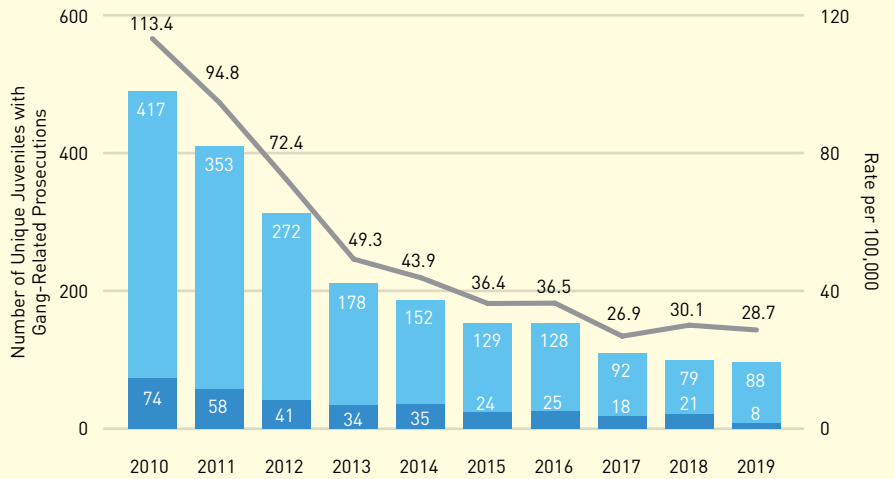
Number of Unique Juveniles with Gang-Related Prosecutions and Rate Per 100,000 Youth 10 to 17 Years Old with Gang-Related Prosecutions, by Age, 2010 to 2019

- 10-14 Years
- 15-17 Years
- Rate per 100,000 10-17 Years

Note: Rate is calculated using two data sources. The Orange County District Attorney's Office provided gang-related prosecution data. The U.S. Census provided data for the total 10-17 year-old population in 2018.

Source: Orange County District Attorney's Office

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Table S0101

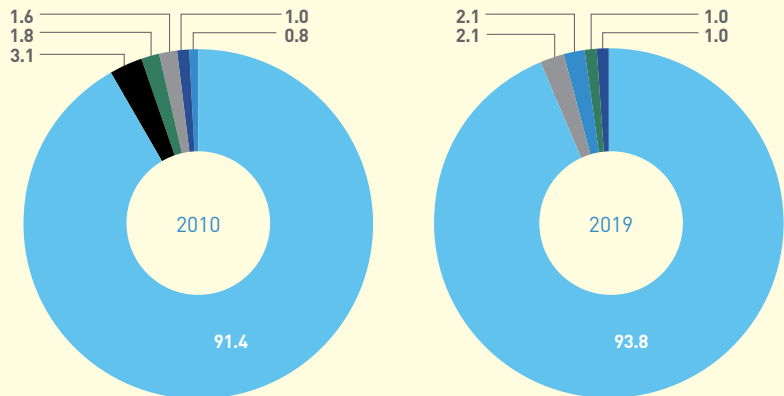


Percent of Unique Juveniles with Gang-Related Prosecutions, by Race/Ethnicity, 10 to 17 Years Old 2010 and 2019

- Hispanic
- Vietnamese*
- White
- Other/Unknown
- Asian
- Black

*Note: 0% of juveniles with gang-related prosecutions identified as Vietnamese in 2019.

Source: Orange County District Attorney's Office





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GOOD HEALTH INDICATORS



Supplemental Tables: Good Health

Indicator: **ACCESS TO HEALTH CARE**

Number and Percent of Children Uninsured, by Race/Ethnicity, 2011 to 2018

	2011		2012		2013		2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Hispanic	40,124	11.5	35,600	10.2	35,571	10.3	23,148	6.8	14,677	4.3	10,602	3.2	13,583	3.9	13,334	3.9
Asian	7,300	6.3	8,005	6.8	8,098	7.1	4,122	3.7	3,522	3.0	2,747	2.2	5,100	3.9	3,292	2.5
White	11,437	5.0	5,519	2.5	10,240	4.7	6,483	3.0	5,512	2.6	3,962	1.9	5,464	2.5	4,438	2.1
Other	1,584	1.8	1,760	4.0	1,429	3.0	2,341	4.5	736	1.5	815	1.8	775	1.5	639	1.1
Total	60,445		50,884		55,338		36,094		24,447		18,126		24,922		21,703	

Source: ACS (1 YR estimates, 2011 - 2018)

Other includes: Black/African American, American Indian/Alaskan Native (AIAN), 2+ races, and Other races.

Enrollment by Program, January 2011 to January 2020

	Medi-Cal Under 18	Healthy Families	California Kids	Kaiser Permanente	Healthy Kids	Total
2011	216,528	81,752	1,590	6,716*	116	306,702
2012	219,418	81,928	798	6,405*	0	308,549
2013	255,695	44,515	650	7,523 ^a	**	308,383
2014	307,879	142	555	6,752 ^b	**	315,328
2015	340,419	**	**	**	**	340,419
2016	342,361	**	**	6,078 ^c	**	348,439
2017	333,252 ^d	**	**	3,962 ^e	**	337,214
2018	320,861 ^f	**	**	1,270 ^g	**	322,131
2019	305,056	**	**	1,013	**	306,069
2020	282,572	**	**	235 ^h	**	282,807

** Data not available

^aData from December 2009

^bData from December 2010

^cData from December 2011

^dData from March 2013

^eData from September 2014

^fData from May 2016

^gIt is projected that KP CHP membership will continue to decline monthly as the vast majority of remaining CHP members appear to be eligible for Medi-Cal under SB75 (i.e., full scope Medi-Cal for low income children under age 19 regardless of immigration status).

^hData from April 2020

Source: Orange County Health Care Agency

Source: Kaiser Permanente

Supplemental Tables: Good Health

Indicator: EARLY PRENATAL CARE

Total Number and Percent of Women who Received Early Prenatal Care in Orange County, California and United States, by Year, 2009 to 2018

PRENATAL CARE	2009		2010		2011		2012		2013	
	No.	%	No.	%	No.	%	No.	%	No.	%
Orange County	35,650	88.2	34,018	89.0	33,780	88.7	33,814	88.6	32,885	88.3
California*	428,449	81.3	416,759	81.7	410,213	81.7	412,679	81.9	406,035	82.1
United States**	1,862,867	72.1	2,123,146	73.1	2,317,653	73.7	2,444,021	74.1	2,520,779	74.2

PRENATAL CARE	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Orange County	33,245	86.1	32,038	85.2	32,188	84.4	33,174	86.9	31,461	88.4
California*	418,279	83.2	409,489	84.6	N/A	N/A	N/A	N/A	N/A	N/A
United States**	2,824,607	76.7	2,854,065	77.0	3,042,271	77.1	2,980,301	77.3	2,938,577	77.5

N/A: Not Available

*CA data were obtained from California Department of Health, Vital Statistics Query System.

** Source for U.S. data: Centers for Disease Control, National Center for Health Statistics. 2012 data are based on 38 reporting areas (States and Territories) that used the revised birth certificate.

***Data are based on 27 reporting areas (States and Territories) that used the revised birth certificate.

Source: Orange County Health Care Agency

Total Number and Percent of Women who Received Early Prenatal Care, by Race/Ethnicity, 2009 to 2018

TRIMESTER	Total	%	White	%	Black	%	Hispanic	%	Asian	%	Other*	%
2009												
First	35,650	88.2	11,091	91.6	358	80.8	17,456	85.9	6,103	89.9	642	83.4
Second	3,719	9.2	759	6.3	55	12.4	2,282	11.2	530	7.8	93	12.1
Third	683	1.7	153	1.3	14	3.2	402	2.0	93	1.4	21	2.7
No Care	99	0.2	16	0.1	7	1.6	63	0.3	7	0.1	6	0.8
Unknown Care	280	0.7	88	0.7	9	2.0	120	0.6	55	0.8	8	1.0
TOTAL	40,431	100.0	12,107	100.0	443	100.0	20,323	100.0	6,788	100.0	770	100.0
2010												
First	34,018	89.0	10,541	92.4	357	85.8	16,356	86.4	5,760	91.9	649	85.2
Second	3,248	8.5	622	5.5	36	8.7	2,039	10.8	405	6.5	84	11.0
Third	592	1.5	114	1.0	13	3.1	370	2.0	58	0.9	17	2.2
No Care	114	0.3	47	0.4	3	0.7	55	0.3	1	0.0	5	0.7
Unknown Care	265	0.7	84	0.7	7	1.7	110	0.6	45	0.7	7	0.9
TOTAL	38,237	100.0	11,408	100.0	416	100.0	18,930	100.0	6,269	100.0	762	100.0
2011												
First	33,780	88.7	10,623	92.5	374	82.7	15,815	86.2	5,924	90.7	664	84.7
Second	3,253	8.5	626	5.4	57	12.6	1,950	10.6	470	7.2	88	11.2
Third	600	1.6	123	1.1	13	2.9	344	1.9	81	1.2	18	2.3
No Care	90	0.2	25	0.2	0	0.0	54	0.3	5	0.1	4	0.5
Unknown Care	377	1.0	90	0.8	8	1.8	194	1.1	54	0.8	10	1.3
TOTAL	38,100	100.0	11,487	100.0	452	100.0	18,357	100.0	6,534	100.0	784	100.0
2012												
First	33,814	88.6	10,369	92.7	369	82.9	15,271	86.1	6,647	89.5	646	84.6
Second	3,152	8.3	559	5.0	51	11.5	1,899	10.7	506	6.8	80	10.5
Third	574	1.5	113	1.0	13	2.9	317	1.8	94	1.3	17	2.2
No Care	93	0.2	36	0.3	3	0.7	43	0.2	8	0.1	2	0.3
Unknown Care	553	1.4	109	1.0	9	2.0	208	1.2	173	2.3	19	2.2
TOTAL	38,186	100.0	11,186	100.0	445	100.0	17,738	100.0	7,428	100.0	764	100.0

Supplemental Tables: Good Health

Total Number and Percent of Women who Received Early Prenatal Care, by Race/Ethnicity, 2009 to 2018 (Continued)

TRIMESTER	Total	%	White	%	Black	%	Hispanic	%	Asian	%	Other*	%
2013												
First	32,885	88.3	10,662	92.2	370	83.3	14,639	85.6	6,538	88.9	660	85.6
Second	3,063	8.2	607	5.2	54	12.2	1,780	10.4	537	7.3	82	10.6
Third	696	1.9	139	1.2	12	2.7	367	2.1	157	2.1	20	2.6
No Care	86	0.2	34	0.3	1	0.2	46	0.3	3	0.0	2	0.3
Unknown Care	526	1.4	121	1.0	7	1.6	264	1.5	122	1.7	7	0.9
TOTAL	37,256	100.0	11,563	100.0	444	100.0	17,096	100.0	7,357	100.0	771	100.0
2014												
First	33,245	86.1	10,840	91.6	395	82.6	14,002	85	7,411	82	597	74.9
Second	3,356	8.7	670	5.7	58	12.1	1,711	10.4	792	8.8	125	15.7
Third	1,126	2.9	128	1.1	15	3.1	332	2	613	6.8	38	4.8
No Care	103	0.3	38	0.3	2	0.4	57	0.3	5	0.1	2	0.3
Unknown Care	780	2	161	1.4	8	1.7	364	2.2	212	2.3	35	4.4
TOTAL	38,610	100.0	11,836	100.0	478	100.0	16,466	100.0	9,033	100.0	797	100.0
2015												
First	32,038	85.2	10,557	91.1	385	81.4	13,681	85.0	6,817	78.5	598	76.3
Second	3,273	8.7	657	5.7	60	12.7	1,715	10.7	728	8.4	113	14.4
Third	1,261	3.4	131	1.1	11	2.3	313	1.9	775	8.9	31	4.0
No Care	106	0.3	43	0.4	2	0.4	56	0.3	5	0.1	0	0.0
Unknown Care	943	2.5	204	1.8	15	3.2	321	2.0	361	4.2	42	5.4
TOTAL	37,621	100.0	11,592	100.0	473	100.0	16,086	100.0	8,686	100.0	784	100.0
2016												
First	32,188	84.4	10,971	90	383	80	13,186	84.7	7,502	77.4	146	74.5
Second	3,348	8.8	733	6	68	14.2	1,627	10.5	883	9.1	37	18.9
Third	1,528	4	161	1.3	8	1.7	305	2	1,044	10.8	10	5.1
No Care	120	0.3	48	0.4	5	1	59	0.4	8	0.1	0	0
Unknown Care	937	2.5	281	2.3	15	3.1	382	2.5	256	2.6	3	1.5
TOTAL	38,121	100.0	12,194	100.0	479	100.0	15,559	100.0	9,693	100.0	196	100.0
2017												
First	33,179	86.9	9,859	91.5	377	84.2	12,854	85.7	8,689	84.3	1,400	85.0
Second	3,364	8.8	661	6.1	51	11.4	1,663	11.1	836	8.1	153	9.3
Third	1,124	2.9	116	1.1	13	2.9	273	1.8	676	6.6	46	2.8
No Care	134	0.4	51	0.5	3	0.7	64	0.4	7	0.1	9	0.5
Unknown Care	373	1.0	85	0.8	4	0.9	139	0.9	105	1.0	40	2.4
TOTAL	38,173	100.0	10,772	100.0	448	100.0	14,993	100.0	10,313	100.0	1,648	100.0
2018												
First	31,461	88.4	9,263	93.0	358	86.7	12,110	86.8	8,307	86.1	1,423	88.4
Second	2,826	7.9	526	5.3	42	10.2	1,435	10.3	690	7.2	133	8.3
Third	905	2.5	84	0.8	5	1.2	231	1.7	560	5.8	25	1.6
No Care	115	0.3	33	0.5	5	1.2	64	0.5	5	0.1	8	0.5
Unknown Care	271	0.8	58	0.7	3	0.7	104	0.7	85	0.9	21	1.3
TOTAL	35,578	100.0	9,964	100.0	413	100.0	13,944	100.0	9,647	100.0	1,610	100.0

Percentages based on fewer than 5 events are statistically unreliable. Due to rounding, percentages may not add to 100.

*Other includes American Indian/Alaskan Native (AIAN), Pacific Islander, More than One Race, and Other. Mothers of unknown race are not included in this table.

Source: Orange County Health Care Agency.

Supplemental Tables: Good Health

Indicator: **BIRTHS AND LOW BIRTH WEIGHT**

Total Number and Percent of Births, by City and Community, 2009 to 2018

City	2009		2010		2011		2012		2013	
	Total	%	Total	%	Total	%	Total	%	Total	%
Aliso Viejo	765	1.9	719	1.9	660	1.8	731	1.9	660	1.8
Anaheim	5,912	14.6	5,392	14.1	5,201	14.0	5,478	14.4	5,201	14.0
Brea	388	1.0	436	1.1	442	1.2	436	1.1	442	1.2
Buena Park	1,041	2.6	1,053	2.8	1,011	2.7	1,046	2.7	1,011	2.7
Costa Mesa	1,614	4.0	1,499	3.9	1,549	4.2	1,563	4.1	1,549	4.2
Coto De Caza	44	0.1	45	0.1	53	0.1	42	0.1	53	0.1
Cypress	404	1.0	400	1.0	393	1.1	416	1.1	393	1.1
Dana Point/Capistrano Beach	367	0.9	292	0.8	322	0.9	328	0.9	322	0.9
Foothill Ranch/El Toro	140	0.3	120	0.3	130	0.3	122	0.3	130	0.3
Fountain Valley	526	1.3	460	1.2	475	1.3	466	1.2	475	1.3
Fullerton	1,678	4.2	1,576	4.1	1,526	4.1	1,591	4.2	1,526	4.1
Garden Grove	2,461	6.1	2,380	6.2	2,241	6.0	2,189	5.7	2,241	6.0
Huntington Beach	1,962	4.9	1,869	4.9	1,893	5.1	1,965	5.2	1,893	5.1
Irvine	2,389	5.9	2,715	7.1	3,007	8.1	2,577	6.8	3,007	8.1
La Habra	927	2.3	860	2.3	880	2.4	839	2.2	880	2.4
La Palma	126	0.3	116	0.3	128	0.3	108	0.3	128	0.3
Ladera Ranch	480	1.2	418	1.1	370	1.0	411	1.1	370	1.0
Laguna Beach	169	0.4	179	0.5	157	0.4	137	0.4	157	0.4
Laguna Hills	329	0.8	306	0.8	325	0.9	323	0.8	325	0.9
Laguna Niguel	641	1.6	547	1.4	571	1.5	606	1.6	571	1.5
Laguna Woods	4	0.0	5	0.0	4	0.0	6	0.0	4	0.0
Lake Forest	747	1.8	766	2.0	667	1.8	722	1.9	667	1.8
Los Alamitos	165	0.4	169	0.4	187	0.5	160	0.4	187	0.5
Midway City	133	0.3	108	0.3	97	0.3	102	0.3	97	0.3
Mission Viejo	877	2.2	863	2.3	835	2.2	848	2.2	835	2.2
Newport Beach	424	1.0	471	1.2	479	1.3	449	1.2	479	1.3
Newport Coast	114	0.3	99	0.3	85	0.2	110	0.3	85	0.2
Orange	1,960	4.8	1,867	4.9	1,791	4.8	1,925	5.1	1,791	4.8
Placentia	673	1.7	663	1.7	581	1.6	614	1.6	581	1.6
Portola Hills	0	0.0	0	0.0	13	0.0	10	0.0	13	0.0
Rancho Santa Margarita	600	1.5	529	1.4	518	1.4	522	1.4	518	1.4
San Clemente	1,003	2.5	930	2.4	883	2.4	886	2.3	883	2.4
San Juan Capistrano	447	1.1	399	1.0	395	1.1	389	1.0	395	1.1
Santa Ana	6,787	16.8	5,958	15.6	5,607	15.0	6,041	15.9	5,607	15.0
Seal Beach	134	0.3	138	0.4	146	0.4	153	0.4	146	0.4
Stanton	486	1.2	450	1.2	439	1.2	448	1.2	439	1.2
Trabuco Canyon	173	0.4	185	0.5	161	0.4	132	0.3	161	0.4
Tustin	1,295	3.2	1,264	3.3	1,141	3.1	1,278	3.4	1,141	3.1
Villa Park	26	0.1	30	0.1	31	0.1	44	0.1	31	0.1
Westminster	1,131	2.8	1,002	2.6	959	2.6	975	2.6	959	2.6
Yorba Linda	644	1.6	611	1.6	597	1.6	608	1.6	597	1.6
Balance of County	245	0.6	297	0.8	306	0.8	304	0.8	306	0.8
Total	40,431		38,237		38,100		38,186		37,256	

Supplemental Tables: Good Health

Total Number and Percent of Births by City and Community, 2009 to 2018 (Continued)

City	2014		2015		2016		2017		2018	
	Total	%	Total	%	Total	%	Total	%	Total	%
Aliso Viejo	673	1.7	660	1.8	673	1.7	623	1.6	563	1.6
Anaheim	5,176	13.4	5,201	14.0	5,176	13.4	4721	12.3	4385	12.3
Brea	508	1.3	442	1.2	508	1.3	553	1.4	509	1.4
Buena Park	1,049	2.7	1,011	2.7	1,049	2.7	987	2.6	931	2.6
Costa Mesa	1,656	4.3	1,549	4.2	1,656	4.3	1559	4.1	1482	4.2
Coto De Caza	43	0.1	53	0.1	43	0.1	44	0.1	37	0.1
Cypress	386	1.0	393	1.1	386	1.0	459	1.2	403	1.1
Dana Point/ Capistrano Beach	327	0.8	322	0.9	327	0.8	284	0.7	271	0.8
Foothill Ranch/El Toro	116	0.3	130	0.3	116	0.3	129	0.3	133	0.4
Fountain Valley	504	1.3	475	1.3	504	1.3	429	1.1	433	1.2
Fullerton	1,770	4.6	1,526	4.1	1,770	4.6	1622	4.2	1372	3.9
Garden Grove	2,113	5.5	2,241	6.0	2,113	5.5	1856	4.9	1744	4.9
Huntington Beach	2,003	5.2	1,893	5.1	2,003	5.2	1843	4.8	1708	4.8
Irvine	4,008	10.4	3,007	8.1	4,008	10.4	5578	14.6	5364	15.1
La Habra	860	2.2	880	2.4	860	2.2	952	2.5	742	2.1
La Palma	138	0.4	128	0.3	138	0.4	146	0.4	116	0.3
Ladera Ranch	356	0.9	370	1.0	356	0.9	297	0.8	299	0.8
Laguna Beach	157	0.4	157	0.4	157	0.4	131	0.3	105	0.3
Laguna Hills	297	0.8	325	0.9	297	0.8	293	0.8	288	0.8
Laguna Niguel	539	1.4	571	1.5	539	1.4	531	1.4	492	1.4
Laguna Woods	6	0.0	4	0.0	6	0.0	4	0	5	0.0
Lake Forest	685	1.8	667	1.8	685	1.8	799	2.1	889	2.5
Los Alamitos	165	0.4	187	0.5	165	0.4	201	0.5	162	0.5
Midway City	96	0.2	97	0.3	96	0.2	109	0.3	83	0.2
Mission Viejo	882	2.3	835	2.2	882	2.3	822	2.2	755	2.1
Newport Beach	620	1.6	479	1.3	620	1.6	597	1.6	555	1.6
Newport Coast	87	0.2	85	0.2	87	0.2	87	0.2	73	0.2
Orange	1,874	4.9	1,791	4.8	1,874	4.9	1772	4.6	1767	5.0
Placentia	652	1.7	581	1.6	652	1.7	556	1.5	562	1.6
Portola Hills	14	0.0	13	0.0	14	0.0	6	0	4	0.0
Rancho Santa Margarita	552	1.4	518	1.4	552	1.4	519	1.3	433	1.2
San Clemente	842	2.2	883	2.4	842	2.2	846	2.2	738	2.1
San Juan Capistrano	393	1.0	395	1.1	393	1.0	347	0.9	335	0.9
Santa Ana	5,294	13.7	5,607	15.0	5,294	13.7	4722	12.4	4311	12.1
Seal Beach	151	0.4	146	0.4	151	0.4	158	0.4	147	0.4
Stanton	388	1.0	439	1.2	388	1.0	392	1	342	1.0
Trabuco Canyon	154	0.4	161	0.4	154	0.4	165	0.4	150	0.4
Tustin	1,145	3.0	1,141	3.1	1,145	3.0	1191	3.1	1157	3.3
Villa Park	34	0.1	31	0.1	34	0.1	24	0.1	26	0.1
Westminster	1,011	2.6	959	2.6	1,011	2.6	977	2.6	860	2.4
Yorba Linda	685	1.8	597	1.6	685	1.8	712	1.9	645	1.8
Balance of County	201	0.5	306	0.8	201	0.5	130	0.3	175	0.5
Total	38,610		37,621		38,121		38,173		35,578	

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Number and Percent of Infants, by Birth Weight and Race/Ethnicity, 2009 to 2018

TRIMESTER	Total	%	White	Black	Hispanic	Asian	Other [^]
2009							
Under 1,500 Grams	406	1.0	126	8	194	66	12
1,500-2,499 Grams	2,264	5.6	683	32	1,021	487	41
2,500 Grams & over	37,761	93.4	11,298	403	19,108	6,235	717
TOTAL	40,431	100.0	12,107	443	20,323	6,788	770
% Low Birth Weight*	6.6%		6.7%	9.0%	6.0%	8.1%	6.9%
2010							
Under 1,500 Grams	362	0.9	126	12	160	53	11
1,500-2,499 Grams	2,100	5.5	645	43	943	436	33
2,500 Grams & over	35,775	93.6	11,103	361	17,827	5,780	704
TOTAL	38,237	100.0	11,874	416	18,930	6,269	748
% Low Birth Weight*	6.4%		6.3%	13.2%	5.8%	7.8%	5.9%
2011							
Under 1,500 Grams	406	1.1	114	8	196	64	10
1,500-2,499 Grams	2,144	5.6	637	39	957	444	41
2,500 Grams & over	35,550	93.3	10,736	405	17,204	6,026	733
TOTAL	38,100	100.0	11,487	452	18,357	6,534	784
% Low Birth Weight*	6.7%		6.5%	10.4%	6.3%	7.8%	6.5%
2012							
Under 1,500 Grams	383	1.0	82	14	188	86	5
1,500-2,499 Grams	2,018	5.3	549	38	823	522	39
2,500 Grams & over	35,785	93.7	10,555	393	16,727	6,820	720
TOTAL	38,186	100.0	11,186	445	17,738	7,428	764
% Low Birth Weight*	6.3%		5.6%	11.7%	5.7%	8.2%	5.8%
2013							
Under 1,500 Grams	385	1.0	94	5	202	75	9
1,500-2,499 Grams	1,945	5.2	589	37	823	456	39
2,500 Grams & over	34,926	93.7	10,880	402	16,071	6,826	723
TOTAL	37,256	100.0	11,563	444	17,096	7,357	771
% Low Birth Weight*	6.3%		5.9%	9.5%	6.0%	7.2%	6.2%
2014							
Under 1,500 Grams	345	0.9	85	11	163	79	7
1,500-2,499 Grams	2,088	5.4	629	41	843	528	47
2,500 Grams & over	36,177	93.7	11,122	426	15,460	8,426	743
TOTAL	38,610	100.0	11,836	478	16,466	9,033	797
% Low Birth Weight*	6.3%		6.0%	10.9%	6.1%	6.7%	6.8%
2015							
Under 1,500 Grams	358	1.0	96	6	172	72	12
1,500-2,499 Grams	2,002	5.3	536	43	812	563	48
2,500 Grams & over	35,261	93.7	10,960	424	15,102	8,051	724
TOTAL	37,621	100.0	11,592	473	16,086	8,686	784
% Low Birth Weight*	6.3%		5.5%	10.4%	6.1%	7.3%	7.7%
2016							
Under 1,500 Grams	392	1.0	93	17	174	95	2
1,500-2,499 Grams	2,005	5.3	509	36	832	563	10
2,500 Grams & over	35,724	93.7	10,679	426	14,553	9,035	184
TOTAL	38,121	100.0	11,281	479	15,559	9,693	196
% Low Birth Weight*	6.3%		5.3%	11.0%	6.4%	6.8%	6.1%
2017							
Under 1,500 Grams	329	0.9	70	11	165	54	29
1,500-2,499 Grams	1,893	5.0	498	27	711	548	109
2,500 Grams & over	35,952	94.2	10,204	410	14,117	9,711	1,510
TOTAL	38,173	100.0	10,772	448	14,993	10,313	1,648
% Low Birth Weight*	5.8%		5.2%	8.5%	5.8%	5.8%	2.4%
2018							
Under 1,500 Grams	312	0.9	65	5	161	62	19
1,500-2,499 Grams	1,915	5.4	482	35	756	564	78
2,500 Grams & over	33,351	93.7	9,417	373	13,027	9,021	1,513
TOTAL	35,578	100.0	9,964	413	13,944	9,647	1,610
% Low Birth Weight*	6.3%		5.5%	9.7%	6.6%	6.4%	6.0%

*Low birth weight is defined as less than 2,500 grams at birth.

Note: Due to rounding, percentages may not add to 100.

[^]Other includes American Indian/Alaskan Native (AIAN), Pacific Islander, More than One Race, and Other.

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Low Birth Weight and Very Low Birth Weight, by Maternal Age, 2017 and 2018

Low Birth Weight

	MATERNAL AGE														Total
	<15 Years	Row%	15-19 Years	Row %	20-24 Years	Row %	25-29 Years	Row %	30-34 Years	Row %	35-39 Years	Row %	40+ Years	Row %	
2017															
<2,500 grams	3	0.1	65	2.9	265	11.9	460	20.7	733	33.0	524	23.6	172	7.7	2,222
2,500+ grams	9	0.0	1,025	2.9	4,248	11.8	8,824	24.5	12,259	34.1	7,752	21.6	1,834	5.1	35,951
Total	12		1,090		4,513		9,284		12,992		8,276		2,006		38,173
2018															
<2,500 grams	1	0.0	75	3.4	236	10.6	477	21.4	698	31.3	544	24.4	196	8.8	2,227
2,500+ grams	7	0.0	852	2.6	3,684	11.0	8,130	24.4	11,558	34.7	7,292	21.9	1,828	5.5	33,351
Total	8	0.0	927	2.6	3,920	11.0	8,607	24.2	12,256	34.4	7,836	22.0	2,024	5.7	35,578

Very Low Birth Weight

	MATERNAL AGE														Total
	<15 Years	Row%	15-19 Years	Row %	20-24 Years	Row %	25-29 Years	Row %	30-34 Years	Row %	35-39 Years	Row %	40+ Years	Row %	
2017															
<1,500 grams	0	0.0	10	3.0	40	12.2	62	18.8	99	30.1	79	24.0	39	11.9	329
1,500- 2,499 grams	3	0.2	55	2.9	225	11.9	398	21.0	634	33.5	445	23.5	133	7.0	1,893
2,500+ grams	9	0.0	1,025	2.9	4,248	11.8	8,824	24.5	12,259	34.1	7,752	21.6	1,834	5.1	35,951
Total	12		1,090		4,513		9,284		12,992		8,276		2,006		38,173
2018															
<1,500 grams	0	0.0	10	3.2	38	12.2	66	21.2	85	27.2	87	27.9	26	8.3	312
1,500- 2,499 grams	1	0.1	65	3.4	198	10.3	411	21.5	613	32.0	457	23.9	170	8.9	1,915
2,500+ grams	7	0.0	852	2.6	3,684	11.0	8,130	24.4	11,558	34.7	7,292	21.9	1,828	5.5	33,351
Total	8	0.0	927	2.6	3,920	11.0	8,607	24.2	12,256	34.4	7,836	22.0	2,024	5.7	35,578

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Secondary Indicator: INFANTS BORN WITH ABNORMAL CONDITIONS

Definition

Number and rate of infants born with abnormal conditions that are identified at birth and recorded on the birth certificate and the type of abnormalities with which they are born.

Number and Rate Per 1,000 Live Births of Infants Born with Selected Abnormal Conditions, by Race/Ethnicity, 2009 to 2018

Race/Ethnicity	2009		2010		2011		2012		2013	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	10	1.5	5	0.7	10	1.5	4	0.5*	4	0.5*
Black	0	0.0	1	2.2*	0	0.0	0	0.0	0	0.0
Hispanic	29	1.4	38	1.7	29	1.4	28	1.6	20	1.2
Non-Hispanic White	11	0.9	9	0.7	11	0.9	13	1.2	11	1.0
Other/Unknown	0	0.0	0	0.0	0	0.0	1	1.3*	2	2.5*
TOTAL	50	1.2	53	1.2	50	1.2	46	1.2	37	1.0

Race/Ethnicity	2014		2015		2016		2017		2018	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	9	1.0	9	1.0	9	0.9	7	0.7	8	0.8
Black	0	0.0	1	2.1*	0	0.0	0	0.0	0	0.0
Hispanic	35	2.1	26	1.6	20	1.3	19	1.3	16	1.1
Non-Hispanic White	19	1.6	7	0.6	13	1.1	8	0.7	12	1.2
Other/Unknown	1	1.3*	1	1.3*	0	0.0	1	0.6	4	2.5*
TOTAL	64	1.7	44	1.2	42	1.1	35	0.9	40	1.1

* Rates based on less than five births are unstable, and, therefore, should be interpreted with caution. Source: Orange County Health Care Agency

Number of Infants Born, by Selected Abnormal Conditions, 2009 to 2018

Abnormal Conditions in Newborn	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Anencephaly	2	1	0	2	2	1	0	0	2	1
Meningocele/ Spina Bifida	3	2	2	1	3	0	1	1	1	0
Omphalocele/ Gastroschisis	5	2	9	8	7	11	7	2	9	7
Cleft Lip/Palate	22	13	17	19	17	30	17	21	15	19
Down's Syndrome	16*	12*	16*	15*	7*	20*	7	5*	5*	9*
Hypospadias	3	1	1	1	1	2	2	3	3	4
Total	50	31	45	46	37	64	44	32	35	40

*Please note that beginning in 2006, the Medical Worksheet started separating Down's Syndrome into Karyotype Confirmed and Karyotype Pending categories, and therefore, only confirmed cases are presented from 2006 forward.
Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Indicator: **PRETERM BIRTHS**

Percent of Preterm Births, by Mother's Age, 2009 to 2018

Age of Mother	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<15 Years	12.1	19.4	25.8	16.7	27.8	18.2	5.9	11.1	25.0	12.5*
15-19 Years	9.8	9.8	9.9	9.2	8.6	7.3	7.5	8.0	8.7	9.0
20-24 Years	8.2	8.2	7.7	7.9	6.9	6.4	7.2	7.1	7.6	7.4
25-29 Years	8.2	7.5	7.7	7.1	6.8	6.3	6.5	6.8	6.6	6.6
30-34 Years	9.2	8.9	8.4	7.8	7.4	7.1	7.5	7.6	7.0	7.0
35-39 Years	11.2	10.8	11.2	10.3	8.7	8.9	8.1	9.3	8.2	8.7
40+ Years	15.0	14.7	14.5	12.6	13.0	11.8	12.1	12.3	10.8	11.4

Percent calculated from number of births with known obstetric estimate gestational age less than 37 weeks for 2014. Rates prior to 2014 were calculated from last menstrual period dates.

*Percentages based on fewer than 5 events are statistically unreliable.

Source: Orange County Health Care Agency

Percent Preterm (17-36 Completed Weeks of Gestation), 2009 to 2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
All Births Calculated by LMP	9.4	9.1	9.0	8.4	7.8	7.2	7.4	7.8	N/A	N/A
All Births Estimated by OE	8.6	8.1	8.3	7.9	7.7	7.4	7.5	8.0	7.5	7.6
Singleton Births Calculated by LMP	7.6	7.5	7.2	6.8	6.3	5.7	6.0	6.2	N/A	N/A
Singleton Births Estimated by OE	6.7	6.4	6.4	6.2	6.2	5.8	6.1	6.5	6.2	6.0

Note: Percent calculated from number of births with known obstetric estimate gestational age less than 37 weeks. The primary measure used to determine the gestational age is calculated based on the mother's last menstrual period (LMP) and the child's date of birth. In 2007, the obstetric estimate (OE) was added to the California birth certificate to address missing or erroneous LMP data and precludes neonatal assessments. Both rates are shown for 2008-2016. It is anticipated that routine reporting of OE on the birth certificate will improve the accuracy of gestational age estimates.

Source: Orange County Health Care Agency

Percent Preterm, by Maternal Race/Ethnicity, 2009 to 2018

Race/Ethnicity	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
White	9.6	9.4	8.9	7.7	7.5	6.0	7.3	7.9	6.5	7.3
Black	11.7	14.7	13.4	11.8	10.1	10.9	10.8	12.8	10.0	9.4
Hispanic	9.2	9.0	8.9	8.6	8.1	6.1	8.0	8.8	8.4	8.7
Asian	9.4	8.5	8.9	8.3	7.1	6.7	7.0	7.3	6.6	6.4

Note: Percent calculated from number of births with known obstetric estimate gestational age less than 37 weeks for 2014. Percent calculated from number of births with known gestational age less than 37 weeks for years prior to 2014.

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Percent Preterm for Orange County, California and United States, 2009 to 2018

	Total Preterm Births			Late Preterm Births			Moderately Late Preterm Births			Very Preterm Births		
	OC	CA	US	OC	CA	US	OC	CA	US	OC	CA	US
2009	9.4%	10.3%	10.1%	7.0%	N/A	7.2%	1.2%	N/A	1.2%	1.2%	1.5%	2.0%
2010	9.1%	9.9%	10.0%	6.8%	N/A	7.2%	1.1%	N/A	1.2%	1.2%	1.5%	2.0%
2011	9.0%	9.8%	9.8%	6.6%	7.1%	7.0%	1.1%	N/A	1.2%	1.3%	N/A	1.9%
2012	8.4%	9.6%	9.8%	6.1%	6.9%	7.0%	1.1%	N/A	1.2%	1.2%	N/A	1.9%
2013	7.8%	8.8%	9.6%	5.7%	6.4%	6.8%	0.9%	N/A	1.2%	1.2%	N/A	1.9%
2014	7.4%	8.3%	9.6%	5.4%	6.0%	6.8%	0.9%	N/A	1.2%	1.0%	1.3%	1.6%
2015	7.6%	8.5%	9.6%	6.1%	6.2%	6.9%	1.0%	N/A	1.2%	1.1%	1.3%	1.6%
2016	8.0%	8.6%	9.8%	5.8%	N/A	N/A	1.0%	N/A	N/A	1.1%	N/A	N/A
2017	7.5%	8.7%	9.9%	5.7%	N/A	N/A	0.8%	N/A	N/A	0.9%	N/A	N/A
2018	7.6%	8.8%	9.9%	5.7%	N/A	N/A	0.9%	N/A	N/A	1.0%	N/A	N/A

N/A: Data not available.

Total Preterm Births for California have been updated to match the 2015 March of Dimes Report Card.

Percent calculated from number of births with known obstetric estimate gestational age less than 37 weeks for 2014 and beyond. Rates prior to 2014 were calculated from last menstrual cycle dates.

Source: Orange County Health Care Agency; March of Dimes Report Card.

Percent Late and Very Late Preterm for All Births and Singleton Births, Orange County, 2009 to 2018

	Late Preterm Births (34-36 Completed Weeks of Gestation)				Very Preterm Births (17-31 Completed Weeks of Gestation)			
	All Births		Singleton Births		All Births		Singleton Births	
	Calc. by LMP	Est. by OE	Calc. by LMP	Est. by OE	Calc. by LMP	Est. by OE	Calc. by LMP	Est. by OE
2009	7.0%	6.4%	5.8%	5.2%	1.2%	1.2%	0.9%	0.8%
2010	6.8%	6.1%	5.7%	4.9%	1.2%	1.1%	1.0%	0.9%
2011	6.6%	6.1%	5.5%	4.9%	1.3%	1.2%	1.0%	0.9%
2012	6.1%	5.8%	5.1%	4.8%	1.2%	1.1%	0.9%	0.8%
2013	5.7%	5.6%	4.7%	4.7%	1.2%	1.2%	0.9%	0.9%
2014	5.4%	5.4%	4.4%	4.4%	1.0%	1.1%	0.7%	0.8%
2015	5.6%	5.6%	4.6%	4.7%	1.0%	1.0%	0.8%	0.8%
2016	6.3%	5.8%	5.2%	5.4%	1.4%	1.1%	1.0%	1.0%
2017	n/a	6.3%	n/a	4.8%	n/a	1.1%	n/a	0.7%
2018	n/a	5.7%	n/a	4.4%	n/a	1.0%	n/a	0.8%

Percent calculated from number of births with known gestational age less than 37 weeks.

Note: The primary measure used to determine the gestational age is calculated based on the mother's last menstrual period (LMP) and the child's date of birth. In 2007, the obstetric estimate (OE) was added to the California birth certificate to address missing or erroneous LMP data and precludes neonatal assessments. Both rates are shown for 2008 to 2016. It is anticipated that routine reporting of OE on the birth certificate will improve the accuracy of gestational age estimates.

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Indicator: **TERM BIRTHS**

Total Number and Percent of Term Infant Births, by Race/Ethnicity, 2018

INFANT TYPE	Total	%	White	%	Black	%	Hispanic	%	Asian	%	Other*	%
Early Term	9,125	27.8	2,242	24.3	87	23.3	3,812	29.9	2,606	28.9	378	25.2
Full Term	21,583	65.7	6,019	65.2	251	67.1	8,274	65.0	6,065	67.2	974	65.0
Late Term	2,070	6.3	938	10.2	34	9.1	614	4.8	347	3.8	137	9.1
Post Term	86	0.3	38	0.4	2	0.5	28	0.2	9	0.1	9	0.6
TOTAL	32,864		9,237		374		12,728		9,027		1,498	

**Percents based on fewer than 5 events are statistically unreliable. Due to rounding, percentages may not add to 100. *Other includes AIAN, Pacific Islander, More than One Race, and Other. Mothers of unknown race are not included in this table.
Source: County of Orange Health Care Agency

Total Number and Percent of Total Term Infant Births, by Mother's Age, 2018

MOTHER'S AGE	Total	%	Early Term	%	Full Term	%	Late Term	%	Post Term	%
<15 Years	7	0.0	3	0.0	4	0.0	-	0.0	-	0.0
15-19 Years	844	2.6	219	2.4	567	2.6	50	2.4	8	9.3
20-24 Years	3,631	11.0	1,038	11.4	2,365	11.0	223	10.8	5	5.8
25-29 Years	8,036	24.5	2,098	23.0	5,387	25.0	539	26.0	12	14.0
30-34 Years	11,399	34.7	3,038	33.3	7,532	34.9	791	38.2	38	44.2
35-39 Years	7,154	21.8	2,112	23.1	4,606	21.3	415	20.0	21	24.4
40+ Years	1,793	5.5	617	6.8	1,122	5.2	52	2.5	2	2.3
TOTAL	32,864		9,125		21,583		2,070		86	

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Total Number and Percent of Term Infant Births, by Birth Type, 2018

INFANT TYPE	Total	%	Singleton	%	Multiple	%
Early Term	9,125	27.8	8,617	26.7	508	94.6
Full Term	21,583	65.7	21,554	66.7	29	5.4
Late Term	2,070	6.3	2,070	6.4	0	0.0
Post Term	86	0.3	86	0.3	0	0.0
TOTAL	32,864		32,327		537	

Source: Orange County Health Care Agency

Total Number and Percent of Term Infant Births, by Delivery Type, 2018

INFANT TYPE	Total	%	Cesarean	%	Vaginal	%
Early Term	9,125	27.8	2,732	27.5	6,393	26.4
Full Term	21,583	65.7	6,586	66.4	14,997	61.8
Late Term	2,070	6.3	579	5.8	1,491	6.1
Post Term	86	0.3	29	0.3	57	0.2
TOTAL	32,864		9,926		24,251	

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Secondary Indicator: **SUBSTANCE-EXPOSED INFANTS**

Definition

Substance-exposed infants refers to the number of infants with positive toxicology results for alcohol and/or illicit drugs at the time of birth that were provided Emergency Response services by the County of Orange Social Services Agency (SSA), resulting in juvenile court intervention. Any indication of maternal substance use requires an assessment of the needs of the mother and child by a health practitioner or medical social worker prior to the child leaving the hospital. There is a mandatory assessment form that serves as a guide for medical staff to focus their assessment, and the decision to report a child to the SSA Child Abuse Registry is to be based on a reasonable suspicion that the parent may be unable to care for the child. This must be based on at least one factor other than the positive toxicology screen.

Number of Orange County Infants Taken into Protective Custody (or petition for dependency filed) as a Result of Testing Positive for Substance Exposure at Birth, 2009/10 to 2018/19

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Substance Exposed Infants	89	128	82	98	110	121	178	190	180	233

Source: The County of Orange Social Services Agency

Supplemental Tables: Good Health

Indicator: INFANT MORTALITY RATE

Definition

The infant mortality indicator refers to deaths of infants under one year of age. The rate of infant mortality is calculated per 1,000 live births per year.

Percent of Infant Deaths, by Cause, 2009 to 2018

CAUSES OF INFANT DEATH	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Short Gestation/ Low Birth Weight	3.0%	5.4%	6.3%	9.2%	8.9%	3.5%	7.0%	9.3%	6.9%	14.0%
Congenital Anomalies (Birth Defects)	33.9%	27.9%	31.3%	38.5%	21.1%	33.9%	16.0%	33.7%	29.3%	22.0%
Sudden, Unexpected Infant Death (SUID)**	3.0%	5.4%	5.0%	3.1%	4.1%	4.3%	10.0%	4.8%	4.3%	4.0%
Respiratory Distress Syndrome (RDS)	1.8%	3.4%	0.6%	3.1%	2.4%	3.5%	1.0%	1.2%	1.7%	1.0%
Maternal Causes*	18.2%	12.9%	13.8%	13.8%	16.3%	20.9%	28.0%	25.6%	21.7%	24.0%
Accidents and Adverse Effects	2.4%	1.4%	1.9%	0.0%	2.4%	0.9%	5.0%	1.2%	0.9%	1.0%
Other conditions of Perinatal Period	17.6%	36.7%	30.6%	19.2%	33.3%	11.3%	23.0%	18.7%	13.9%	10.0%
Pneumonia and Influenza	0.6%	0.0%	0.6%	0.8%	0.0%	1.7%	1.0%	1.0%	0.0%	2.0%
All Other Causes	19.4%	6.8%	10.0%	12.3%	11.4%	20.0%	9.0%	4.8%	21.6%	22.0%

*Maternal Causes includes causes such as hypertension, premature rupture of membranes, malpresentation, placenta previa, alcohol/drug abuse, or other complications of labor and delivery.
Note: Due to rounding percentages may not add up to 100. Source: Orange County Health Care Agency.

Supplemental Tables: Good Health

Number and Rate per 1,000 Live Births Suffering Infant Mortality, by Race/Ethnicity, 2009 to 2018

Race/Ethnicity	2009		2010		2011		2012		2013	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	20	2.9	18	2.3	20	2.0	20	2.7	16	2.2
Black	3	6.8**	4	8.7**	3	4.8**	3	6.7**	2	4.5**
Hispanic	89	4.4	128	5.8	89	4.5	68	3.8	72	4.2
Non-Hispanic White	50	4.1	49	4.1	50	3.3	34	3.0	26	2.2

Race/Ethnicity	2014		2015		2016		2017		2018	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	15	1.7	10	1.8	14	1.4	16	2.9	20	2.1
Black	4	8.4**	5	10.6	3	6.3**	2	3.5**	1	2.4**
Hispanic	64	3.9	55	5.0	35	2.2	66	4.0	39	2.8
Non-Hispanic White	29	2.5	24	1.8	20	1.6	26	1.9	30	3.0

**Due to relatively low numbers of Black infants and deaths, statistics for this group are unreliable.
 Note: Rates based on less than five deaths are unstable, and therefore should be interpreted with caution.
 Source: Orange County Health Care Agency.

Three Year Average Rate per 1,000 Live Births Suffering Infant Mortality, by Race/Ethnicity, 2010 to 2018

Race/Ethnicity	2010-2012	2013-2015	2016-2018
Asian	2.3	1.9	2.1
Black*	6.7*	7.8*	4.1*
Hispanic	4.7	4.4	3.0
Non-Hispanic White	3.5	2.2	2.2

*Due to relatively low numbers of Black infants and deaths, statistics for this group are unreliable.
 Source: Orange County Health Care Agency.

Supplemental Tables: Good Health

Indicator: **BREASTFEEDING**

Definition

Local statistics on breastfeeding are obtained from two California Department of Public Health data sources. The In-Hospital Newborn Screening Program documents feeding practices at discharge for all Orange County births. The Maternal Infant Health Assessment (MIHA) is an annual statewide-representative survey of women with a recent live birth in California. In-Hospital Newborn Screening data are presented as the percentage of mothers breastfeeding (any or exclusive breastfeeding) in the hospital after birth. MIHA data are presented as the percentage of mothers who reported breastfeeding (any or exclusive breastfeeding) at one month after delivery and at three months after delivery. An infant is exclusively breastfed when fed only with human milk and no other supplements such as water, formula, non-human milk, food or juice. Any breastfeeding is defined as feeding with both human milk and infant formula.

Hospital Discharge Breastfeeding Percentages in Orange County and California, 2012 to 2018

	Any Breastfeeding						
	2012	2013	2014	2015	2016	2017	2018
Orange County	93.2	94.0	94.8	95.1	95.0	94.8	94.3
California	92.3	93.0	93.5	93.9	94.0	94.0	93.8

	Exclusive Breastfeeding						
	2012	2013	2014	2015	2016	2017	2018
Orange County	62.1	62.7	64.6	67.1	66.1	65.8	67.0
California	62.6	64.8	66.6	68.6	69.4	69.8	70.4

Note: Reprint due to data not available at time of printing. Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2018

Orange County Number and Percent of Any and Exclusive Breastfeeding, by Race/Ethnicity, 2012 to 2018

Year and Age	Black	Asian	Hispanic	White	Pacific Islander	Multiple	Missing/ Other	Total
2012								
Any Number	293	5,529	15,232	8,900	47	1,336	754	32,091
Any Percent	91.8	93.8	92.4	94.3	83.9	94.9	93.2	93.2
Exclusive Number	196	3,038	9,373	7,197	23	1,041	493	21,361
Exclusive Percent	61.4	51.6	56.8	76.2	41.1	73.9	60.9	62.1
2013								
Any Number	334	5,705	14,558	8,907	48	1,095	795	31,442
Any Percent	91.8	94.5	93.0	95.1	88.9	95.5	94.8	94.0
Exclusive Number	224	3,115	8,963	7,242	29	867	540	20,980
Exclusive Percent	61.5	51.6	57.3	77.3	53.7	75.6	64.4	62.7
2014								
Any Number	284	7,066	14,324	9,253	44	1,206	383	33,121
Any Percent	92.2	95.0	94.2	95.6	89.8	95.7	96.0	94.8
Exclusive Number	203	3,629	9,290	7,556	23	946	255	22,265
Exclusive Percent	65.9	48.8	61.1	78.0	46.9	75.1	63.9	63.7
2015								
Any Number	403	7,453	15,085	9,680	42	1,237	*	34,896
Any Percent	91.6	94.8	94.9	95.8	91.3	96.0	*	95.1
Exclusive Number	298	4,156	10,304	8,069	25	1,016	*	24,592
Exclusive Percent	67.7	52.9	64.8	79.9	54.3	78.9	*	67.1

Supplemental Tables: Good Health

Orange County Number and Percent of Any and Exclusive Breastfeeding, by Race/Ethnicity, 2012 to 2018 (continued)

Year and Age	Black	Asian	Hispanic	White	Pacific Islander	Multiple	Missing/ Other	Total
2016								
Any Number	341	8,411	14,592	9,526	53	1,220	405	35,097
Any Percent	90.9	95.2	94.2	96.0	93.0	96.1	94.6	95.0
Exclusive Number	260	4,724	9,755	8,001	33	978	287	24,430
Exclusive Percent	69.3	53.5	63.0	80.6	67.1	77.1	67.1	66.1
2017								
Any Number	309	8,381	12,882	8,808	41	1,150	410	32,611
Any Percent	92.2	93.7	94.4	96.5	85.4	95.7	95.1	94.8
Exclusive Number	220	4,659	8,562	7,484	30	924	292	22,633
Exclusive Percent	65.7	52.1	62.7	82.0	62.5	76.9	67.7	65.8
2018								
Any Number	297	7,926	11,966	8,195	94	1,079	306	30,445
Any Percent	94.6	92.7	94.0	96.2	91.9	95.7	95.6	94.3
Exclusive Number	222	4,520	8,151	7,071	29	900	225	21,609
Exclusive Percent	70.7	52.8	64.0	83.0	78.4	79.8	70.3	67.0

Note: Reprint due to data not available at time of printing. California Department of Public Health; Numbers and percents not shown for <10 events; exact percents not shown for hospitals with <10 events; Data not shown for missing race/ethnicity.

Breastfeeding Percentages in Orange County Hospitals and California, 2012 to 2017

Hospitals	Any Breastfeeding Percent							Exclusive Breastfeeding Percent						
	2012	2013	2014	2015	2016	2017	2012	2013	2014	2015	2016	2017		
Anaheim Regional Medical Center	88.7	92.8	93.5	94.1	92.4	92.5	28.2	41.3	43.2	48.4	44.4	53.5		
Coastal Communities Hospital	91.2	90.2	94.0	88.9	83.9	83.6	55.3	56.0	61.9	50.6	37.0	34.4		
Fountain Valley Regional Medical Center	89.1	90.3	91.9	93.4	93.6	93.1	25.7	18.5	19.4	28.3	34.7	44.5		
Garden Grove Hospital	93.7	94.3	95.4	94.6	95.8	96.0	60.5	61.0	57.2	44.8	35.2	20.3		
Hoag Memorial-Presbyterian Hospital	96.2	96.0	96.4	96.7	96.5	96.7	70.1	72.7	76.6	78.6	77.6	77.0		
Kaiser-Anaheim	94.3	95.3	97.2	96.9	96.5	96.7	73.8	74.8	77.8	79.3	79.0	77.4		
Kaiser-Irvine	97.1	97.5	96.7	98.0	98.0	97.5	80.1	82.6	79.0	84.0	84.5	85.7		
La Palma Intercommunity Hospital	93.5	89.5	91.5	92.0	93.2	92.9	66.8	52.9	57.7	56.4	43.2	55.8		
Los Alamitos Medical Center	94.1	94.8	93.6	92.1	94.6	94.0	75.2	73.4	69.3	64.2	63.7	65.7		
Mission Hospital Regional Medical Center	94.8	96.0	96.7	96.4	96.6	97.1	80.3	80.8	80.6	80.7	77.2	81.2		
Orange Coast Memorial Hospital	91.6	92.2	92.7	94.0	94.4	93.8	60.2	58.2	61.0	65.4	71.2	72.0		
Saddleback Memorial Medical Center	92.1	93.2	94.0	95.4	95.0	95.5	60.1	60.2	58.6	60.7	64.3	72.6		
St. Joseph's Hospital	94.8	95.4	96.1	95.9	96.1	95.4	81.0	83.1	83.7	85.6	84.5	82.1		
St. Jude Medical Center	94.3	94.3	95.6	95.7	95.4	94.5	78.6	74.2	69.2	70.9	68.3	61.5		
UC Irvine Medical Center	93.2	93.3	92.9	92.4	92.7	93.1	64.1	68.0	72.1	71.1	72.8	73.2		
Western Medical Center	82.9	84.8	88.5	92.1	91.0	91.4	14.7	14.0	32.6	47.9	43.1	34.4		
Western Medical Center Anaheim	96.5	95.0	95.8	95.2	92.6	92.8	62.8	51.2	49.3	45.1	31.4	27.4		
Orange County	93.3	93.9	94.8	95.1	95.0	94.8	63.1	63.8	64.6	67.1	66.1	66.1		
California	92.2	92.9	93.5	93.9	94.0	93.9	62.4	64.6	66.6	68.6	69.4	69.6		

Note: Reprint due to data not available at time of printing. Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2017

Supplemental Tables: Good Health

Indicator: **IMMUNIZATIONS**

Definition

This indicator reports the percentage of children who received all doses of specific vaccines required for children attending child care facilities and required at kindergarten entry.

Percent of Adequately Immunized Children Enrolling in School Between 2010 through 2019 in Orange County and California

Assessment Year	Up-To-Date at Kindergarten Entry*		Up-to-Date for Child Care**	
	CA (%)	OC (%)	CA (%)	OC (%)
2010	90.7	89.0	90.6	90.4
2011	91.0	89.5	91.0	89.5
2012	90.3	89.3	89.2	89.0
2013	90.2	88.7	89.3	87.6
2014	90.4	90.1	89.4	87.8
2015	92.8	92.5	90.5	89.7
2016	95.6	95.5	94.9	94.6
2017	95.1	95.7	95.6	95.5
2018	94.8	95.7	95.9	95.9
2019	N/A	95.5	N/A	N/A

* Up-to-date (UTD) for Kindergarten: Proof of immunizations is required to enter kindergarten. Children who are partially immunized are not considered UTD but may attend school as long as they are not overdue for doses needed to complete the vaccine series. Children with a written exemption based on personal beliefs or documented medical conditions are also not UTD but may attend school. Kindergarten Assessment Results, California Department of Health Services, Immunization Branch. Sources: Kindergarten Assessment Results, California Department of Health Services, Immunization Branch.

**Up-to-date (UTD) for Child Care: Proportion of children attending child care facilities reported to have received all required vaccines. Children with a written exemption based on personal beliefs or documented medical conditions are also not UTD but may attend school. 2009-2018 Child Care Immunization Assessment Results, California Department of Health Services, Immunization Branch. Sources: Child Care Immunization Assessment Results, California Department of Health Services, Immunization Branch.

Supplemental Tables: Good Health

Secondary Indicator: DEVELOPMENTAL DISABILITIES

Definition

This indicator tracks the total number of children under 18 years of age who utilized services at the Regional Center of Orange County (RCOC). This includes children over three years of age who have a diagnosed developmental disability, and children under three years of age who are eligible for Early Intervention Services under Part C of the Individual with Disabilities Education Improvement Act (IDEIA) through California's Early Start Program. The Early Start Program provides healthcare, intervention specialists, therapists and parent resources for infants, toddlers and their families.

Children Receiving Services for Developmental Disabilities, 2010 to 2019

	2010		2011		2012		2013		2014	
	No.	%	No.	%	No.	%	No.	%	No.	%
Total Served	9,412	100	8,915	100	8,821	100	8,661	100	8,953	100
Total Served with Diagnosis	6,362	67.6	6,119	68.6	6,268	71.1	6,342	73.2	6,448	72.0
Total Number Under 4 Years of Age	4,056	43.1	3,463	68.8	3,247	36.8	2,953	34.1	3,111	34.7
Total Number who live at home	8,530	90.6	8,451	94.7	8,394	95.2	8,240	95.1	8,750	97.7
Total Number who live in Community Care Facility	102	1.1	76	0.9	78	0.9	68	0.8	61	0.7
Total number who live in Foster Care (SSA)	114	1.2	115	1.3	99	1.1	84	1	98	1.1
	2015		2016		2017		2018		2019	
	No.	%	No.	%	No.	%	No.	%	No.	%
Total Served	9,343	100	9,688	100	10,156	100	10,493	100	10,869	100
Total Served with Diagnosis	6,644	71.1	6,761	69.8	6,905	68.0	7,006	66.8	7,205	66.3
Total Number Under 4 Years of Age	3,274	35.0	3,505	36.2	3,773	37.1	4,024	38.3	4,210	38.7
Total Number who live at home	9,112	97.5	9,461	97.7	9,911	97.6	10,224	97.4	10,580	97.3
Total Number who live in Community Care Facility	59	0.6	48	0.5	58	0.6	53	0.5	43	.4
Total Number who live in Foster Care (SSA)	126	1.3	139	1.4	154	1.5	183	1.7	212	2.0

Note: Numbers for CalWORKs/Medi-Cal and SSI/Medi-Cal populations are included because data were inconclusive.

Note: Due to some children being counted in more than one category, based on their qualifications, values may not add up to 100%.

Source: Regional Center of Orange County

Supplemental Tables: Good Health

Total Number of Children Under 18 Years of Age Receiving Services for Developmental Disabilities, by Race/Ethnicity, 2010 to 2019

Ethnicity	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
White	2,789	2,448	2,342	2,222	2,364	2,486	2,539	2,592	2,684	2,845
Black	127	116	119	124	147	167	199	212	222	233
Hispanic	3,495	3,366	3,328	3,333	3,490	3,715	3,944	4,114	4,219	4,400
Asian	1,437	1,425	1,477	1,485	1,655	1,780	1,861	2,050	2,109	2,235
Other	1,365	1,360	1,035	984	838	1,200	1,151	1,192	1,261	796
Unknown	199	200	295	489	463	417	408	428	409	361
Total	9,412	8,915	8,821	8,794	8,957	9,765	10,102	10,587	10,494	10,896

Note: Those with Middle Eastern ethnicity are included in the 'other' category.
Source: Regional Center for Orange County

Total Number of Children by Age Groups and Number and Percent of Children with a Diagnosis of Autism, Served by the Regional Center of Orange County (RCOC), July 2014 to July 2020

Years of Age	2014			2015			2016			2017		
	Total # of Children Served by RCOC	# with Autism	% with Autism	Total # of Children Served by RCOC	# with Autism	% with Autism	Total # of Children Served by RCOC	# with Autism	% with Autism	Total # of Children Served by RCOC	# with Autism	% with Autism
3-4	664	326	49.1	646	342	52.9	722	422	58.4	701	410	58.5
5-9	2,218	1,170	53.0	2,236	1,230	55.0	2,331	1,337	57.3	2,248	1,384	61.6
10-14	2,089	1,002	48.0	2,221	1,131	50.9	2,262	1,172	51.8	2,398	1,348	56.2
15-18	1,583	703	48.0	1,677	758	45.2	1,772	822	46.3	1,758	845	48.1
Total	6,554	3,301	50.4	6,780	3,461	51.1	7,087	3,753	52.9	7,105	3,987	56.1

Years of Age	2018			2019			2020			% Change 2014 to 2020
	Total # of Children Served by RCOC	# with Autism	% with Autism	Total # of Children Served by RCOC	# with Autism	% with Autism	Total # of Children Served by RCOC	# with Autism	% with Autism	
3-4	696	428	61.5	732	475	64.9	797	522	65.5	33.4
5-9	2,236	1,438	64.3	2,297	1,558	67.8	2,302	1,622	70.5	33.0
10-14	2,421	1,409	58.2	2,500	1,501	60.0	2,575	1,613	62.6	30.4
15-18	1,889	956	50.6	1,956	1,027	52.5	2,034	1,116	54.9	14.4
Total	7,242	4,231	58.4	7,485	4,561	60.9	7,708	4,873	63.2	25.4

RCOC data as of 8/27/2019.
Note: Point in time data for July 31 in 2013, 2014, 2015, and 2016.
Source: Regional Center of Orange County

Supplemental Tables: Good Health

Indicator: **PHYSICAL ACTIVITY AND NUTRITION**

Percent of 5th, 7th and 9th Grade Students in Healthy Fitness Zone (HFZ) for Aerobic Capacity, 2012/13 to 2018/19

	2012/13	2013/14*	2014/15	2015/16	2016/17	2017/18	2018/19
5th Graders	63	70.2	70.7	69.1	68.3	68.4	65.7
7th Graders	64.4	74.7	73.6	73.8	74.0	72.9	69.8
9th Graders	63	72	71.8	70.4	70.6	70.6	68.1

*Data prior to 2013/14 is not comparable due to differences in reporting methodology.
Source: California Department of Education, DataQuest

Percent of Students in Healthy Fitness Zone for Aerobic Capacity, by Grade and Race/Ethnicity, 2012/13 to 2018/19

Grade and Year	Black	American Indian	Asian	Filipino	Pacific Islander	Hispanic	White	Average
2012/13								
5th Graders	67.6	61.5	75.8	70.5	59.5	59.7	80.9	67.9
7th Graders	72.7	69.0	85.2	76.5	56.0	62.4	82.0	72.0
9th Graders	68.1	65.5	83.4	76.4	55.2	61.1	78.3	69.7
2013/14*								
5th Graders	66.4	70.0	76.1	69.7	61.0	61.5	81.2	69.4
7th Graders	70.5	71.9	86.3	81.2	65.4	65.4	82.9	74.8
9th Graders	70.7	75.9	83.5	77.7	64.9	63.1	78.6	73.5
2014/15								
5th Graders	67.7	57.3	77.5	73.4	60.5	62.2	81.1	68.5
7th Graders	69.2	71.2	84.2	77.7	65.1	64.8	81.9	73.4
9th Graders	69.5	66.1	82.9	76.3	62.5	62.7	79.4	71.3
2015/16								
5th Graders	65.4	54.4	76.2	68.4	56.8	60.4	79.9	66.0
7th Graders	71.7	82.4	85.8	81.9	68.0	64.4	81.1	76.5
9th Graders	67.3	67.0	81.5	77.0	52.6	62.1	77.2	69.2
2016/17								
5th Graders	61.1	53.8	72.9	66.2	45.4	60.0	78.9	62.6
7th Graders	70.2	69.4	84.3	78.6	57.7	65.4	81.6	72.5
9th Graders	62.9	67.0	81.9	76.1	58.1	60.8	79.5	69.5
2017/18								
5th Graders	65.5	54.3	75.7	69.9	54.1	60.3	79.5	65.6
7th Graders	72.2	78.5	84.5	79.0	55.5	62.6	78.5	73.0
9th Graders	64.9	68.5	83.3	77.7	64.2	60.3	74.7	70.5
2018/19								
5th Graders	61.6	65	73.2	71.6	62	56.7	78.4	66.9
7th Graders	64.1	62.8	83.1	79.7	59.4	58.7	76	69.1
9th Graders	59.7	76.2	82.3	75.9	54.8	56.1	73.9	68.4

*Data prior to 2013/14 is not comparable due to differences in reporting methodology.
Source: California Department of Education, DataQuest

Supplemental Tables: Good Health

Percent of 5th Grade Students Classified as Needs Improvement Based on Health Risk for Aerobic Capacity, by Race/Ethnicity, 2012/13 to 2018/19

Race/ Ethnicity	Percent Needs Improvement Health Risk for Aerobic Capacity						
	2012/13	2013/14*	2014/15	2015/16	2016/17	2017/18	2018/19
Hispanic	11.2	9.1	7.7	9.5	9.5	8.8	10.3
Pacific Islander	11.7	7.2	13.6	10.1	16.9	12.3	7.6
Black	5.3	5.6	6.6	6.6	8.1	8.0	4.2
American Indian	6.4	5.6	8.7	9.8	8.7	8.9	3.0
Filipino	5.3	5.0	4.9	5.1	5.9	5.6	2.9
White	3.3	2.7	2.9	3.2	3.0	2.9	6.0
Two or More Races	3.5	2.3	3.7	4.6	2.0	5.2	1.8
Asian	2.7	2.1	2.3	2.6	2.9	2.0	6.4
Orange County	7.2	5.8	5.3	6.3	6.2	6.0	7.2
California	8.4	6.5	6.6	6.8	6.7	6.7	10.3

*Data prior to 2013/14 is not comparable due to differences in reporting methodology.
Source: California Department of Education, DataQuest

Indicator: **OBESITY**

Percent of 5th, 7th and 9th Grade Students in Healthy Fitness Zone (HFZ) for Body Composition, 2012/13 to 2018/19

Grade	2012/13	2013/14*	2014/15	2015/16	2016/17	2017/18	2018/19
5th Graders	56.7	63.4	64.1	64.0	64.2	63.8	63.4
7th Graders	62.1	67.4	66.4	67.1	66.6	66.1	65.1
9th Graders	65.3	70.8	71.2	69.5	69.2	69.4	68.6

*Data prior to 2013/14 is not comparable due to differences in reporting methodology.
Source: California Department of Education, DataQuest

Supplemental Tables: Good Health

Percent of Students Meeting Healthy Fitness Zone (HFZ) Standards for Body Composition, by Grade and Race/Ethnicity, 2012/13 to 2018/19

Grade and Year	Black	American Indian	Asian	Filipino	Pacific Islander	Hispanic	White	Average
2012/13								
5th Graders	56.2	61.5	67.8	60.5	52.9	44.8	69.8	59.1
7th Graders	62.8	59.4	74.6	62.8	42.8	49.8	73.9	60.9
9th Graders	63.5	55.9	77.2	68.8	47.1	56	72.9	63.1
2013/14*								
5th Graders	63.1	66.7	75	65.9	47.4	51.1	76.4	63.7
7th Graders	64.5	71.9	79.7	71.6	50	55.6	79.1	67.5
9th Graders	68.8	74.1	82.1	76.2	58.4	60.7	79.2	71.4
2014/15								
5th Graders	61.7	60.9	75.7	65.2	46.3	52.4	76.5	62.7
7th Graders	62.5	68.5	79.1	71.3	50	55.1	77.8	66.3
9th Graders	69.8	69.9	82.9	72.8	57.8	60.6	80.5	70.6
2015/16								
5th Graders	64.7	56.2	75.2	69.3	41.2	52.6	76.0	62.2
7th Graders	66.0	74.1	79.5	71.5	47.2	55.4	78.2	67.4
9th Graders	68.2	69.0	81.8	75.7	52.6	58.8	79.2	69.3
2016/17								
5th Graders	65.1	53.3	74.2	68.3	43.8	52.1	77.8	62.1
7th Graders	63.8	54.1	78.4	71.6	46.2	54.6	78.3	63.9
9th Graders	64	69.6	80.8	74.3	49	58	79.7	67.9
2017/18								
5th Graders	68.1	53.2	77.3	65.9	44.3	52.1	75.9	62.4
7th Graders	54.2	72.2	79.2	72.9	45.9	55.3	72.3	64.6
9th Graders	62.1	76.4	83.6	73.2	58.9	58.8	72.9	69.4
2018/19								
5th Graders	69.2	68.3	75.4	71.3	55.5	51.5	77.3	66.9
7th Graders	54.8	55.3	79.3	73.4	46.5	53.9	71.3	62.1
9th Graders	57.3	75	82.3	7.4	46.0	57.6	74	57.1

*Data prior to 2013/14 is not comparable due to differences in reporting methodology.
Source: California Department of Education, DataQuest

Supplemental Tables: Good Health

Percent of 5th Grade Students Classified as Needs Improvement Based on Health Risk for Body Composition, by Race/Ethnicity, 2012/13 to 2018/19

Percent Needs Improvement Based on Health Risk for Body Composition

Race/Ethnicity	2012/13	2013/14*	2014/15	2015/16	2016/17	2017/18	2018/19
Pacific Islander	39.9	28.6	39.4	33.8	36.2	38.5	27.0
Hispanic	41.7	27.3	26.2	26.7	26.8	26.8	27.2
Black	30.7	17.9	15.3	19.1	17.3	18.1	12.8
American Indian	30.2	16.6	16.0	25.4	28.2	28.0	13.4
Filipino	26.5	16	17.1	12.7	13.3	14.7	16.6
Two or More Races	22.5	9.9	11.4	12.9	7.3	12.1	11.4
White	18.4	9.3	9.4	9.4	8.5	0.0	8.5
Asian	19.5	8.6	8.5	9.3	9.7	8.0	7.9
Orange County	30.5	18.3	17.7	18.1	18.0	18.4	18.3
California	33.7	21	20.9	20.7	21.5	21.3	21.9

*Data prior to 2013/14 is not comparable due to differences in reporting methodology.
Source: California Department of Education, DataQuest

Supplemental Tables: Good Health

Indicator: TEEN BIRTHS

Definition Teen births are tracked utilizing two indicators. The first indicator is the percent of total annual births occurring among females ages 19 years and under. The second indicator is the teen birth rate, which is a calculation of annual teen births per 1,000 females ages 15 to 19 years.

Birth Rate per 1,000 Females Aged 15-19 Years in Orange County, California and United States, 2009 to 2018

Area	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Orange County	25.3	22.5	20.2	19.2	16.7	14.8	12.0	10.9	9.9	8.3
California	35.4	31.6	28.3	26.2	23.2	21.1	19.0	15.7	15.1	13.6
United States	39.1	34.2	31.3	29.4	26.5	24.2	22.3	20.3	18.8	17.4

Source: Orange County Health Care Agency.

Source California: State of California, Health Information and Research Section.

Source United States: National vital statistics reports: National Center for Health Statistics.

Population Source 2006-2009: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2010. Sacramento, CA, September 2012.

Population Source 2010-2018: State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, California, January 2019.

Percent of Teen Births (19 and Under) of Total Births in Orange County, 2009 to 2018

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
6.8%	6.6%	5.8%	5.5%	4.8%	4.1%	3.7%	3.2%	2.9%	2.6%

Source: Orange County Health Care Agency.

Number and Birth Rates, by Age of Mother (19 Years and Under) per 1,000 Females, 2009 to 2018

Age of Mother	2009		2010		2011		2012		2013	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 Years	34	0.3	36	0.4	34	0.3	25	0.2	18	0.2
15-17 Years	902	13.8	806	12.3	730	11.3	624	9.8	500	8.0
18-19 Years	1,828	42.7	1,673	37.6	1,485	33.1	1,454	32.6	1,283	29.2

Age of Mother	2014		2015		2016		2017		2018	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 Years	11	0.2	17	0.3	9	0.2	12	0.2	8	0.1
15-17 Years	457	7.3	372	5.8	339	8.9	298	4.7	234	3.8
18-19 Years	1,102	25.5	987	20.3	872	22.9	792	16.8	693	13.6

Notes: Birth rates for females <15 are based on a per 1,000 females 12-14 years of age, as there were no births to females younger than 12 years of age.

Population Source 2006-2009: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2010. Sacramento, CA, September 2012.

Population Source 2010-2018: State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, California, January 2019. Source: County of Orange Health Care Agency.

Birth Rate per 1,000 Female Teen Population 15-19 Years of Age, by Race/Ethnicity, 2009 to 2018

RACE/ETHNICITY	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Asian	3.3	2.6	1.8	2.2	2.0	1.2	1.6	0.9	0.9	0.8
Black	18.9	13.9	12.6	11.6	10.1	14.8	9.0	16.3	12.0	8.2
Hispanic	51.4	45.4	39.6	36.8	31.0	26.9	23.7	21.0	18.8	15.9
White	6.7	6.9	4.9	4.2	3.9	4.3	3.5	2.9	2.7	2.1

Population Source 2006-2009: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2010. Sacramento, CA, September 2012.

Population Source 2010-2018: State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, California, January 2019. Source: Orange County Health Care Agency.

Supplemental Tables: Good Health

Percent of Population, Total Births and Births to Teens (19 and Under), by Race/Ethnicity, 2009 to 2018

RACE/ ETHNICITY	PERCENT OF POPULATION*	PERCENT OF TOTAL BIRTHS BY YEAR									
		2018	2009	2010	2011	2012	2013	2014	2015	2016	2017
Asian	21.1	16.8	16.4	17.1	19.5	20.0	23.4	23.1	25.4	27.0	27.1
Black	1.7	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2
Hispanic	35.0	50.3	49.5	48.2	46.5	45.9	42.6	42.8	40.8	39.2	39.2
White	40.7	29.9	31.1	30.1	29.3	31.1	30.7	30.8	32.0	28.2	28.0

RACE/ ETHNICITY	PERCENT OF POPULATION*	PERCENT OF TEEN BIRTHS BY YEAR									
		2018	2009	2010	2011	2012	2013	2014	2015	2016	2017
Asian	18.7	1.9	1.8	1.4	1.9	2.5	1.4	2.2	1.4	1.5	1.5
Black	1.3	1.2	1.0	1.0	1.0	0.9	1.6	1.1	2.5	1.8	1.8
Hispanic	45.3	85.3	85.3	86.4	87.4	86.8	85.4	86.1	85.7	84.3	84.3
White	32.0	9.7	10.5	8.8	8.0	8.6	10.6	9.7	10.3	8.7	8.7

*Percent of total female population age 12-19 using: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2010. Sacramento, CA, September 2012. Population Source 2010-2018: State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, California, January 2019. Due to rounding, totals may not add up to 100. The total does not include all races/ethnicity. Source Orange County Health Care Agency

Supplemental Tables: Good Health

Number of Teen Births and Teen Birth Rates* per 1,000 females 15-19 years of age, by Age and Race/Ethnicity, 2009 to 2018

Age of Mother	Total	Rate	Non-Hispanic White	Black	Hispanic	Asian	Other
2009							
< 15 Years	34	0.3	0	0	33	1	0
15-17 Years	902	13.8	63	9	806	13	11
18-19 Years	1,828	42.7	202	25	1,522	40	39
Total Teen Births	2,764		265	34	2,361	54	50
Teen Birth Rate	25.3		6.7	18.9	51.4	3.3	N/A
2010							
< 15 Years	36	0.4	3	1	31	1	0
15-17 Years	806	12.3	54	2	730	13	7
18-19 Years	1,673	37.6	207	21	1,384	31	30
Total Teen Births	2,515		264	24	2,145	45	37
Teen Birth Rate	22.5		6.8	13.3	44.3	2.5	N/A
2011							
< 15 Years	34	0.3	1	0	33	0	0
15-17 Years	730	11.3	52	8	642	9	13
18-19 Years	1,485	33.1	142	14	1,272	23	25
Total Teen Births	2,249		195	22	1,947	32	38
Teen Birth Rate	20.2		5.1	13.5	40.0	1.8	N/A
2012							
< 15 Years	25	0.2	1	0	24	0	0
15-17 Years	624	9.8	32	6	572	8	5
18-19 Years	1,454	32.6	135	14	1,241	32	25
Total Teen Births	2,103		168	20	1,837	40	30
Teen Birth Rate	19.2		4.5	12.9	38.1	2.3	N/A
2013							
< 15 Years	18	0.2	1	0	17	0	0
15-17 Years	500	8.0	24	6	462	4	4
18-19 Years	1,283	29.2	130	11	1,085	33	24
Total Teen Births	1,783		154	17	1,547	37	24
Teen Birth Rate	16.7		4.2	11.4	32.8	2.2	N/A
2014							
< 15 Years	11	0.2	0	0	11	0	0
15-17 Years	457	7.3	32	13	401	4	7
18-19 Years	1102	25.5	135	12	929	18	8
Total Teen Births	1,570	4.7	167	25	1341	22	15
Teen Birth Rate	14.8		17.4	28.6	1.3	N/A	
2015							
< 15 Years	17	0.3	1	0	16	0	0
15-17 Years	372	5.8	28	5	332	3	4
18-19 Years	987	20.3	105	10	837	27	8
Total Teen Births	1,376		134	15	1,185	30	12
Teen Birth Rate	12.0		3.5	9.0	23.7	1.6	N/A
2016							
< 15 Years	9	0.4	1	0	8	0	0
15-17 Years	339	5.2	20	7	308	4	0
18-19 Years	872	18.3	100	20	738	13	1
Total Teen Births	1,220		121	27	1,054	17	1
Teen Birth Rate	10.9		2.9	16.3	21.1	0.9	N/A
2017							
< 15 Years	12	0.2	1	3	8	0	0
15-17 Years	298	4.7	20	6	264	2	6
18-19 Years	792	16.8	75	11	657	15	34
Total Teen Births	1,102		96	20	929	17	40
Teen Birth Rate	9.9		1.8	8.1	11.9	0.6	N/A
2018							
< 15 Years	8	0.2	2	0	6	0	0
15-17 Years	234	3.8	18	4	204	2	6
18-19 Years	693	13.6	57	9	581	16	30
Total Teen Births	935		77	13	791	18	36
Teen Birth Rate	8.3		2.1	8.2	15.9	.8	N/A

*Teen birth rate is expressed per 1,000 females 15-19 years of age. Population Source 2003-2009: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2010. Sacramento, CA, September 2012. Population Source 2010-2018: State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, California, January 2019. Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Number of Live Births, by Mothers Age 15 to 19 and Birth Rate per 1,000 Females, by City of Residence, 2014 to 2018

	Female Age Population Age 15-19	2014	2015	2016	2017	2018	Rates per 1,000 Females 15-19
Aliso Viejo	1,666	7	6	7	5	2	1.2
Anaheim	12,629	342	308	259	232	195	15.4
Brea	1,436	8	12	6	5	6	4.2
Buena Park	2,146	63	55	37	39	28	13
Costa Mesa	2,913	51	46	52	39	32	11
Coto de Caza CDP	635	0	1	0	0	0	0
Cypress	1,815	8	9	6	5	6	3.3
Dana Point	690	6	7	12	7	1	1.4
Fountain Valley	1,731	10	13	5	6	5	2.9
Fullerton	4,768	87	75	67	56	42	8.8
Garden Grove	5,493	100	89	81	69	53	9.6
Huntington Beach	5,205	35	26	30	26	27	5.2
Irvine	11,277	13	10	12	14	7	0.6
La Habra	1,825	45	36	34	41	24	13.2
La Palma	459	3	1	1	1	2	4.4
Ladera Ranch CDP	819	3	2	0	0	1	1.2
Laguna Beach	662	2	0	0	0	1	1.5
Laguna Hills	935	6	6	5	6	13	13.9
Laguna Niguel	2,113	11	12	7	5	7	3.3
Lake Forest	2,338	22	14	20	13	11	4.7
Los Alamitos	357	0	2	2	1	2	5.6
Midway CDP	392	4	3	5	3	7	17.9
Mission Viejo	2,610	16	8	10	7	15	5.7
Newport Beach	1,998	4	4	0	3	1	0.5
Orange	4,258	76	75	67	52	61	14.3
Placentia	1,578	29	26	18	13	18	11.4
Rancho Santa Margarita	1,607	9	9	6	11	1	0.6
San Clemente	1,931	28	19	19	23	23	11.9
San Juan Capistrano	1,263	20	21	17	16	11	8.7
Santa Ana	10,387	432	361	346	337	262	25.2
Seal Beach	345	1	1	0	1	1	2.9
Stanton	1,393	23	23	13	16	13	9.3
Trabuco Canyon	N/A	N/A	N/A	2	1	2	N/A
Tustin	2,265	31	24	39	21	29	12.8
Villa Park	210	0	1	0	0	0	0
Westminster	2,044	35	30	22	21	19	9.3
Yorba Linda	2,161	8	8	3	7	4	1.9
Orange County Total	112,306	1,559	1,376	1,220	1,102	935	8.3

*Population source: U.S. Census Bureau, 2014-2018 American Community Survey 5-Year Estimates, Sex by Age.
Source: State of California, Center for Health Statistics, Birth Records.
Prepared by: Orange County Health Care Agency

Supplemental Tables: Good Health

Secondary Indicator: **SEXUALLY TRANSMITTED DISEASES**

Definition

This indicator tracks the number of cases and annual case rates per 100,000 population of reportable sexually transmitted diseases (STDs) including chlamydia, gonorrhea, syphilis, and HIV/AIDS in children 10 to 17 years of age.

Number and STD Case Rates Per 100,000 Youth 10-17 Years Old, by Type of Disease, 2009 to 2018

Type of STD**	2009		2010 ¹		2011 ¹		2012 ¹		2013 ¹	
	Number	Rate*	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia	748	217.8	670	195.1	724	210.5	675	196.5	563	164.1
Gonorrhea	25	7.3	38	11.1	35	10.2	49	14.3	56	16.3
Syphilis	2	0.6*	2	0.6*	1	0.3*	2	0.6*	9	2.6
HIV/AIDS	5	1.5*	1	0.3*	4	1.2*	1	0.3*	2	0.6*
Population	343,481		343,500		344,000		343,603		343,178	

Type of STD**	2014 ¹		2015 ¹		2016 ¹		2017 ¹		2018 ¹	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia	621	182.0	648	190.9	696	205.2	697	206.0	669	198.3
Gonorrhea	72	21.1	67	19.7	95	28.0	111	32.8	110	32.6
Syphilis	14	4.1	9	2.7	3	0.9*	0	0.0	3	0.9*
HIV/AIDS	3	0.9*	3	0.9*	4	1.2*	1	0.3*	5	1.2*
Population	341,124		339,457		339,123		338,422		337,336	

* Rates per 100,000 population; rates based on less than five events are unstable, and therefore should be interpreted with caution.

**Does not include congenital cases resulting from mother to child transmission.

¹The rates before 2010 are calculated using the following population source: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2050. Sacramento, California, July 2007. The rates since 2010 are calculated using the following population source: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, May 2019.

Note: Recently the CA Department of Finance provided updated population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, December 2014. Rates for years 2010-2013 have been adjusted accordingly and may differ to from rates computed in previous reports.

Source: Orange County Health Care Agency, Public Health Services, May 2019

Supplemental Tables: Good Health

Number of STD's Among Youth 10-17 Years of Age, by Gender and Type of Disease, 2010 to 2019

Type of STD*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Chlamydia										
Male	121	162	134	129	136	123	155	159	134	140
Female	548	561	540	434	485	522	539	535	527	520
Unknown	1	1	1	0	0	3	2	3	8	7
Total	670	724	675	563	621	648	696	697	669	667
Gonorrhea										
Male	12	13	15	20	27	23	32	43	33	33
Female	25	22	33	36	44	44	63	67	77	62
Unknown	1	0	1	0	1	0	0	1	0	0
Total	38	35	49	56	72	67	95	111	110	95
Syphilis										
Male	0	0	2	6	10	7	2	0	2	12
Female	2	1	0	3	4	2	1	0	1	5
Unknown	0	0	0	0	0	0	0	0	0	0
Total	2	1	2	9	14	9	3	0	3	17
HIV/AIDS										
Male	0	3	0	2	3	3	4	1	3	0
Female	0	1	1	0	0	0	0	0	1	0
Unknown	1	0	0	0	0	0	0	0	0	0
Total	1	4	1	2	3	3	4	1	4	0

*Does not include congenital cases resulting from mother to child transmission.
Source: Orange County Health Care Agency, Public Health Services, May 2019.

Supplemental Tables: Good Health

Number and STD Case Rates* per 100,000 Youth, By Age Group and Type of Disease, 2010 to 2019

Type of STD**	2010 ¹		2011 ¹		2012 ¹		2013 ¹		2014 ¹	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia										
10-14 years	27	12.8	50	23.8	29	13.9	25	12.0	27	12.9
15-17 years	643	483.2	674	503.4	646	480.4	538	401.3	594	447.2
Gonorrhea										
10-14 years	1	0.5*	2	1.0*	2	1.0*	2	1.0*	4	1.9*
15-17 years	37	27.8	33	24.6	47	34.9	54	40.3	68	51.2
Syphilis										
10-14 years	0	0.0	0	0.0	0	0.0	1	0.5*	0	0.0
15-17 years	2	1.5*	1	0.7*	2	1.5*	8	6.0	14	10.5
HIV/AIDS										
10-14 years	0	0.0	0	0.0	1	0.5*	0	0.0	0	0.0
15-17 years	1	0.8*	4	3.0*	0	0.0	2	1.5*	3	2.3*
10-14 Total Cases	28	13.3	52	24.7	32	15.3	28	13.4	31	14.9
15-17 Total Cases	683	513.2	712	531.8	695	516.8	602	449.0	679	511.2
10 - 17 Total Cases	711	206.7	764	221.9	727	211.6	630	183.6	710	208.0

Type of STD**	2015 ¹		2016 ¹		2017 ¹		2018 ¹		2019 ¹	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia										
10-14 years	23	11.1	35	16.9	35	16.8	29	13.9	45	22.0
15-17 years	625	473.3	661	499.1	662	505.0	640	493.3	622	502.4
Gonorrhea										
10-14 years	6	2.9	7	3.4	9	4.3	11	5.3	3	1.5
15-17 years	61	46.2	88	66.4	102	77.8	99	76.3	92	74.3
Syphilis										
10-14 years	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5
15-17 years	9	6.8	3	2.3*	0	0.0	3	2.3*	16	12.9
HIV/AIDS										
10-14 years	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17 years	3	2.3*	4	3.0*	1	0.8*	4	3.1*	0	0.0
10-14 years Total Cases	29	14.0	42	20.3	44	21.1	40	19.1	49	23.9
15-17 years Total Cases	698	528.6	756	570.8	765	583.6	746	575.0	730	589.6
10 - 17 Total Cases	727	214.0	798	235.2	809	238.3	786	231.8	779	237.1

* Rates per 100,000 population; rates based on less than five events are unstable, and therefore should be interpreted with caution.

**Does not include congenital cases resulting from mother to child transmission.

¹The rates before 2010 are calculated using the following population source: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2050. Sacramento, California, July 2007. The rates since 2010 are calculated using the following population source: State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, January 2018.

Note: Recently the CA Department of Finance provided updated population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, February 2017. Rates for years 2010-2015 have been adjusted accordingly and may differ to from rates computed in previous reports.

Source: Orange County Health Care Agency, Public Health Services, May 2019

Supplemental Tables: Good Health

Indicator: **BEHAVIORAL HEALTH**

Number of Children and Young Adults through Age 25 Served by Children and Youth Behavioral Health, 2009/10 to 2018/19

Outpatient (Visit)	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Number of Children and Young Adults	13,006	14,431	14,918	14,830	15,257	15,029	14,624	15,019	16,293	16,205

Note: Outpatient care offers treatment for individuals suffering from mental health and addictive disorders, and allows patients to attend treatment services during the day and return home to be with family or friends in the evenings. Unlike inpatient care, individuals in outpatient programs do not have a secure environment to isolate them from negative or triggering factors. Therefore, patients in treatment for substance use disorders must voluntarily abstain from drug or alcohol use when they return home each day.

Source: Orange County Health Care Agency/Children and Youth Behavioral Health

Number of Clients Served by Children and Youth Behavioral Health, by Race/Ethnicity, 2009/10 to 2018/19

Race/Ethnicity	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	Percent Change
White	3,463	3,534	3,616	3,648	3,570	2,876	2,670	2,482	2,643	2,709	-21.8%
Black	651	693	702	641	626	514	511	537	544	553	-15.0%
Hispanic	7,504	8,690	9,099	9,217	9,599	10,422	10,177	10,599	11,494	11,237	49.7%
Asian	682	785	700	696	859	778	816	878	1,001	1,072	57.2%
American Indian	162	145	124	80	58	41	36	38	36	29	-82.1%
Other/Unknown	544	584	677	548	545	218	196	201	575	249	-54.2%
Total	13,006	14,431	14,918	14,830	15,257	15,029	14,624	15,019	16,293	16,221	-24.7%

Source: Orange County Health Care Agency/Children and Youth Behavioral Health

Number of Services, by Type of Outpatient Program, 2009/10 to 2018/19

Outpatient (Visit)	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Special Education (Community Based)	55,881	37,435	25,335	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Wards & Dependents	120,002	115,999	109,580	97,334	87,439	81,483	79,419	81,396	94,750	107,232
Other (Community-Based)	256,496	306,331	281,450	294,615	309,259	305,374	287,804	299,878	338,652	332,714
Total	432,379	459,765	416,365	391,949	396,698	387,064	367,429	381,404	433,483	440,028

Note: Since FY04/05 visit count adjusted to exclude clinical documentation activities. Data is no longer available in 2012/13 because state legislation moved the responsibility of providing mental health services for special education students to school districts during 2011/12.

Source: Orange County Health Care Agency, Children and Youth Behavioral Health

Number of Bed Days, by Type of Inpatient Placements, 2009/10 to 2018/19

Inpatient	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
State Hospital	0	0	0	0	0	0	0	0	0	0
Acute Hospital (Unfunded)	386	547	440	637	560	299	245	230	175	223
Acute Hospital (Medi-Cal)	3,016	3,164	3,049	3,857	5,529	4,364	5,471	6,904	6,188	10,556
Residential Placement (Sp Ed)	49,503	41,677	27,654	17,513	10,323	4,451	4,680	5,645	5,237	4,452
Total	52,905	45,388	31,143	22,007	16,412	9,114	10,396	12,779	11,600	15,230

*The data provided is for children and adults through the age of 25.

Source: Orange County Health Care Agency/Children and Youth Behavioral Health

Supplemental Tables: Good Health

Secondary Indicator: **SUBSTANCE USE SERVICES**

Definition

This indicator tracks the number and percent of adolescents receiving substance use services provided by the Orange County Health Care Agency's (HCA) Behavioral Health Services. This indicator reflects the trend of adolescent utilization of services provided by ADAS and its contract providers rather than the absolute number of adolescents needing services or using alcohol or other drugs in Orange County.

Number of Children and Young Adults through Age 25 Served by Children and Youth Behavioral Health, 2009/10 to 2018/19

Year	Outpatient	Residential	Total
2009/10			
Number	156	56	212
Percent	73.6%	26.4%	100%
2010/11			
Number	256	323	579 ¹
Percent	44.2%	55.8%	100%
2011/12			
Number	183	288	471 ²
Percent	38.9%	61.1%	100%
2012/13			
Number	245	95	340 ³
Percent	72.0%	28.0%	100%
2013/14			
Number	219	62	281
Percent	78.0%	22.0%	100%
2014/15			
Number	178	57	235
Percent	76.0%	24.0%	100%
2015/16			
Number	201	61	262
Percent	77.0%	23.0%	100%
2016/17			
Number	197	86	283
Percent	70.0%	30.0%	100%
2017/18			
Number	206	70	276
Percent	74.6%	25.4%	100%
2018/19			
Number	183	68	251
Percent	73%	27%	100%

1. Total does not include 215 adolescents counted from Youth Guidance Center
 2. Total does not include 198 adolescents counted from Youth Guidance Center
 3. Total does not include 28 adolescents counted from Youth Guidance Center
 Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Substance Use Services: Number and Percent, by Discharge Status, 2009/10 to 2018/19

Year	Completed Treatment	Left with Satisfactory Progress	Left with Unsatisfactory Progress	Referred/ Transferred	Total
2009/10					
Number	53	27	102	65	247
Percent	21.5%	10.9%	41.3%	26.3%	100%
2010/11					
Number	104	68	106	111	389
Percent	26.7%	17.5%	27.2%	28.5%	100%
2011/12					
Number	72	89	212	122	495
Percent	14.5%	18.0%	42.8%	24.6%	100%
2012/13*					
Number	49	42	186	72	349
Percent	14.0%	12.0%	53.3%	20.6%	100%
2013/14					
Number	37	19	147	32	235
Percent	15.7%	8.1%	62.6%	13.6%	100%
2014/15					
Number	18	21	125	40	204
Percent	8.8%	10.3%	61.3%	19.6%	100%
2015/16					
Number	7	50	191	116	364
Percent	1.9%	13.7%	52.5%	31.9%	100%
2016/17					
Number	10	21	145	44	220
Percent	4.5%	9.5%	65.9%	20.0%	100%
2017/18					
Number	8	48	131	23	187
Percent	4.3%	25.7%	70.1%	12.3%	100%
2018/19					
Number	19	15	108	46	142
Percent	13%	11%	76%	32%	100%

*Total does not include adolescents who received specialized education, prevention, linkage and referral services in connection with the Probation Department and/or the Youth Guidance Center.
Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Number and Percent of Adolescents Receiving Substance Use Services, by Drug of Choice and Age, 2009/10 to 2018/19

Year	Age	Alcohol	Metham- phetamine	Cocaine	Marijuana	PCP/ Hallucinogen	Heroin	Other*	Total
2009/10	Under 13	0	0	0	2	0	0	0	2
	13-14 years	5	5	0	34	0	0	7	51
	15-17 years	28	33	1	150	0	13	16	241
	Total	33	38	1	186	0	13	23	294
	Percent	11.20%	12.90%	0.30%	63.20%	0%	4.40%	7.80%	100%
2010/11	Under 13	0	0	0	2	0	0	0	2
	13-14 years	7	4	1	48	3	2	2	67
	15-17 years	28	38	4	186	17	33	6	312
	Total	35	42	5	236	20	35	6	381
	Percent	9.20%	11%	1.30%	61.90%	5.20%	9.20%	1.60%	100%
2011/12	Under 13 years	0	0	0	1	0	0	0	1
	13-14 years	5	3	0	25	0	0	2	35
	15-17 years	26	46	4	178	0	27	16	297
	Total	31	49	4	204	0	27	18	333
	Percent	9.30%	14.70%	1.20%	61.20%	0	8.10%	5.40%	100%
2012/13	Under 13 years	0	1	0	6	0	0	0	7
	13-14 years	8	8	0	36	0	3	1	56
	15-17 years	20	61	4	164	0	23	5	277
	Total	28	70	4	206	0	26	6	340
	Percent	8.20%	20.60%	1.20%	60.60%	0%	7.60%	1.80%	100%
2013/14	Under 13 years	0	0	0	0	0	0	0	0
	13-14 years	1	1	0	17	0	0	0	19
	15-17 years	21	50	0	178	0	8	5	262
	Total	22	51	0	195	0	8	5	281
	Percent	8%	18%	0%	69%	0%	3%	2%	100%
2014/15	Under 13 years	0	0	0	0	0	0	0	0
	13-14 years	1	1	0	13	0	0	0	15
	15-17 years	12	39	1	158	1	3	6	220
	Total	13	40	1	171	1	3	6	235
	Percent	6%	17%	0%	73%	0%	1%	3%	100%
2015/16	Under 13 years	0	0	0	1	0	0	0	1
	13-14 years	1	3	0	23	0	0	0	27
	15-17 years	14	44	1	165	0	4	6	234
	Total	15	47	1	189	0	4	6	262
	Percent	6%	18%	0%	72%	0%	2%	2%	100%
2016/17	Under 13 years	0	0	0	0	0	0	0	0
	13-14 years	1	3	0	18	0	0	1	23
	15-17 years	20	60	3	166	0	1	10	260
	Total	21	63	3	184	0	1	11	283
	Percent	7%	22%	1%	65%	0%	0%	4%	100%
2017/18	Under 13 years	0	0	0	0	0	0	0	0
	13-14 years	0	1	1	19	0	0	0	21
	15-17 years	11	48	7	177	0	0	12	255
	Total	11	40	8	196	0	0	12	276
	Percent	4.0%	17.8%	2.9%	71.0%	0%	0%	4.3%	100%
2018/19	Under 13 years	0	0	0	1	0	0	0	1
	13-14 years	2	0	1	20	0	0	2	25
	15-17 years	15	22	4	175	0	2	7	225
	Total	17	22	5	196	0	2	9	251
	Percent	7%	9%	2%	78%	0%	1%	4%	100%

*Includes inhalants, amphetamines, sedatives, stimulants, and over the counter drugs guidance Center;
Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Number and Percent of Adolescents Receiving Substance Use Treatment, by Race/Ethnicity and Gender, 2009/10 to 2018/19

Year	Gender	Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian	Other	
2009/10	Male	56	132	3	1	3	11	206
	Female	23	58	1	1	3	2	88
	Total	79	190	4	2	6	13	294
	Percent	26.8%	64.6%	1.3%	0.6%	2.0%	4.4%	100%
2010/11	Male	110	133	7	0	10	3	263
	Female	52	59	2	0	5	0	118
	Total	162	192	9	0	15	3	381
	Percent	42.5%	50.4%	2.4%	0.0%	3.9%	0.1%	100%
2011/12	Male	152	141	4	4	6	69	235
	Female	61	50	2	0	3	32	98
	Total	213	191	6	4	9	101	333
	Percent	40.6%	36.5%	1.1%	0.8%	1.7%	19.3%	100%
2012/13*	Male	87	171	2	0	6	141	236
	Female	52	69	1	1	3	47	104
	Total	139	240	3	1	9	188	340
	Percent	24.0%	41.4%	0.5%	0.2%	1.6%	32.4%	100%
2013/14*	Male	78	142	5	4	5	100	334
	Female	44	59	3	0	1	41	148
	Total	122	201	8	4	6	141	281
	Percent	25.3%	41.7%	1.7%	0.8%	1.2%	29.3%	100%
2014/15	Male	65	121	7	1	4	83	281
	Female	38	56	2	0	0	35	131
	Total	103	177	9	1	4	118	235
	Percent	25.0%	43.0%	2.2%	0.2%	1.0%	28.6%	100%
2015/16	Male	51	138	5	0	6	114	314
	Female	34	62	1	1	2	48	148
	Total	85	200	6	1	8	162	262
	Percent	18.4%	43.3%	1.3%	0.2%	1.7%	35.1%	100%
2016/17	Male	48	150	5	1	4	130	338
	Female	18	80	2	0	1	74	175
	Total	66	230	7	1	5	204	513
	Percent	12.9%	44.8%	1.4%	0.2%	1.0%	39.8%	100%
2017/18	Male	35	126	1	0	2	138	302
	Female	17	12	0	0	1	82	112
	Total	52	138	1	0	3	220	414
	Percent	12.6	33.3%	0.2%	0.0%	0.7%	53.1%	100%
2018/19	Male	71	149	2	2	4	97	325
	Female	30	59	0	2	1	41	133
	Total	101	208	2	4	5	138	458
	Percent	22%	45%	0%	1%	1%	30%	100%

*Hispanic or Latino were not excluded from other races and therefore the data cannot be compared to prior years. Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Number and Percent of Referrals to Substance Use Treatment, by Source, 2009/10 to 2018/19

	Year	School	Family/ Self	Legal System	Health Care Programs	Other Community Referral	Total
2009/10	Number	11	137	102	1	43	294
	Percent	3.7%	46.6%	34.7%	0.3%	14.6%	100%
2010/11	Number	17	146	153	10	55	381
	Percent	4.5%	38.3%	40.2%	2.6%	14.4%	100%
2011/12*	Number	14	136	112	16	55	333
	Percent	4.2%	40.8%	33.6%	4.8%	16.5%	100%
2012/13*	Number	31	104	137	37	15	324
	Percent	10%	32%	42%	11%	5%	100%
2013/14*	Number	19	64	124	22	52	281
	Percent	7%	23%	44%	8%	19%	100%
2014/15	Number	9	77	95	9	45	235
	Percent	4%	33%	40%	4%	19%	100%
2015/16	Number	9	81	80	18	74	262
	Percent	3%	31%	31%	7%	28%	100%
2016/17	Number	14	63	128	10	68	283
	Percent	5%	22%	45%	4%	24%	100%
2017/18	Number	12	60	146	13	45	276
	Percent	4.3%	21.7%	52.9%	4.7%	16.3%	100%
2018/19	Number	18	54	90	45	44	251
	Percent	7%	22%	36%	18%	18%	100%

*Total does not include youth who received specialized education, prevention, linkage & referral services in connection with the Probation Department and/or the Youth Guidance Center

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Secondary Indicator: CHILDHOOD LEAD POISONING

Number of Individual Children Ages 0-20 Years with Elevated Blood Lead Levels (4.5mcg/dL or higher), 2009 to 2018

Year	2009 ¹	2010 ¹	2011 ¹	2012 ¹	2013 ¹	2014 ¹	2015 ¹	2016 ²	2017 ²	2018 ²
Individual children ages 0-5 years of age with BLL above reference value of ≥ 4.5 mcg/dL	1,597	1,186	1,207	963	720	549	465	652	615	452
Individual children ages 6-20 years of age with BLL above reference value of ≥ 4.5 mcg/dL	320	285	312	202	135	240	72	113	72	28
Total individual children with BLL above reference value of ≥ 4.5 mcg/dL	1,917	1,471	1,519	1,165	855	789	537	765	687	480

¹ Source: California Department of Public Health, Childhood Lead Poisoning Prevention Branch (CLPPB) data – published data on CLPPB's website as of 7/2018

² Provisional data subject to revision (numbers from State's Data Compact Disc counted by Orange County Childhood Lead Poisoning Prevention Program)

ECONOMIC WELL-BEING INDICATORS



Supplemental Tables: Economic Wellbeing

Indicator: CHILD POVERTY

Percent of Children Under 18 Years Old, Living in Poverty, and Families Living in Poverty, Orange County and California, 2009 to 2018

Year	<18 Living in Poverty (%)	Families in Poverty (%)
2009		
Orange County	15.2	6.7
California	19.9	9.8
2010		
Orange County	12.2	7.1
California	15.8	10.2
2011		
Orange County	17.7	7.6
California	22.8	10.8
2012		
Orange County	16.0	8.3
California	21.3	11.5
2013		
Orange County	16.9	8.8
California	22.1	12.0
2014		
Orange County	17.6	9.2
California	22.7	12.3
2015		
Orange County	17.6	9.1
California	22.5	12.2
2016		
Orange County	16.9	8.7
California	21.9	11.8
2017		
Orange County	16.4	8.4
California	20.8	11.1
2018		
Orange County	15.2	7.9
California	17.4	10.4

Source: U.S. Census Bureau, American Community Survey, five year estimates.

Supplemental Tables: Economic Wellbeing

Number and Percent of Students Eligible to Receive Free and Reduced-Price Lunch, by District, 2018/19

Elementary Districts	No.	%
Anaheim Elementary	14,107	83.4
Buena Park	3,255	72.9
Centralia	2,480	58.8
Cypress Elementary	1,277	33.5
Fountain Valley Elementary	1,523	24.1
Fullerton Elementary	6,183	48.1
Huntington Beach City Elementary	1,327	19.7
La Habra City	3,529	75.6
Magnolia	4,684	82.5
Ocean View	4,169	54.0
Savanna	1,466	70.0
Westminster	6,517	72.1
High School Districts	No.	%
Anaheim Union High	21,108	70.8
Fullerton Joint Union High	6,763	49.6
Huntington Beach Union High	5,675	35.7
Unified Districts	No.	%
Brea-Olinda Unified	1,886	31.0
Capistrano Unified	14,264	27.0
Garden Grove Unified	29,396	71.0
Irvine Unified	6,782	18.7
Laguna Beach Unified	308	11.0
Los Alamitos Unified	1,701	17.5
Newport-Mesa Unified	8,179	40.5
Orange Unified	12,322	45.2
Placentia-Yorba Linda Unified	9,245	36.7
Saddleback Valley Unified	7,938	30.2
Santa Ana Unified	40,514	80.8
Tustin Unified	9,607	40.8
County Totals	226,205	48.6

Source: Orange County Department of Education

Indicator: CALIFORNIA WORK OPPORTUNITY & RESPONSIBILITY TO KIDS (CALWORKS)

Number of Children Receiving Financial Assistance Countywide, 2009/10 to 2018/19

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Receiving CalWORKs	42,793	46,809	45,950	43,916	42,877	42,345	38,982	34,485	30,816	26,545

Note: Average monthly number of OC children receiving CalWORKs by Fiscal Year.
Source: County of Orange Social Services Agency

Supplemental Tables: Economic Wellbeing

CalWORKs Recipients: Children by Age and City, January 2020

City	Age <1	1	2	3	4	5	6	7	8
Aliso Viejo	2	8	1	8	2	4	3	5	5
Anaheim	199	310	282	272	317	342	314	328	314
Brea	5	6	7	6	5	11	5	10	10
Buena Park	31	43	54	54	51	46	48	39	50
Costa Mesa	14	28	37	29	30	32	29	38	23
Cypress	17	28	22	38	38	39	29	36	26
Dana Point	3	3	2	4	11	8	5	4	4
Fountain Valley	6	10	13	9	8	9	9	8	16
Fullerton	34	44	54	46	67	55	57	66	57
Garden Grove	64	87	91	92	90	94	98	104	90
Huntington Beach	35	35	48	48	45	53	55	41	48
Irvine	14	28	29	25	27	26	27	34	24
La Habra	18	31	32	30	25	26	30	34	34
La Palma	1	1	6	2	4	2	2	7	5
Laguna Beach	0	0	0	0	0	1	0	2	1
Laguna Hills	13	12	9	14	6	9	11	13	13
Laguna Niguel	4	11	4	16	14	14	9	9	11
Laguna Woods*	1	0	0	0	0	1	0	1	1
Lake Forest	9	17	13	16	19	15	21	19	15
Los Alamitos	0	0	3	1	4	6	4	2	2
Mission Viejo	6	6	5	11	14	11	10	16	7
Newport Beach	4	3	8	2	4	1	9	3	2
Orange	34	40	32	42	55	47	45	48	57
Placentia	19	19	22	24	22	20	22	20	28
Rancho Santa	4	1	5	6	2	4	5	1	6
San Clemente	4	4	9	10	8	4	9	7	8
San Juan Capistrano	6	9	5	11	12	9	15	10	11
Santa Ana	152	234	274	231	314	293	319	338	349
Seal Beach	1	2	1	1	0	2	2	1	3
Stanton	12	18	22	22	26	25	34	23	28
Tustin	19	32	28	27	36	35	38	30	33
Villa park	0	0	0	0	0	0	0	0	1
Westminster	30	38	49	53	48	45	46	49	48
Yorba Linda	3	9	6	9	4	8	9	8	9
Cities Subtotal	764	1,117	1,173	1,159	1,308	1,297	1,319	1,354	1,339
Unincorporated Areas									
Coto de Caza	0	0	0	0	0	0	0	0	0
Ladera Ranch	0	0	0	0	0	0	0	0	0
Midway City	1	4	7	2	2	8	4	11	2
North Tustin	0	0	0	1	0	0	0	0	0
Rossmoor	0	1	2	3	4	5	6	7	8
Silverado Canyon	0	0	0	0	0	0	0	0	1
Trabuco Canyon	0	2	2	3	1	3	0	2	0
Unincorporated Subtotal	1	8	10	7	3	11	7	14	4
Unassigned Subtotal	17	22	9	25	16	24	21	11	19
Total by Age	782	1,147	1,192	1,191	1,327	1,332	1,347	1,379	1,362
Percent by Age	3.2	4.7	4.9	4.9	5.4	5.5	5.5	5.7	5.6

*City Populations Under 18 from 2013-2017 American Community Survey 5-Year Estimates, Demographic and Housing Estimates. 2013-2017 American Community Survey estimates no population under 18 in Laguna Woods.
Source: County of Orange Social Services Agency

Supplemental Tables: Economic Wellbeing

CalWORKs Recipients: Children by Age and City, January 2020 (Continued)

City	9	10	11	12	13	14	15	16	17	Subtotal
Aliso Viejo	2	9	6	4	5	4	7	6	6	87
Anaheim	343	377	394	357	391	319	306	285	279	5,729
Brea	6	6	3	14	8	4	6	10	5	127
Buena Park	44	47	51	48	55	52	50	41	54	858
Costa Mesa	38	31	46	44	42	27	43	34	35	600
Cypress	31	26	44	30	27	27	34	29	21	542
Dana Point	6	7	7	5	5	4	1	4	5	88
Fountain Valley	12	8	11	16	12	17	8	11	8	191
Fullerton	82	64	68	63	69	49	64	49	39	1,027
Garden Grove	116	115	110	121	136	112	101	116	103	1,840
Huntington Beach	52	57	54	48	57	49	48	47	35	855
Irvine	33	38	49	34	33	38	35	44	34	572
La Habra	34	34	35	32	45	33	34	27	28	562
La Palma	2	5	5	4	2	1	2	0	4	55
Laguna Beach	1	0	2	0	1	2	4	1	0	15
Laguna Hills	12	14	17	9	12	15	10	6	10	205
Laguna Niguel	9	10	15	9	18	12	6	7	6	184
Laguna Woods*	0	0	0	0	0	0	0	1	0	5
Lake Forest	15	13	26	28	24	24	22	20	14	330
Los Alamitos	4	6	1	3	4	0	1	6	2	49
Mission Viejo	9	7	8	12	10	11	16	7	14	180
Newport Beach	4	6	1	7	9	2	5	4	4	78
Orange	51	58	59	57	63	61	57	58	53	917
Placentia	30	23	32	25	31	23	25	20	25	430
Rancho Santa Margarita	6	3	4	3	2	6	3	5	5	71
San Clemente	8	10	5	9	8	7	10	6	10	136
San Juan Capistrano	8	15	14	15	13	12	8	9	7	189
Santa Ana	352	374	426	448	421	390	364	315	296	5,890
Seal Beach	2	1	2	1	0	2	1	3	0	25
Stanton	37	31	39	34	35	23	30	24	31	494
Tustin	34	35	52	40	37	52	37	37	33	635
Villa park	1	0	0	0	1	1	1	0	0	5
Westminster	54	47	40	64	51	65	56	43	44	870
Yorba Linda	9	4	10	5	7	7	4	6	5	122
Cities Subtotal	1,447	1,481	1,636	1,589	1,634	1,451	1,399	1,281	1,215	23,963
Unincorporated Areas										
Coto de Caza	0	0	0	0	0	0	0	0	0	0
Ladera Ranch	0	0	0	0	0	0	0	0	0	0
Midway City	7	9	13	5	3	15	5	2	7	107
North Tustin	1	0	0	0	0	0	0	0	0	2
Rossmoor	9	10	11	12	13	14	15	16	17	18
Silverado Canyon	0	2	0	0	0	0	0	0	0	3
Trabuco Canyon	0	1	0	1	0	1	0	1	0	17
Unincorporated Subtotal	10	13	15	7	4	17	5	3	7	146
Unassigned Subtotal	17	19	12	12	11	5	13	11	6	270
Total by Age	1,474	1,513	1,663	1,608	1,649	1,473	1,417	1,295	1,228	24,379
Percent by Age	6.0	6.2	6.8	6.6	6.8	6.0	5.8	5.3	5.0	100.0

Supplemental Tables: Economic Wellbeing

Indicator: HOMELESS STUDENTS

Homeless Children and Youth, by School District, 2009/10 to 2018/19

Elementary Districts	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Anaheim Elementary	3,983	1,870	1,410	1,355	2,065	2,210	2,242	2,076	1,967	1,974
Buena Park	1,151	1,280	1,112	1,022	593	201	281	313	415	348
Centralia	529	685	660	673	719	428	615	593	476	417
Cypress	3	59	95	127	240	353	445	435	409	412
Fountain Valley	4	4	4	1	3	7	12	14	37	53
Fullerton	144	131	428	309	234	163	173	176	145	220
Huntington Beach City	13	15	30	24	25	36	41	60	52	51
La Habra City	286	162	110	6	7	30	59	63	69	49
Magnolia	1,220	1,438	1,453	1,503	1,809	1,732	1,870	1,980	1,841	1,828
Ocean View	403	196	122	92	130	129	261	672	739	655
Savanna	345	315	356	418	345	294	289	299	416	358
Westminster	1,582	1,731	522	1,797	1,238	906	1,019	1,012	851	783
High School Districts										
Anaheim Union	2,197	2,467	3,732	4,352	4,272	4,145	3,138	2,863	4,089	3,518
Fullerton Joint	520	612	404	438	337	444	382	348	385	390
Huntington Beach Union	388	390	283	249	349	362	369	496	683	561
Unified Districts										
Brea-Olinda	14	52	55	42	37	12	16	27	32	33
Capistrano	3,533	3,566	2,244	2,657	3,060	2,574	2,681	1,890	3,539	3,664
Garden Grove	961	2,123	2,326	2,156	1,943	1,002	969	760	1,008	997
Irvine	172	128	155	121	172	127	58	90	140	127
Laguna Beach	4	11	0	5	5	2	19	13	0	N/A
Los Alamitos	30	26	18	15	8	5	32	37	37	25
Newport-Mesa	146	211	344	320	205	147	152	108	89	144
OCDE-ACCESS	249	610	1,561	1,854	1,709	231	1,503	1,282	1,064	1,218
Orange	126	172	243	262	213	216	270	326	326	307
Placentia-Yorba Linda	346	701	614	817	2745	2,977	3,555	2,841	2,492	3,426
Saddleback Valley	31	30	760	935	1510	574	680	600	549	1,073
Santa Ana	7,357	8,738	9,136	8,492	8,105	6,507	6,997	7,306	6,967	6,814
Tustin	259	349	418	500	249	250	322	439	343	395
Total Homeless Students	25,996	28,072	28,625	30,542	32,510	26,064	28,450	27,119	29,315	29,840
Homeless % of Total Students	5.2%	5.6%	5.7%	6.1%	6.50%	5.2%	5.8%	5.5%	6.0%	6.8%

Note: Information provided by districts on their LEA Reporting Form Title 1, Part A, and Homeless Education Consolidated Application submitted to California Department of Education.
Source: Orange County Department of Education

Supplemental Tables: Economic Wellbeing

Primary Nighttime Residency of Homeless Students, 2009/10 to 2018/19

Primary Nighttime Residency:	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Shelters	667	928	1,034	1,621	1,730	1,232	1,254	1,055	1,360	1,403
Doubled-up/Tripled-up	24,114	26,084	26,113	27,491	29,300	23,533	25,545	24,274	26,161	26,600
Unsheltered	170	106	155	195	241	247	315	367	384	457
Hotels/Motels	1,078	973	1,323	1,235	1,239	1,052	1,336	1,423	1,410	1,380
Total	26,029	28,091	28,625	30,542	32,510	26,064	28,450	27,119	29,135	29,840

Source: California Department of Education

Homeless High School Students 9th to 12th Grade, 2017/18

District	Grade 9	Grade 10	Grade 11	Grade 12	Total H.S. Homeless	% of Total OC Homeless Students
ACCESS/OCDE	106	209	227	377	919	3.2%
Anaheim Union	549	754	734	940	2977	10.2%
Brea-Olinda Unified	4	3	5	5	17	0.1%
Capistrano Unified	236	258	251	224	969	3.3%
Fullerton Joint Union	88	96	83	114	381	1.3%
Garden Grove	92	116	98	96	402	1.4%
Huntington Beach Union	126	177	173	203	679	2.3%
Irvine Unified	10	11	15	15	51	0.2%
Laguna Beach Unified	1	0	2	0	3	0.0%
Los Alamitos	3	4	1	2	10	0.0%
Newport-Mesa Unified	8	6	5	5	24	0.1%
Orange Unified	14	14	17	33	78	0.3%
Placentia-Yorba Linda	173	146	133	150	602	2.1%
Saddleback Valley	49	46	38	57	190	0.7%
Santa Ana Unified	549	579	627	588	2,343	8.0%
Tustin Unified	31	19	33	25	108	0.4%
H.S. TOTAL	2,039	2,438	2,442	2,834	9,753	33.5%
OC TOTAL					29,135	

Source: Abridged from California Department of Education Consolidated Report, 2017/18

Supplemental Tables: Economic Wellbeing

Indicator: SUPPLEMENTAL NUTRITION PROGRAMS

Number of Participants Served by the WIC Program, 2009/10 to 2018/19

Participants	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Number of participants*	100,434	103,563	98,219	92,303	87,408	78,856	71,367	61,406	57,874	27,666
Caseload Allocation**	105,621	111,051	105,417	104,075	106,909	102,726	90,331	83,127	84,372	75,001
Percent of Caseload Served	95.1	93.3	93.2	88.7	81.8	76.8	79.0	73.9	68.6	36.9

*Participation is based on the number of women, infants and children served during the month of September by the four WIC agencies serving Orange County.

**Caseload is based on the combined caseload allocations for the four WIC agencies serving Orange County.

Sources: Orange County Health Care Agency/Nutrition Services-WIC Program
 Camino Health Center-WIC Program
 Planned Parenthood of Orange and San Bernardino Counties-WIC Program
 PHFE Management Solutions-WIC Program

CalFresh Recipients, 2009/10 to 2018/19

	2009/10	2010/11*	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Number of Recipients	150,141	185,489	213,919	230,964	247,517	258,676	263,556	250,772	233,038	206,789
Percent Change (from Prior Year)	37.1%	23.5%	15.3%	8.0%	7.2%	4.5%	1.9%	-4.9%	-7.1%	-11.3%
Recipients less than 18 on CalFresh	98,259	116,978	130,263	136,835	141,688	141,716	140,410	131,670	119,573	102,285
Percent Change (from Prior Year)	32.6%	19.1%	11.4%	5.0%	3.5%	0.02%	-0.92%	-6.2%	-9.2%	-14.4%
Percent of CalFresh that are Children	65.4%	63.1%	60.9%	59.2%	57.2%	54.8%	53.3%	56.6%	51.3%	49.5%
OC Population under 18	799,845	798,699	726,908	723,109	720,532	710,562	731,553	729,732	726,817	718,695

*California Department of Finance (DOF) county population estimates for children based on 2007 estimates were used through Fiscal Year 2010/2011. State of California, Department of Finance, P-2: County Population by Age (1-year increments), 2010–2060. Sacramento, CA, January 2020. <http://www.dof.ca.gov/Forecasting/Demographics/Projections/>

Source: County of Orange Social Services Agency

Supplemental Tables: Economic Wellbeing

CalFresh Recipients, by Age and City, January 2020

Cities and Communities	Age 0 <6	Age 6-<13	Age 13-<18	TOTAL RECEIVING CalFresh	TOTAL Children	% of CalFresh Recipients <18
East						
Costa Mesa	651	1,025	636	2,312	5,656	41%
Newport Beach	86	131	82	299	1,329	22%
Santa Ana	5,904	8,964	5,549	20,417	40,228	51%
Tustin	690	1,021	665	2,376	4,838	49%
East Totals	7,331	11,141	6,932	25,404	52,051	49%
North						
Anaheim	5,503	7,748	4,655	17,906	38,257	47%
Brea	159	191	141	491	1,444	34%
Buena Park	867	1,162	785	2,814	6,595	43%
Fullerton	1,118	1,602	923	3,643	8,346	44%
La Habra	637	891	566	2,094	4,294	49%
La Palma	58	75	46	179	537	33%
Orange	1,124	1,676	953	3,753	8,236	46%
Placentia	422	625	405	1,452	3,003	48%
Villa Park	2	5	6	13	43	30%
Yorba Linda	129	211	133	473	1,418	33%
North Totals	10,019	14,186	8,613	32,818	72,173	45%
South						
Aliso Viejo	122	201	153	476	1,454	33%
Dana Point	98	140	88	326	942	35%
Irvine	655	1,006	694	2,355	8,390	28%
Laguna Beach	15	28	25	68	482	14%
Laguna Hills	209	269	151	629	1,442	44%
Laguna Niguel	248	249	147	644	1,713	38%
Laguna Woods	4	5	5	14	560	3%
Lake Forest	370	512	263	1,145	2,521	45%
Mission Viejo	252	341	209	802	2,436	33%
Rancho Santa Margarita	87	149	89	325	928	35%
San Clemente	212	251	193	656	1,766	37%
San Juan Capistrano	244	356	228	828	1,530	54%
South Totals	2,516	3,507	2,245	8,268	24,164	34%
West						
Cypress	326	419	291	1,036	2,861	36%
Fountain Valley	226	334	226	786	3,022	26%
Garden Grove	2,203	3,140	2,192	7,535	20,554	37%
Huntington Beach	905	1,250	793	2,948	8,800	34%
Los Alamitos	50	80	58	188	539	35%
Seal Beach	28	37	21	86	633	14%
Stanton	462	718	434	1,614	3,858	42%
Westminster	989	1,494	1,155	3,638	11,432	32%
West Totals	5,189	7,472	5,170	17,831	51,699	34%
Unincorporated Totals	192	309	233	734	2,180	34%
Out of County Totals	256	256	115	627	2,070	30%
Total all Orange County	25,247	36,615	23,193	85,055	202,267	42%

Note: The report also includes cash aided persons.
Source: MR0007E and MR0009E December 2017, County of Orange Social Services Agency

Supplemental Tables: Economic Wellbeing

Indicator: CHILD SUPPORT

Number of Child Support Cases, Net and Per Case Collection, 2010/11 to 2019/20

Year	Total Number of Cases*	Total Net Collections (in Millions)	Per Case Collection
2010/11	89,852	\$177.4	\$ 1,975
2011/12	77,582	\$180.1	\$ 2,321
2012/13	70,608	\$178.6	\$ 2,530
2013/14	68,635	\$177.9	\$ 2,593
2014/15	67,732	\$178.8	\$ 2,640
2015/16	68,117	\$182.3	\$ 2,677
2016/17	67,685	\$184.0	\$ 2,719
2017/18	66,296	\$184.3	\$ 2,781
2018/19	68,878	\$185.3	\$ 2,858
2019/20	62,851	\$199.1	\$ 3,168

*Total number of cases is a 12-month average.

Source: Orange County Department of Child Support Services

Child Support Collections, 2010/11 to 2019/20

Year	Net Collections (in Millions)	Dollar Increase From Prior Year (in Millions)	Percent Difference From Prior Year
2010/11	\$177.4	\$0.2	0.1%
2011/12	\$180.1	\$2.7	1.5%
2012/13	\$178.6	-\$1.5	-0.8%
2013/14	\$177.9	-\$0.7	-0.4%
2014/15	\$178.8	\$0.9	0.5%
2015/16	\$182.3	\$3.5	2.0%
2016/17	\$184.0	\$1.7	0.9%
2017/18	\$184.3	\$0.3	0.2%
2018/19	\$185.3	\$1.0	0.5%
2019/20	\$199.1	\$13.8	7.4%

Source: Orange County Department of Child Support Services

Supplemental Tables: Economic Wellbeing

Child Support Collections Percent of Current Support Distributed (CSD), 2010/11 to 2019/20

Year	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
% CSD	59.0%	62.7%	64.8%	65.7%	66.7%	68.0%	68.0%	68.3%	68.9%	68.2%
Case Count	89,852	77,582	70,608	68,635	67,735	68,117	70,403	66,296	68,878	62,861

Source: Orange County Department of Child Support Services

Secondary Indicator: COST OF EARLY CARE AND EDUCATION

Definition

“Early care and education” refers to preschool and childcare programs that provide care and education for young children (typically ages 0 to 12). This indicator tracks the average cost of early care and education per week in Family Child Care Homes (FCCH) and Child Care Centers for infants, preschool and school-aged children. Both the state and federal government for low-income families support subsidized early education programs. The California Department of Education (CDE) funds agencies to provide quality childcare and development services to low-income families in licensed childcare centers, licensed family childcare homes and license-exempt settings. Head Start is a federally-funded program that provides comprehensive educational, health and social services to low-income children ages prenatal to five years and their families.

County-Wide Average Weekly Licensed Family Child Care Homes and Child Care Centers Costs*, 2010/11 to 2019/20

Licensed Family Child Care Homes**	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Infant Care	\$198	\$200	\$202	\$203	\$205	\$206	\$207	\$216	\$220	\$220
Preschool- 2 through 5 years of age	\$181	\$185	\$186	\$187	\$189	\$189	\$191	\$196	\$200	\$200
School-age - 6 through 13 years of age	\$160	\$164	\$166	\$166	\$168	\$169	\$170	\$174	\$178	\$179
Child Care Centers***	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Infant Care	\$263	\$250	\$264	\$261	\$270	\$275	\$278	\$288	\$311	\$312
Preschool- 2 through 5 years of age	\$169	\$172	\$178	\$185	\$191	\$194	\$195	\$200	\$211	\$211
School-age - 6 through 13 years of age	\$137	\$157	\$156	\$172	\$180	\$181	\$183	\$183	\$186	\$188
All Licensed Child Care Providers	\$182	\$188	\$192	\$196	\$200	\$202	\$204	\$210	\$218	\$218

*Cost of child care per week represents an average of the rates given to Children's Home Society staff during the intake process and through phone calls made to child care providers during quarterly updates.

**Family Child Care providers care for children in their homes and are licensed as follows: Small child care- 1) 4 infants only, 2) 6 children, no more than 3 of whom may be infants, 3) 8 children, no more than 2 infants, and 2 must be 6 years of age or older. Large family child care- which requires a full time assistant to work with the licensed care provider - 1) 12 children, no more than 4 of whom may be infants, 2) 14 children, not more than 3 of whom may be infants and 2 must be 6 years of age or older.

*** Child care centers include private for-profit centers, parent-run cooperatives and church-based non-profits. The state regulates the ratio of caregivers, square footage and staff qualifications.

Source: Children's Home Society of California's Child Care Resource and Referral Program

Supplemental Tables: Economic Wellbeing

County-Wide Average Weekly Orange County Family Child Care Homes and Child Care Centers Costs*, by Region, 2019/20

CENTERS	Infant (0-2)	Preschool (2-5)	School Age (6-12)
East County	\$ 274	\$ 207	\$ 177
West County	\$ 293	\$ 193	\$ 170
South County	\$ 325	\$ 235	\$ 224
North County	\$ 329	\$ 201	\$ 170
HOMES	Infant (0-2)	Preschool (2-5)	School Age (6-12)
East County	\$ 216	\$ 196	\$ 175
West County	\$ 211	\$ 195	\$ 179
South County	\$ 231	\$ 214	\$ 192
North County	\$ 219	\$ 193	\$ 171

*Cost of child care per week represents an average of the rates given to Children's Home Society staff during the intake process and through phone calls made to child care providers during quarterly updates.

Source: Children's Home Society of California's Child Care Resource and Referral Program

Child Care Supply, by Age of Child and Type of Child Care, 2020

Child Care Supply	Licensed Child Care Centers			Licensed Family Child Care Homes		
	2015/16	2019/20	Change	2015/16	2019/20	Change
Under 2 years	4,149	4,921	18.6%			
2-5 years	50,788	50,927	.2%			
6 years and older	15,867	16,015	.9%			
Total number of slots	70,804	71,863	1.5%	13,288	12,194	-8.2%

Source: Children's Home Society of California's Child Care Resource and Referral Program

Supplemental Tables: Economic Wellbeing

County-Wide Quality Start Child Care Ratings, Orange County, 2014/15-2018/19

2014/15	N/A*	NR**	1	2	3	4	5	New
FCCH	0	0	0	20	1	1	0	
Private	0	0	0	0	0	0	0	
CSPP	0	0	2	10	12	66	18	
HS	0	0	3	0	0	4	0	
Alt.	0	0	0	0	0	0	0	
Total sites	0	0	5	30	13	71	18	71
2015/16	N/A*	NR**	1	2	3	4	5	New
FCCH	0	0	0	26	6	18	4	
Private	0	0	0	16	6	35	26	
CSPP	0	0	0	0	2	65	69	
HS	0	0	0	0	0	0	0	
Alt.	0	0	0	0	0	0	0	
Total sites	0	0	0	42	14	118	99	136
2016/17	N/A*	NR**	1	2	3	4	5	New
FCCH	0	14	0	15	12	17	3	
Private	0	0	0	19	6	25	22	
CSPP	0	0	0	1	3	92	66	
HS	0	0	0	0	0	0	0	
Alt.	34	0	0	0	0	0	0	
Total sites	34	14	0	35	21	134	91	56
2017/18	N/A*	NR**	1	2	3	4	5	New
FCCH	0	12	0	22	12	15	3	0
Private	0	13	24	5	21	23	0	6
CSPP	0	2	0	0	3	98	71	5
HS	0	34	0	0	0	1	0	34
Alt.	31	0	0	0	0	0	0	0
Total sites	31	61	24	27	36	137	74	45
2018/19	N/A*	NR**	1	2	3	4	5	New
FCCH	-	28	-	20	8	16	4	76
Private	-	59	-	20	6	17	26	128
CSPP	-	2	-	-	1	91	84	178
HS	-	34	-	-	-	-	-	-
Alt.	38		-	-	-	-	-	38
Total Sites		38	123	-	40	15	124	114

*Alternative sites that do not get rated; **Sites in onboarding who are not yet rated.
Source: First 5 Orange County Children & Families Commission, Quality Start OC

Supplemental Tables: Economic Wellbeing

Birth to 13 Years of Age Child Care Centers (CTTR) Priorities Report, by Board of Supervisor (BOS) District, 2017

City	# of Children that Qualify for CDE* Child Care	Total Spaces Available	% Qualified Children Served
BOS District 1			
Garden Grove	9,010	509	6%
Midway	513	63	12%
Santa Ana	32,624	1,196	4%
Westminster	5,458	223	4%
Total	47,605	1,991	4%
BOS District 2			
Costa Mesa	4,941	220	4%
Fountain Valley	2,588	67	3%
Huntington Beach	6,749	459	7%
Los Alamitos	1,014	19	2%
Newport Beach	1,673	98	6%
Seal Beach	1,105	10	1%
Stanton	1,840	128	7%
Total	19,910	1,001	5%
BOS District 3			
Brea	1,521	63	4%
Irvine	7,234	349	5%
Orange	6,806	336	5%
Silverado Ranch	117	4	3%
Trabuco Canyon	1,261	25	2%
Tustin	4,616	833	18%
Villa Park	261	0	0%
Yorba Linda	2,500	49	2%
Total	24,316	1,659	7%
BOS District 4			
Anaheim	22,994	1,698	7%
Buena Park	4,691	462	10%
Cypress	2,298	102	4%
Fullerton	7,975	386	5%
La Habra	2,713	432	16%
Placentia	2,768	144	5%
Total	43,439	3,224	7%
BOS District 5			
Dana Point	709	32	5%
Ladera Ranch	736	11	1%
Laguna Beach	1,545	96	6%
Laguna Niguel	1,363	76	6%
Lake Forest	3,928	138	4%
Mission Viejo	1,974	104	5%
Rancho Santa Margarita	1,295	37	3%
San Clemente	1,512	43	3%
San Juan Capistrano	807	34	4%
Total	13,869	571	4%

Note: Reprint due to data not available at time of printing.

*California Department of Education (CDE) full-day child care and development services for birth to 12 year old children.

Supplemental Tables: Economic Wellbeing

Subsidized Part-Day Eligibility, 2017

City	# of Children who qualify for CDE Child Care	Total Spaces	% Eligible Qualified Children Served
BOS District 1			
Garden Grove	6,335	1,558	25%
Midway	377	101	27%
Santa Ana	25,333	3,655	14%
Westminster	4,005	803	20%
Total	36,050	6,117	17%
BOS District 2			
Costa Mesa	3,398	959	28%
Fountain Valley	1,787	45	3%
Huntington Beach	5,285	542	10%
Los Alamitos	727	57	8%
Newport Beach	1,395	22	2%
Seal Beach	792	6	1%
Stanton	1,349	310	23%
Total	14,733	1,941	13%
BOS District 3			
Brea	1,050	51	5%
Irvine	4,696	240	5%
Orange	4,725	621	13%
Silverado Ranch	81	1	1%
Trabuco Canyon	955	8	1%
Tustin	3,092	466	15%
Villa Park	183	1	1%
Yorba Linda	1,698	17	1%
Total	16,480	1,405	9%
BOS District 4			
Anaheim	16,007	2,862	18%
Buena Park	3,367	613	18%
Fullerton	1,650	46	3%
La Habra	6,282	791	13%
Placentia	1,913	499	26%
Total	2,122	366	17%
BOS District 5			
Dana Point	547	111	20%
Ladera Ranch	583	2	0%
Laguna Beach	1,403	85	6%
Laguna Niguel	1,049	108	10%
Lake Forest	2,620	62	2%
Mission Viejo	878	126	14%
Rancho Santa Margarita	936	44	5%
San Clemente	1,171	167	14%
San Juan Capistrano	605	318	53%
Total	9,245	912	10%

Note: *Reprint due to data not available at time of printing.
Source: Children's Home Society of California's Child Care Resource and Referral Program

EDUCATIONAL ACHIEVEMENT INDICATORS



Supplemental Tables: Educational Achievement

Secondary Indicator: EARLY CARE AND EDUCATION

Definition

“Early care and education” refers to preschool and childcare programs that provide care and education for young children (typically ages 0 to 12). This indicator tracks the average cost of early care and education per week in Family Child Care Homes (FCCH) and Child Care Centers for infants, preschool and school-aged children. Subsidized early education programs are supported by both the state and federal government for low-income families. The California Department of Education (CDE) funds agencies to provide quality childcare and development services to low-income families in licensed child care centers, licensed family child care homes and license-exempt settings. Head Start is a federally-funded program that provides comprehensive educational, health and social services to low-income children ages prenatal to five years and their families.

Total Licensed Early Care and Education Capacity, Family Child Care Homes (FCCH) and Child Care Centers, 2010/11 to 2019/20

	2010/11		2011/12		2012/13		2013/14		2014/15	
	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers
Infant (0-2)	3,532	5,006	3,336	3,279	N/A	3,503	N/A	3,859	N/A	4,137
Preschool (2-5)	6,252	47,378	4,267	43,341	N/A	43,791	N/A	49,757	N/A	51,032
School Age (6-12)	3,532	51,221	2,766	20,864	N/A	13,801	N/A	15,317	N/A	16,030
Total	13,316	103,605	10,269	67,484	12,688	61,095	13,594	68,933	13,706	71,199

	2015/16		2016/17		2017/18		2018/19		2019/20	
	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers
Infant (0-2)	N/A	4,149	N/A	4,123	N/A	4,194	N/A	4,193	N/A	4,921
Preschool (2-5)	N/A	50,788	N/A	49,122	N/A	48,878	N/A	49,054	N/A	50,927
School Age (6-12)	N/A	15,867	N/A	15,712	N/A	15,280	N/A	15,071	N/A	16,015
Total	13,288	70,804	12,696	68,957	12,060	68,352	12,913	68,318	12,194	71,863

Source: Children's Home Society of California's Child Care Resource and Referral Program

Requests for Child Care Referrals, Reason, and Type of Child Care Needed, 2019/20

Reason Care is Needed	Number of Families that Called	Type of Care	# of Children
Employed	11,421	Full Time	14,301
Seeking Employment	2,298	Part Time*	2,925
School/Training	2,105	Daytime Hours	15,981
Other	1,358	Alternative Care Hours**	2,024

Note: The requests for child referrals has increased substantially from previous year due to a large increase in the child care funds available for Orange County and the capacity to serve more families..

*** Includes requests for before and after school care.

**Includes evening, weekend, drop-in or overnight care.

Source: Children's Home Society of California's Child Care Resource and Referral Program

Supplemental Tables: Educational Achievement

Secondary Indicator: SCHOOL ENROLLMENT

Total Public School K-12 Enrollment by District, 2010/11 to 2019/20

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Elementary Districts										
Anaheim Elementary	19,095	19,312	19,126	19,308	19,164	18,852	18,558	17,911	17,342	16,928
Buena Park	5,296	5,345	5,349	5,226	4,985	4,869	4,837	4,684	4,552	4,464
Centralia	4,540	4,440	4,501	4,480	4,491	4,437	4,417	4,327	4,221	4,218
Cypress	3,950	3,916	3,879	3,916	3,990	3,942	3,969	3,957	3,923	3,813
Fountain Valley	6,312	6,317	6,344	6,337	6,305	6,371	6,387	6,362	6,328	6,320
Fullerton	13,661	13,656	13,830	13,822	13,678	13,520	13,363	13,307	13,067	12,852
Huntington Beach City	7,002	7,173	7,056	7,002	6,864	7,008	7,155	7,073	6,949	6,742
La Habra City	5,430	5,234	5,250	5,149	5,022	4,913	4,726	4,713	4,656	4,666
Magnolia	6,347	6,372	6,353	6,418	6,403	6,418	6,277	6,080	5,851	5,678
Ocean View	7,607	9,461	9,418	9,223	9,010	8,725	8,467	8,263	7,986	7,721
Savanna	2,323	2,363	2,398	2,433	2,392	2,397	2,331	2,272	2,199	2,095
Westminster	9,725	9,637	9,620	9,720	9,503	9,401	9,338	9,264	9,120	9,036
High School Districts										
Anaheim Union	32,704	32,085	31,889	31,659	31,276	30,964	30,729	30,292	30,292	29,832
Fullerton Joint	14,783	14,608	14,501	13,678	14,235	13,983	13,901	13,695	13,695	13,630
Huntington Beach Union	16,442	16,400	16,431	16,343	16,048	16,140	16,188	15,967	15,967	15,894
Unified Districts										
Brea-Olinda	5,927	5,960	5,972	5,973	5,977	5,856	5,909	5,951	6,008	6,085
Capistrano	53,192	53,170	53,785	58,833	54,036	53,878	53,613	53,622	53,269	52,794
Garden Grove	48,659	47,999	47,599	46,936	46,177	45,252	44,223	43,163	42,301	41,423
Irvine	27,258	28,179	29,072	30,123	31,392	32,319	33,381	34,617	35,291	36,177
Laguna Beach	3,037	3,034	3,045	3,005	3,074	3,029	3,025	2,929	2,861	2,788
Los Alamitos	9,640	9,714	9,912	9,922	9,914	9,948	9,904	9,833	9,730	9,697
Newport-Mesa	21,811	21,857	22,003	22,018	21,905	21,736	21,581	21,234	20,641	20,173
OC Dept of Education	7,607	7,602	7,184	6,050	5,306	5,037	6,485	6,539	6,953	7,638
Orange	30,373	30,136	29,854	29,750	29,473	28,899	28,522	27,915	27,473	27,291
Placentia/Yorba Linda	25,821	25,747	25,622	25,843	25,595	25,826	25,798	25,741	25,477	25,162
Saddleback Valley	31,724	30,885	30,355	29,731	29,028	28,706	27,803	27,378	26,747	26,304
Santa Ana	57,319	57,250	57,410	57,499	56,815	55,909	54,505	53,131	51,482	50,124
Tustin	23,093	23,507	23,771	23,949	24,059	24,079	24,130	24,015	23,768	23,521
Total	502,895	502,195	501,801	500,487	497,116	492,886	489,791	485,099	478,149	473,066

Source: California Department of Education

Supplemental Tables: Educational Achievement

Number and Percent of Total Public School K-12 Enrollment, by Race/Ethnicity, 2010/11 to 2019/20

Race/Ethnicity	2010/11		2011/12		2012/13		2013/14		2014/15	
	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	2,520	0.5	2,267	0.5	2,281	0.5	2,121	0.4	1,784	0.4
Asian	84,319	16.8	85,066	16.9	85,850	17.1	86,464	17.3	88,007	17.7
Black	8,129	1.6	7,988	1.6	7,660	1.5	7,380	1.5	7,088	1.4
Hispanic	237,831	47.3	241,473	48.1	242,613	48.3	243,967	48.7	243,781	49
Non-Hispanic White	156,875	31.2	151,947	30.3	148,089	29.5	144,012	28.8	139,186	28
Multiple or No Response	13,221	2.6	13,454	2.7	15,308	3.1	16,543	3.3	17,270	3.5
O.C. Total	502,895		502,195		501,801		500,487		497,116	
Race/Ethnicity	2015/16		2016/17		2017/18		2018/19		2019/20	
	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	1,502	0.3	1,313	0.3	972	0.2	958	0.2	891	0.2
Asian	88,843	18.0	78,154	15.9	91,337	18.8	90,976	19.0	91,263	19.3
Black	6,877	1.4	6,784	1.4	6,316	1.3	6,225	1.3	6,131	1.3
Hispanic	242,064	49.1	240,843	49.1	238,545	49.1	235,102	49.1	232,562	49.1
Non-Hispanic White	135,693	27.5	131,974	26.9	126,317	26.0	123,058	25.7	118,553	25.0
Multiple or No Response	18,051	3.7	19,512	4.0	21,863	4.5	22,505	4.7	24,212	5.1
O.C. Total	493,030		490,430		485,835		478,823		473,612	

Note: Total # includes "other" Race/Ethnicity counts. Source: Orange County Department of Education California Department of Education, DataQuest

Secondary Indicator: ENGLISH LEARNERS

Definition

According to California Education Code 306(a), an English Learner (EL) is “a child who does not speak English or whose native language is not English and who is not currently able to perform ordinary classroom work in English.” The process of identifying an English Learner begins with the home language survey, but this survey alone does not qualify a student as an EL. Districts administer the California English Language Development Test (CELDT) to students whose home language is other than English within 30 calendar days of initial enrollment. The CELDT assesses English comprehension, speaking, listening, reading and writing, and it determines whether a student is an EL. An overall CELDT score of Early Advanced or Advanced indicates a student is proficient provided no domain score (listening, speaking, reading or writing) falls below Intermediate. Students who do not achieve proficiency on the CELDT are considered ELs and are assessed annually until reclassified. Reclassified Fluent English Proficient (R-FEP) students are former ELs who have met multiple criteria to succeed in an English-only classroom. These reclassified students are monitored for two years to ensure their success.

Supplemental Tables: Educational Achievement

Number and Percent of English Language Learners, 2010/11 to 2019/20

Primary Languages	2010/11		2011/12		2012/13		2013/14		2014/15	
	No.	%	No.	%	No.	%	No.	%	No.	%
Spanish	102,623	81.3	106,871	82.2	100,998	81.9	106,022	81.2	103,706	80.2
Vietnamese	11,746	9.3	10,960	8.4	10,221	8.3	10,784	8.3	11,121	8.6
Korean	3,237	2.6	3,191	2.5	2,936	2.4	3,205	2.5	3,160	2.4
Arabic	1,116	0.9	1,359	1.0	1,556	1.3	1,772	1.4	2,026	1.6
Filipino	1,087	0.9	1,139	0.9	1,090	0.9	1,178	0.9	1,137	0.9
Mandarin	884	0.7	911	0.7	1,011	0.8	1,397	1.1	1,863	1.4
All Other Languages*	5,428	4.3	5,593	4.3	5,400	4.4	6,045	4.6	6,288	4.9
Total	126,226		130,076		123,290		130,570		129,390	
Primary Languages	2015/16		2016/17		2017/18		2018/19		2019/20	
	No.	%	No.	%	No.	%	No.	%	No.	%
Spanish	97,911	79.6	93,808	78.6	88,644	77.8	81,084	76.9	78,291	76.7
Vietnamese	10,149	8.3	9,756	8.2	9,115	8.0	8,330	7.9	8,202	8.0
Mandarin	2,300	1.9	2,756	2.3	3,145	2.8	3,174	3.0	3,177	3.1
Korean	3,006	2.4	2,965	2.5	2,962	2.6	2,952	2.8	2,931	2.9
Arabic	2,133	1.7	2,308	1.9	2,279	2.0	2,214	2.1	2,155	2.1
Filipino	1,077	0.9	1,066	0.9	1,025	0.9	949	0.9	868	0.9
All Other Languages*	6,433	5.2	6,670	5.6	6,768	5.9	6,738	6.4	6,517	6.4
Total	123,001		119,315		113,938		105,441		102,141	

All other languages includes 54 other languages listed on the California Department of Education website at <http://dq.cde.ca.gov/dataquest/>.
Source: Orange County Department of Education

Supplemental Tables: Educational Achievement

English Learners Number and Percent, by District, 2010/11 to 2019/20

School Districts	2010/11		2011/12		2012/13		2013/14		2014/15	
	No.	%	No.	%	No.	%	No.	%	No.	%
Elementary Districts										
Anaheim Elementary	10,941	57.3	10,547	54.6	10,357	54.2	11,254	58.0	11,540	60.2
Buena Park	2,224	42.0	2,187	40.9	2,159	40.4	2,288	44.0	2,187	43.9
Centralia	1,502	33.1	1,481	33.4	1,424	31.6	1,581	35.0	1,563	34.8
Cypress	933	23.6	940	24.0	906	23.4	820	21.0	704	17.6
Fountain Valley	664	10.5	640	10.1	683	10.8	782	12.0	810	12.8
Fullerton	3,906	28.6	4,014	29.4	4,006	29.0	4,098	30.0	4,083	29.9
Huntington Beach City	-	-	421	5.9	402	5.7	362	5.0	416	6.1
La Habra City	-	-	2,048	38.9	1,928	36.7	2,090	41.0	1,986	39.5
Magnolia	3,399	53.6	3,136	49.2	3,147	49.5	3,525	55.0	3,358	52.4
Ocean View	2,083	21.8	2,196	23.2	2,181	23.2	2,286	25.0	2,326	25.8
Savanna	1,150	49.5	1,042	44.1	977	40.7	1,047	43.0	994	41.6
Westminster	4,996	51.4	4,776	49.6	4,579	47.6	4,807	50.0	4,685	49.3
High School Districts										
Anaheim Union	-	-	6,580	20.1	6,356	19.8	6,866	22.0	6,658	21.0
Fullerton Joint Union	2,049	13.9	1,969	13.3	1,635	11.2	1,661	11.0	1,591	11.1
Huntington Beach Union	1,462	9.0	1,366	8.3	1,255	7.7	1,311	8.0	1,455	8.9
Unified Districts										
Brea-Olinda	627	10.6	611	10.3	546	9.1	638	0.5	716	12.0
Capistrano	5,407	10.2	5,424	10.2	5,404	10.0	5,403	4.1	5,276	9.8
Garden Grove	21,093	43.3	20,221	42.1	18,831	39.6	19,220	15.0	19,510	42.3
Irvine	3,628	13.3	3,655	13.0	3,827	13.2	4,744	4.0	5,323	17.0
Laguna Beach	115	3.8	111	3.7	99	3.3	115	0.1	131	4.3
Los Alamitos	197	2.0	157	1.6	180	1.8	243	0.2	262	2.6
Newport-Mesa	5,387	24.7	5,242	24.0	5,101	23.2	5,443	4.2	5,346	24.4
OC Dept of Education	2,500	32.9	2,602	22.8	2,285	31.8	1,943	1.5	1,466	27.6
Orange	7,812	25.7	6,856	34.1	6,521	21.8	7,204	5.5	7,185	24.4
Placentia-Yorba Linda	3,256	12.6	3,170	12.3	3,063	12.0	3,596	3.0	3,520	13.8
Saddleback Valley	4,135	13.0	4,045	13.1	4,128	13.6	4,576	4.0	4,641	16.0
Santa Ana	31,379	54.7	29,382	51.3	26,226	45.7	27,499	21.1	26,377	46.4
Tustin	5,381	23.3	5,257	22.4	5,084	47.6	5,209	4.0	5,266	21.9
County Total	126,226	25.1	130,076	25.9	123,290	24.6	130,570	26.0	129,390	26.0
California Total	1,057,075	17.4	1,387,665	22.4	1,346,333	22.0	1,413,549	22.7	1,392,263	22.3

Source: Orange County Department of Education

Supplemental Tables: Educational Achievement

English Learners Number and Percent, by District, 2010/11 to 2019/20 (Continued)

School Districts	2015/16		2016/17		2017/18		2018/19		2019/20	
	No.	%	No.	%	No.	%	No.	%	No.	%
Elementary Districts										
Anaheim Elementary	11,353	60.2	10,807	58.2	10,284	57.4	9,267	53.4	1,087	25.8
Buena Park	2,091	42.9	1,915	39.6	1,792	38.3	1,811	39.8	726	19.0
Centralia	1,404	31.6	1,484	33.6	1,257	29.1	1,002	23.7	694	11.0
Cypress	533	13.5	598	15.1	648	16.4	685	17.5	2,914	22.7
Fountain Valley	881	13.8	882	13.8	825	13.0	758	12.0	338	5.0
Fullerton	3,906	28.9	3,770	28.2	3,573	26.9	3,179	24.3	1,409	30.2
Huntington Beach City	399	5.7	393	5.5	351	5.0	329	4.7	2,459	43.3
La Habra City	1,830	37.2	1,542	32.6	1,477	31.3	1,436	30.8	1,613	20.9
Magnolia	3,365	52.4	3,236	51.6	2,936	48.3	2,731	46.7	705	33.7
Ocean View	2,305	26.4	2,185	25.8	2,014	24.4	1,822	22.8	3,598	39.8
Savanna	1,045	43.6	980	42.0	912	40.1	869	39.5	1,087	25.8
Westminster	4,395	46.8	4,072	43.6	3,707	40.0	3,631	39.8	726	19.0
High School Districts										
Anaheim Union	6,461	20.7	6,555	21.2	6,611	21.5	6,271	20.7	5,545	18.6
Fullerton Joint Union	1,440	10.1	1,334	9.5	1,253	9.0	1,418	10.4	1,457	10.7
Huntington Beach Union	1,445	9.0	1,430	8.9	1,401	8.7	1,444	9.0	1,529	9.6
Unified Districts										
Brea-Olinda	735	12.6	576	9.7	573	9.6	577	9.6	528	8.7
Capistrano	5,204	9.7	5,076	9.5	5,045	9.4	5,054	9.5	4,773	9.0
Garden Grove	17,745	39.2	17,047	38.5	15,752	36.5	14,327	33.9	13,560	32.7
Irvine	5,676	17.6	6,330	19.0	6,884	19.9	6,959	19.7	7,247	20.0
Laguna Beach	125	4.1	132	4.4	106	3.6	92	3.2	77	2.8
Los Alamitos	232	2.3	214	9.5	213	2.2	215	2.2	233	2.4
Newport-Mesa	5,266	24.2	5,097	2.2	4,671	22.0	4,228	20.5	3,980	19.7
OC Dept of Education	1,209	24.0	1,478	23.6	1,377	21.1	1,442	20.7	1,577	20.6
Orange	6,928	24.0	6,790	22.8	6,607	23.7	5,975	21.7	5,644	20.7
Placentia-Yorba Linda	3,774	14.6	4,035	23.8	3,986	15.5	3,734	14.7	3,372	13.4
Saddleback Valley	4,775	16.6	4,792	15.6	4,752	17.4	4,648	17.4	4,657	17.7
Santa Ana	23,530	42.1	21,718	17.2	20,575	38.7	17,438	33.9	18,084	36.1
Tustin	4,931	20.5	4,626	39.8	4,109	17.1	3,854	16.2	3,917	16.7
County Total	123,001	24.9	119,315	24.3	113,938	23.5	105,441	22.0	102,141	21.6
California Total	1,373,724	22.4	1,332,405	21.4	1,271,150	20.4	1,195,988	19.3	1,148,024	18.6

*Data was found in Los Angeles County Public Schools Report in DataQuest.
Source: California Department of Education, DataQuest

Supplemental Tables: Educational Achievement

Secondary Indicator: **AVERAGE DOLLAR EXPENDITURE PER PUPIL**

Definition

The current annual expenditures for public schools for each pupil are based on average daily attendance during the school year. Elementary School Districts include K-8, High School Districts include 9-12 and Unified Districts include K-12.

Annual Expenditure Per Pupil (K-12), by District, 2009/10 to 2018/19

School	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Elementary Districts										
Anaheim Elementary	8,399	7,527	8,091	7,862	8,299	9,312	11,030	12,135	12,714	13,633
Buena Park	8,034	7,278	7,566	7,470	8,047	9,270	10,905	11,656	12,444	13,151
Centralia	7,578	7,420	7,541	7,729	8,206	9,025	10,316	10,915	11,229	12,347
Cypress	7,395	6,801	7,000	7,302	7,378	7,922	8,993	9,716	10,266	10,759
Fountain Valley	6,981	6,755	6,895	6,741	6,949	7,672	8,363	8,893	9,194	10,021
Fullerton	7,290	7,084	7,403	7,165	7,696	8,440	9,467	10,119	10,747	11,611
Huntington Beach City	7,178	6,453	6,614	6,850	7,371	7,890	9,145	9,728	9,868	10,243
La Habra City	7,805	7,912	7,599	7,853	8,177	8,980	10,330	10,923	12,104	12,984
Magnolia	8,341	7,375	7,546	7,529	8,155	8,853	10,634	10,835	11,868	11,999
Ocean View	7,874	7,715	7,880	7,621	7,853	9,004	9,850	10,366	10,950	11,350
Savanna	7,809	7,682	7,716	7,586	7,726	8,254	9,919	10,920	10,862	11,913
Westminster	8,013	7,697	7,948	8,080	8,037	9,221	10,146	10,982	11,063	11,711
High School Districts										
Anaheim Union	8,168	8,425	8,783	8,678	8,936	9,966	11,004	11,585	11,706	12,707
Fullerton Joint Union	8,766	8,591	8,471	8,627	8,806	8,932	9,845	11,407	11,130	11,862
Huntington Beach Union	8,284	8,285	8,374	8,598	9,039	9,650	10,698	11,415	11,875	12,631
Unified Districts										
Brea-Olinda	7,271	7,136	7,442	7,254	7,343	8,082	7,536	9,556	9,886	10,039
Capistrano	7,246	7,228	7,469	7,002	7,419	8,042	7,361	9,675	10,287	10,491
Garden Grove	8,193	7,787	7,840	8,030	8,572	9,538	7,717	10,807	12,022	12,964
Irvine	7,606	7,562	7,700	7,577	7,845	8,522	7,789	10,395	10,504	10,999
Laguna Beach	13,773	13,670	13,945	13,702	14,580	15,823	11,235	18,516	19,352	20,878
Los Alamitos	6,878	6,727	6,978	7,198	7,770	8,411	7,120	9,945	10,632	11,472
Newport-Mesa	10,669	10,625	10,468	10,483	10,690	11,492	9,375	12,925	13,943	14,895
Orange	7,208	6,987	6,959	7,390	7,649	8,791	7,690	11,022	11,158	11,526
Placentia-Yorba Linda	7,826	7,914	7,846	7,715	7,926	8,673	7,485	10,365	10,586	10,951
Santa Ana	8,396	9,060	9,098	7,235	9,171	10,053	8,903	12,520	13,208	13,912
Saddleback Valley	7,472	6,830	6,984	9,049	7,409	8,687	7,302	10,012	10,298	11,602
Tustin	7,096	6,679	6,722	6,944	7,452	7,952	7,064	9,905	10,397	10,744

Source: Orange County Department of Education, 2017/18 Financial Report

Supplemental Tables: Educational Achievement

Average Expenditure Per Pupil, by District Level, Orange County and California, 2009/10 to 2018/19

District Level	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Elementary Average	7,725	7,308	7,483	7,482	7,825	8,653	9,925	10,599	11,109	11,810
High School Average	8,406	8,434	8,543	8,634	8,927	9,516	10,516	11,469	11,570	12,400
Unified District Average	8,303	8,184	8,288	8,298	8,652	9,505	10,535	11,304	11,666	12,539
Orange County (K-12) Average	7,955	7,827	7,952	7,950	8,274	9,128	9,105	10,926	11,420	12,200
California Average*	8,452	8,323	8,382	8,448	8,867	9,794	9,794	11,548	12,068	13,080

Source: Orange County Department of Education, 2017/18 Financial Report

Supplemental Tables: Educational Achievement

Indicator: **KINDERGARTEN READINESS**

Number and Percent of Children Developmentally Vulnerable on One or More Areas, by Community, 2019

City/CDP	Number	Physical Health and Well-being	Social Competence	Emotional Maturity	Language and Cognitive Development	Communication Skills and General Knowledge
Aliso Viejo	496	5.4%	8.1%	7.7%	6.9%	7.7%
Anaheim	3,863	10.5%	9.1%	8.4%	13.3%	12.2%
Brea	768	3.5%	6.4%	4.2%	7.4%	7.3%
Buena Park	942	11.8%	9.1%	10.1%	8.6%	8.5%
Costa Mesa	1,411	7.8%	6.2%	6.1%	8.2%	8.1%
Coto de Caza	52	1.9%	1.9%	3.8%	5.8%	5.8%
Cypress	567	3.7%	8.8%	8.0%	7.6%	6.2%
Dana Point	256	6.6%	7.8%	8.6%	9.8%	8.2%
Fountain Valley	503	7.0%	7.6%	8.7%	6.8%	6.8%
Fullerton	2,491	7.1%	8.0%	7.6%	6.8%	8.4%
Garden Grove	2,516	8.7%	10.8%	7.5%	14.0%	13.4%
Huntington Beach	2,130	5.1%	7.3%	6.0%	6.4%	6.9%
Irvine	2,543	5.3%	6.5%	6.3%	4.6%	7.5%
La Habra	1,053	9.0%	13.9%	11.4%	12.2%	14.5%
La Palma	125	6.4%	6.4%	6.4%	12.8%	13.6%
Ladera Ranch	344	2.0%	3.2%	3.2%	3.5%	3.2%
Laguna Beach	125	4.0%	4.0%	2.6%	0.8%	4.0%
Laguna Hills	172	2.9%	2.9%	1.8%	5.8%	9.9%
Laguna Niguel	543	5.2%	7.0%	6.8%	7.4%	6.6%
Lake Forest	667	7.3%	8.2%	6.8%	12.0%	9.7%
Los Alamitos	217	5.5%	7.4%	6.0%	1.4%	5.1%
Midway City	173	6.4%	11.0%	8.1%	12.1%	10.4%
Mission Viejo	922	4.7%	5.0%	5.5%	4.6%	4.5%
Newport Beach	738	7.5%	6.0%	6.4%	6.1%	5.4%
North Tustin	45	4.4%	0.0%	0.0%	4.4%	8.9%
Orange	1,205	9.5%	8.5%	9.9%	14.0%	10.3%
Placentia	513	6.8%	6.8%	5.9%	9.0%	9.2%
Rancho Mission Viejo	121	14.9%	5.0%	5.0%	7.4%	7.4%
Rancho Santa Margarita	474	5.9%	9.9%	8.1%	7.6%	8.6%
San Clemente	701	8.0%	5.8%	6.0%	7.7%	6.1%
San Juan Capistrano	483	4.6%	8.1%	8.3%	7.9%	8.9%
Santa Ana	5,911	10.6%	10.8%	8.8%	13.2%	13.2%
Seal Beach	121	2.5%	3.3%	9.9%	3.3%	5.0%
Stanton	426	8.9%	7.0%	6.3%	16.2%	13.6%

Supplemental Tables: Educational Achievement

Percent of Children Developmentally Vulnerable on One or More Areas, by Community, 2019 (Continued)

City/CDP	No.	Physical Health and Well-being	Social Competence	Emotional Maturity	Language and Cognitive Development	Communication Skills and General Knowledge
Trabuco Canyon	155	5.8%	8.4%	6.5%	3.9%	5.2%
Tustin	965	8.5%	8.0%	8.4%	7.0%	9.0%
Villa Park	32	12.5%	3.1%	0.0%	9.4%	9.4%
Westminster	1,458	7.5%	11.6%	9.3%	10.0%	11.1%
Yorba Linda	576	5.2%	5.4%	7.3%	4.2%	6.4%
Orange County	37,351	7.9%	8.6%	7.6%	9.6%	9.8%

Note: Reprint due to data not available at time of printing. Source: Early Development Index, 2019

Percent of Children Developmentally Vulnerable or At Risk on One or More Areas and On Track on all Areas, by Community, 2019

City/CDP	Number	Developmentally Vulnerable on One or More Areas	Developmentally At Risk on One or More Areas	Developmentally On Track on all Areas ¹	Multiple Challenges ²
Aliso Viejo	496	19.6%	24.2%	56.3%	2.4%
Anaheim	3,863	26.6%	27.0%	46.4%	5.9%
Brea	768	16.3%	25.7%	58.1%	2.5%
Buena Park	942	26.1%	23.9%	50.0%	5.2%
Costa Mesa	1,411	20.4%	24.1%	55.5%	2.6%
Coto de Caza	52	11.5%	21.2%	67.3%	1.9%
Cypress	567	16.2%	26.1%	57.7%	3.7%
Dana Point	256	20.7%	26.6%	52.7%	4.3%
Fountain Valley	503	19.3%	22.1%	58.6%	3.4%
Fullerton	2,491	19.0%	25.3%	55.7%	4.0%
Garden Grove	2,516	26.2%	26.9%	46.9%	6.0%
Huntington Beach	2,130	17.8%	24.1%	58.1%	3.0%
Irvine	2,543	16.0%	20.7%	63.3%	2.4%
La Habra	1,053	27.1%	27.6%	45.3%	7.5%
La Palma	125	23.2%	27.2%	49.6%	4.0%
Ladera Ranch	344	9.3%	16.0%	74.7%	0.9%
Laguna Beach	125	7.2%	20.0%	72.8%	0.0%
Laguna Hills	172	16.3%	34.3%	49.4%	1.2%
Laguna Niguel	543	16.0%	19.9%	64.1%	4.1%
Lake Forest	667	21.9%	19.2%	58.9%	3.7%
Los Alamitos	217	15.2%	17.1%	67.7%	0.9%
Midway City	173	28.9%	24.9%	46.2%	5.2%
Mission Viejo	922	14.5%	22.5%	63.0%	1.7%
Newport Beach	738	16.8%	23.6%	59.6%	2.6%
North Tustin	45	15.6%	28.9%	55.6%	0.0%

Supplemental Tables: Educational Achievement

Percent of Children Developmentally Vulnerable or At Risk on One or More Areas and On Track on all Areas, by Community, 2019 (Continued)

City/CDP	Number	Developmentally Vulnerable on One or More Areas	Developmentally At Risk on One or More Areas	Developmentally On Track on all Areas ¹	Multiple Challenges ²
Orange	1,205	28.5%	27.1%	44.3%	5.5%
Placentia	513	19.3%	24.4%	56.3%	4.3%
Rancho Mission Viejo	121	20.7%	27.3%	52.1%	3.3%
Rancho Santa Margarita	474	19.8%	26.2%	54.0%	4.0%
San Clemente	701	19.5%	26.5%	53.9%	3.3%
San Juan Capistrano	483	17.2%	23.8%	59.0%	4.6%
Santa Ana	5,911	27.7%	28.1%	44.2%	6.3%
Seal Beach	121	17.4%	26.4%	56.2%	1.7%
Stanton	426	27.9%	25.1%	46.9%	4.2%
Trabuco Canyon	155	16.8%	18.7%	64.5%	1.9%
Tustin	965	19.2%	23.0%	57.8%	4.5%
Villa Park	32	25.0%	28.1%	46.9%	0.0%
Westminster	1,458	25.2%	24.7%	50.1%	5.4%
Yorba Linda	576	15.8%	21.5%	62.7%	2.8%
Orange County	37,351	22.1%	25.1%	52.7%	4.5%

Note: Reprint due to data not available at time of printing.

1. Developmentally On Track on All Areas refers to children on track on all valid areas. A record may be valid with just four completed areas. 2. Multiple challenges defined as not ready on 9 or more subdomains (16 total subdomains).

Source: Early Development Index, 2019

Supplemental Tables: Educational Achievement

Percent of Children Developmentally Vulnerable or At Risk on One or More Areas and On Track on all Areas, by Student Characteristic, 2019

	Not on Track		Developmentally On Track on all Areas ¹
	Developmentally Vulnerable on One or More Areas	Developmentally At Risk on One or More Areas	
Currently in Kindergarten - No Transition Kindergarten (TK) Experience	24.5%	25.6%	49.9%
Currently in Kindergarten - Had TK Experience	17.0%	23.3%	59.7%
Not English Language Learner	18.2%	23.8%	58.0%
English Language Learner	28.3%	27.0%	44.7%
No Individual Education Plan (IEP)	20.0%	24.8%	55.0%
Has IEP	47.0%	27.8%	25.2%
Parent has Volunteered	15.0%	22.3%	62.7%
Parent has not Volunteered	27.0%	26.9%	46.1%
Receives Free/Reduced Price Lunch	29.4%	28.3%	42.3%
Does Not Receive Free/Reduced Price Lunch	15.8%	22.7%	61.6%
Hispanic, Latino/a	27.7%	27.8%	44.5%
White	16.2%	23.0%	60.9%
Asian	15.8%	20.4%	63.8%
Other	19.2%	25.0%	55.7%
All	22.1%	25.0%	52.9%

Note: Reprint due to data not available at time of printing. All results are statistically significant at p=.05 level.

1. Developmentally On Track on All Areas refers to children on track on all valid areas. A record may be valid with just four completed areas.

Source: Early Development Index, 2019

Supplemental Tables: Educational Achievement

Indicator: HIGH SCHOOL DROPOUT RATES

Number and Percent of Grade 9-12 Cohort Dropouts, by District, 2010/11 to 2018/19

	2010/11		2011/12		2012/13		2013/14		2014/15	
	No.	%	No.	%	No.	%	No.	%	No.	%
Anaheim Union High	655	13.1	652	12.1	444	8.6	447	8.6	373	7.3
Brea-Olinda Unified	17	3.3	23	4.2	12	2.3	*	1.4	*	1.9
Capistrano Connections Academy									66	21.4
Capistrano Unified	76	1.8	71	1.8	62	1.6	73	1.9	57	1.4
Fullerton Joint Union High	397	10.5	221	5.9	151	4.3	125	3.5	105	3
Garden Grove Unified	384	9.8	389	10.1	353	9.1	292	8.0	233	6.2
Huntington Beach Union	160	4.2	103	2.7	105	2.8	90	2.3	98	2.5
Irvine Unified	26	1.2	41	1.8	53	2.4	55	2.6	67	2.8
Laguna Beach Unified	*	1.2	*	1.2	*	2.8	*	1.9	*	3.5
Los Alamitos Unified	20	2.4	24	2.8	12	1.4	*	1.1	*	0.7
Magnolia Science Acad. Santa Ana									*	0.0
Newport-Mesa Unified	78	4.5	62	3.5	65	3.8	68	4.1	74	4.3
Nova Academy									*	3.3
OCSA									*	1.4
Opportunities for Learning – Capistrano									13	41.9
Orange Unified	160	6.8	127	5.1	105	4.4	120	5.2	111	4.8
Placentia-Yorba Linda Unified	114	5.1	120	5.4	60	2.9	81	3.8	60	2.8
Saddleback Valley Unified	94	3.4	68	2.5	63	2.4	66	2.5	62	2.5
Santa Ana Unified	507	13.4	387	10.5	360	9.6	310	8.2	223	6.2
Tustin Unified	42	2.6	67	4.2	30	1.8	36	2.1	20	1.1
County	4,021	10	3,911	9	3,049	7.3	2,750	6.7	2,311	5.7
California	74,101	15	65,249	13	56,711	11.4	56,756	11.5	52,249	10.7

Note: California Department of Education, DataQuest, 2016/17 data. A cohort is a defined group of students that could potentially graduate during a 4-year time period (grade 9 through grade 12). The 2016-17 Four-Year Adjusted Cohort Graduation Rate (ACGR) and Outcome data has been released. Beginning in 2016-17, the ACGR and Outcome data were calculated using different business rules and are not comparable with the Cohort Outcome data from previous years.

---Indicates County Office of Education (COE), which receives the County-wide rate * Indicates ten or fewer students in order to protect privacy. Source: California Department of Education

Supplemental Tables: Educational Achievement

Number and Percent of Grade 9-12 Cohort Dropouts, by District, 2010/11 to 2018/19 (Continued)

	2015/16		2016/17		2017/18		2018/19	
	No.	%	No.	%	No.	%	No.	%
Anaheim Union High	317	6.4	359	7.1	323	6.2	261	5.1
Brea-Olinda Unified	*	2.0	13	2.7	11	2.3	32	6.4
Capistrano Connections Academy	107	25.4	134	23.2	*	*		
Capistrano Unified	57	1.4	41	1.0	51	1.3	82	2.0
Fullerton Joint Union High	101	3.0	90	2.7	81	2.3	249	7.1
Garden Grove Unified	212	6.2	295	8.3	301	8.1	152	4.4
Huntington Beach Union	87	2.4	100	2.7	121	2.9	91	2.3
Irvine Unified	35	1.5	63	2.7	40	1.6	35	1.4
Laguna Beach Unified	13	4.7	12	4.8	9	3.3	0	0.0
Los Alamitos Unified	*	0.8	*		5	0.6	7	0.9
Magnolia Science Acad. Santa Ana	*	0.0	*		1	7.7	*	*
Newport-Mesa Unified	66	3.8	95	5.3	86	5.0	110	6.2
Nova Academy	*	5.4	84	96.6	*	*	*	*
OCSA	*	1.7	*		*	*	*	*
Opportunities for Learning – Capistrano	*	29.0	12	21.8	*	*	*	*
Orange Unified	68	3.1	130	5.7	126	5.3	92	4.1
Placentia-Yorba Linda Unified	122	5.7	52	2.4	42	1.9	25	1.2
Saddleback Valley Unified	54	2.3	66	2.7	89	3.6	78	3.4
Santa Ana Unified	150	4.3	160	4.7	213	5.9	203	5.6
Tustin Unified	28	1.5	20	1.0	39	2.1	74	3.7
County	2,145	5.4	2,185	5.3	2,213	5.3	1,827	4.6
California	48,118	9.8	45,052	9.1	48,453	9.6	28,110	6.6

Supplemental Tables: Educational Achievement

Number and Percent of Grade 9-12 Cohort Dropouts, by Race/Ethnicity, 2009/10 to 2017/18

Race/Ethnicity	2009/10		2010/11		2011/12		2012/13		2013/14	
	No.	%	No.	%	No.	%	No.	%	No.	%
Asian	488	9.4	307	7.6	296	7.6	248	3.4	243	2.5
White	878	5.7	701	4.7	649	4.5	531	3.9	517	3.9
Hispanic	3,554	20.1	2,767	15.3	2,635	14.0	2,100	11.3	1,834	10.0
Black	143	17.2	120	14.7	112	13.2	94	12.6	78	10.2
American Indian	40	9.9	38	10	29	7.4	22	5.6	18	4.5
Multiple or No Response	97	13.7	88	11.5	108	12.9	54	5.6	60	6.6
County Total	5,200	12.3	4,021	9.5	3,829	8.9	3,049	7.3	2,750	6.7

Race/Ethnicity	2014/15		2015/16		2016/17		2017/18		2018/19	
	No.	%	No.	%	No.	%	No.	%	No.	%
Asian	170	2.6	164	9.9	182	2.5	201	2.5	176	2.2
White	478	3.7	478	3.8	436	3.5	435	3.5	411	3.5
Hispanic	1,484	8.1	1,342	7.4	1,392	7.4	1,395	7.3	1,379	7.2
Black	70	10.4	67	9.4	59	8.4	71	10.3	60	9.9
American Indian	16	4.8	14	5.3	17	7.3	8	5.5	4	6.1
Multiple or No Response	64	6.6	71	6.7	99	7.1	97	7.7	70	5.2
County Total	2,311	5.7	2,145	5.4	2,185	5.3	2,213	5.3	2,100	5.1

Note: Asian dropout totals include Pacific Islander and Filipino dropout numbers for all years.

Note: California Department of Education, DataQuest, 2017/18 data. A cohort is a defined group of students that could potentially graduate during a 4-year time period (grade 9 through grade 12). The 2016-17 Four-Year Adjusted Cohort Graduation Rate (ACGR) and Outcome data has been released. Beginning in 2016-17, the ACGR and Outcome data were calculated using different business rules and are not comparable with the Cohort Outcome data from previous years.

Source: California Department of Education

Indicator: CHRONIC ABSENTEEISM

Number and Percent of Chronic Absenteeism, by Grade Span, 2016/17 to 2018/19

	2016/17		2017/18		2018/19	
	Orange	California	Orange	California	Orange	California
Kindergarten	10.3%	14.0%	10.7%	14.2%	11.7%	15.6%
1 st – 3 rd Grade	5.2%	8.1%	5.4%	8.3%	5.8%	9.5%
4 th – 6 th Grade	4.5%	7.0%	4.8%	7.4%	5.1%	8.4%
7 th – 8 th Grade	6.4%	9.1%	6.5%	9.4%	7.1%	10.3%
9 th – 12 th Grade	11.4%	15.4%	12.4%	15.7%	13.1%	16.4%

Source: California Department of Education

Supplemental Tables: Educational Achievement

Secondary Indicator: **HIGH SCHOOL GRADUATION**

Definition

The California Education Code establishes a minimum set of requirements for graduation from California high schools. These include a total of 13 required courses and passage of the California High School Exit Exam (CAHSEE). Local school boards can include additional requirements that they consider important for their local school district. Graduation rates are collected annually and included in the Annual Yearly Progress (AYP) accountability system. The data shows the percentage of students entering Orange County high schools that could potentially graduate during the four-year time period (2008 to 2012). Data includes students who completed high school with a standard high school diploma or special education waiver or exemption, an adult education high school diploma or the California High School Proficiency Exam.

Number and Percent of Grade 9-12 Cohort Graduates, by District, 2014/15 to 2018/19

District Name	2014/15		2015/2016		2016/17		2017/18		2018/19	
	No.	%	No.	%	%	No.	%	%	No.	%
Anaheim Union High	4,486	87.3	4,409	88.6	4,435	86.2	4,482	85.5	4,503	87.8
Brea-Olinda Unified	506	96.6	488	96.4	449	95.1	470	96.5	464	92.6
Capistrano Unified	3,914	96.6	3,877	97.2	3,864	96.8	3,916	96.2	3,846	95.7
Fullerton Joint Union High	3,277	94.5	3,141	94.4	3,147	92.6	3,332	93.4	3,134	89.5
Garden Grove Unified	3,462	91.8	3,162	92.2	3,248	91.7	3,341	90.4	3,238	92.7
Huntington Beach Union High	3,663	94.2	3,509	94.8	3,461	89.2	3,772	90.9	3,587	91.4
Irvine Unified	2,237	94.8	2,213	96.3	2,200	94.7	2,406	95.7	2,411	95.6
Laguna Beach Unified	220	95.7	261	95.6	239	97.6	260	96.3	293	99.7
Los Alamitos Unified	701	98.2	835	98.4	815	97.8	816	97.6	746	97.6
Newport-Mesa Unified	1,614	93.5	1,616	93.6	1,636	90.6	1,546	90.4	1,636	92.1
Orange Unified	2,151	93.6	2,145	96.8	2,119	91.3	2,221	93.8	2,143	94.5
Placentia-Yorba Linda Unified	2,012	95	2,005	95.1	2,021	95.5	2,071	95.7	1,970	95.0
Saddleback Valley Unified	2,316	95	2,293	95.7	2,273	93	2,265	92.4	2,134	92.8
Santa Ana Unified	3,212	88.9	3,214	91.6	3,136	90.8	3,158	88.0	3,177	87.6
Tustin Unified	1,769	98.1	1,782	97.6	1,878	95.7	1,780	94.5	1,906	94.5
Cohort Enrollment	40,872		39,749		39,531		40,317		39,379	
Orange County Total	36,770	90.0	36,186	91.0	35,390	89.5	36,250	89.9	35,590	90.4

Supplemental Tables: Educational Achievement

Percent of Graduates, by Race/Ethnicity, 2010/11 to 2018/19

Race/Ethnicity	2010/11		2011/12		2012/13		2013/14		2014/15	
	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	323	0.9	339	0.92	350	1.0	354	1.0	300	0.8
Asian	6,755	18.6	6,924	18.9	6,829	18.8	6,974	19.1	7,140	19.4
Hispanic	14,052	38.8	14,719	40.1	14,996	41.2	15,259	41.9	15,659	42.6
Black	633	1.7	679	1.9	597	1.6	652	1.8	569	1.5
White	13,815	38.1	13,309	36.3	12,743	35.1	12,377	34.0	12,232	33.3
Multiple or No Response	650	1.8	725	2.0	848	2.3	815	2.2	870	2.4
Orange County Total	36,228	100.0	36,695	100.0	37,363	100.0	36,429	100.0	36,770	100.0

Race/Ethnicity	2015/16		2016/17		2017/18		2018/19	
	No.	%	No.	%	No.	%	No.	%
American Indian	235	0.6	199	0.5	123	0.3	57	0.2
Asian	6,706	18.5	6,962	19.1	7,713	20.7	7,627	20.8
Hispanic	15,746	43.5	15,977	43.9	16,271	43.7	16,537	45.1
Black	604	1.7	596	1.6	570	1.5	494	1.3
White	11,791	32.6	11,433	31.4	11,500	30.9	10,795	29.4
Multiple or No Response	1,080	3.0	1,193	3.3	1,090	2.9	1,190	3.2
Orange County Total	36,162	100.0	36,360	100.0	37,267	100	36,700	100

Source: California Department of Education

Indicator: ENGLISH LANGUAGE ARTS AND MATHEMATICS

Percent of 11th Grade Students Meeting Benchmarks for ELA and Math, Orange County and California, 2018/19

	% Meeting ELA	% Meeting Math
Orange County Combined	64.7	42.1
California Combined	57.3	32.2

Sources: CAASPP, 2018

Comparison of Lowest and Highest Free and Reduced-Price Lunch Program (FRL) with Percent of Students Meeting Benchmarks, by District, 2018/19

School District	% of Students Eligible in FRL Program	% of Students Meeting ELA Benchmarks	% of Students Meeting Math Benchmarks
Laguna Beach Unified	11.0	82.7	77.8
Los Alamitos Unified	17.5	83.9	74.2
Irvine Unified	18.7	77.8	73.6
Santa Ana Unified	80.8	31.8	25.1
Magnolia Elementary	82.5	54.1	46.8
Anaheim Elementary	83.4	34.0	27.8

Sources: California Department of Education DataQuest (percent meeting benchmarks) California Department of Education Student Poverty FRPM Data (Free and Reduced Lunch program)

Supplemental Tables: Educational Achievement

Percent of 11th Grade Students Meeting Benchmarks for ELA and Math, by District, Orange County and California, 2018/19

District Name	Percent Meeting ELA Benchmarks	Percent Meeting Math Benchmarks
Anaheim Union	59.1	27.4
Brea-Olinda Unified	60.0	46.3
Capistrano Unified	75.4	50.5
Fullerton Joint Union	65.1	43.8
Garden Grove Unified	65.9	45.6
Huntington Beach Union	74.7	48.9
Irvine Unified	76.2	70.7
Laguna Beach Unified	79.9	69.8
Los Alamitos Unified	80.7	57.3
Newport-Mesa Unified	63.7	40.3
Orange Unified	58.3	27.7
Orange County Department of Ed	22.9	4.1
Placentia-Yorba Linda Unified	68.7	58.9
Saddleback Valley Unified	67.9	45.2
Santa Ana Unified	35.3	20.4
Tustin Unified	67.1	46.4
Total Orange County	64.7	42.1
Total California	57.3	32.2

Source: CAASPP, 2018/19

Supplemental Tables: Educational Achievement

Indicator: COLLEGE READINESS

Number of High School Graduates with UC/CSU Required Courses, by School District, 2009/10 to 2018/19

School District	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Anaheim Union High	1,764	1,615	1,681	1,534	1,785	1,754	1,752	1,825	1,977	2,259
Brea-Olinda Unified	214	267	272	290	268	274	250	249	252	305
Capistrano Unified	1,729	2,015	2,003	2,127	2,130	2,299	2,289	2,338	2,369	2,413
Fullerton Joint Union High	991	1,326	1,372	1,581	1,780	1,716	1,730	1,767	1,905	1,768
Garden Grove Unified	1,387	1,720	1,739	1,814	1,821	1,860	1,643	1,849	1,994	1,957
Huntington Beach Union	1,569	1,654	1,666	1,824	2,047	2,316	2,096	1,668	1,819	1,794
Irvine Unified	1,260	1,265	1,263	1,391	1,266	1,558	1,489	1,550	1,722	1,684
Laguna Beach Unified	156	154	167	242	182	160	174	182	191	227
Los Alamitos Unified	450	504	491	514	498	484	600	607	632	552
Newport-Mesa Unified	794	823	854	857	853	937	971	996	908	822
Orange Unified	562	779	891	864	853	722	915	1,012	968	1,070
Placentia-Yorba Linda Unified	762	885	894	955	1,005	1,068	1,047	1,090	1,085	1,032
Saddleback Valley Unified	1,107	1,159	1,181	1,139	1,202	1,198	1,186	1,239	1,260	1,137
Santa Ana Unified	578	1,166	1,255	1,495	1,694	1,765	1,777	1,806	1,484	1,381
Tustin Unified	592	671	749	887	935	1,032	1,056	1,185	1,193	1,279
Orange County Total	13,915	16,003	16,478	17,514	18,319	19,147	18,986	19,425	19,759	19,680

Source: California Department of Education

Supplemental Tables: Educational Achievement

Number and Percent of High School Graduates with UC/CSU Required Courses, by Race/Ethnicity, 2009/10 to 2018/19

Race/Ethnicity	2009/10		2010/11		2011/12		2012/13		2013/14	
	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	120	33.3	123	36.5	143	40.9	160	44.8	163	45.8
Asian	4,044	30.8	4,549	28.4	4,724	28.7	4,871	28	5,198	28.4
Hispanic	2,731	19.8	3,927	26.7	4,222	27.1	15,761	30.6	5,385	33.6
Black	189	27.4	204	31	211	29.7	228	36.1	252	38.4
White	5,769	40.8	6,876	49.2	6,810	50.4	6,948	53.4	6,880	55
Multiple or No Response	240	48.2	324	44.8	368	46.7	444	54.8	369	54.2
Orange County Total	13,142	36.2	16,003	43	16,478	43.3	17,514	46.6	18,319	48.9
State Total	82,083	39.7	164,598	40.3	160,494	38.3	166,521	39.4	176,688	41.9
Race/Ethnicity	2014/15		2015/16		2016/17		2017/18		2018/19	
	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	170	53.1	132	55.0	69	32.9	57	46.3	23	40.4
Asian	4,758	77.3	4,432	77.1	5,355	62.8	5,207	77.9	5194	79.3
Hispanic	5,617	34.1	5,863	35.6	6,267	38.0	6,584	40.5	6829	41.3
Black	215	36.1	240	38.5	235	38.3	229	40.2	206	41.7
White	7,211	57.9	7,041	59.0	6,810	58.1	6,955	60.5	6658	61.7
Multiple Race	452	56.0	559	55.8	611	56.7	585	62.5	645	60.7
Orange County Total	19,147	50.4	18,986	51.1	19,425	52.0	20,360	54.6	20310	55.3
State Total	185,179	43.4	194,698	45.4	200,911	46.8	208,769	49.9	210,980	50.5

Source: California Department of Education

Supplemental Tables: Educational Achievement

Secondary Indicator: SPECIAL EDUCATION

Definition

Special education refers to specially designed instruction and related services at no cost to the parent that meets the unique needs of individuals whose educational needs cannot be met with modification of the regular instruction program. Special education is an integral part of the total public education system and provides education in a manner that promotes maximum interaction between children or youth with disabilities and children or youth who are not disabled in a manner that is appropriate to the needs of both. Special education provides a full continuum of program options including instruction conducted in the classroom in the home in hospitals and institutions and in other settings; and instruction in physical education to meet the educational and service needs of individuals with exceptional needs in the least restrictive environment.

Number of K-12 Students Receiving Special Education Services, by Type of Disability, Orange County and California, 2009 to 2018

Type of Disability	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Specific Learning Disability	16,527	15,715	15,635	15,565	14,514	15,436	15,602	16,164	16,703	17,206
Speech/Language Impairment	15,210	14,888	14,544	14,198	13,927	14,132	14,039	13,727	13,825	13,803
Intellectual Disability	2,716	2,797	2,808	2,868	2,210	2,927	2,827	2,810	2,770	2,681
Orthopedic Impairment	1,194	1,177	1,147	1,089	1,246	940	864	755	685	640
Multiple Disabilities	423	439	447	420	349	441	530	573	617	643
Other Health Impairment	5,029	5,167	5,391	5,628	5,663	6,329	6,767	7,328	7,844	8,426
Deaf	310	303	281	277	199	208	197	169	165	137
Emotional Disturbance	1,376	1,447	1,402	1,369	1,246	1,382	1,405	1,439	1,504	1,575
Visual Impairment	331	306	299	291	223	233	197	192	179	174
Hard of Hearing	822	851	895	863	810	793	785	792	786	776
Deaf-Blind	13	14	14	12	0	0	197	0	0	0
Autistic	7,294	7,960	8,614	9,207	8,998	9,869	10,076	10,235	10,511	10,750
Traumatic Brain Injury	149	144	136	118	67	54	26	47	35	35
No Category	0	0	0	0	0	0	0	0	0	0
K-12 OC Special Education*	51,394	51,208	51,613	51,905	52,216	53,005	53,512	54,231	55,908	57,141
K-12 OC Total Enrollment	497,291	502,903	502,195	501,801	500,487	497,116	493,030	490,430	485,835	478,823
Percent OC Special Education to Regular Enrollment	10.30%	10.20%	10.30%	10.30%	10.40%	10.70%	10.90%	11.05%	11.51%	11.93%
K-12 State Special Education Enrollment*	680,164	678,929	686,352	695,173	705,308	717,961	734,422	754,337	774,665	795,047
K-12 State Total Enrollment (million)	6.189	6.217	6.214	6.227	6.237	6.312	6.226	6.228	6.220	6.186
Percent State Special Education to Regular Enrollment	11.10%	10.90%	11.00%	11.20%	11.30%	11.50%	11.80%	12.10%	12.45%	12.85%

Note: Reprint due to data not available at time of printing. *Data reporting cycle: December 1st of the year reported. Numbers include the category "All Others" students ages 0 to 22. Note: Lowell School District's enrollment numbers are included. Source: California Department of Education DataQuest

Supplemental Tables: Educational Achievement

Number of Students Receiving Special Education Services, by Age and Type of Disability, 2008 to 2018

Type of Disability	2008			2009			2010			2011		
	0 to 5	6 to 12	13 to 18	0 to 5	6 to 12	13 to 18	0 to 5	6 to 12	13 to 18	0 to 5	6 to 12	13 to 18
Intellectual Disability	15,565	14,514	15,436	15,602	18,755	17,655	283	1,000	1,081	279	1,004	1,058
Hard of Hearing	14,198	13,927	14,132	14,039	16,054	15,852	186	358	299	218	376	289
Deaf	2,868	2,210	2,927	2,827	2,782	2,776	49	100	140	50	92	129
Speech or Language Impairment	1,089	1,246	940	864	1,133	1,125	4,241	8,890	1,744	4,263	8,588	1,673
Visual Impairment	420	349	441	530	687	560	44	126	119	37	130	115
Emotional Disturbance	5,628	5,663	6,329	6,767	4,293	4,593	4	387	1,020	1	389	972
Orthopedic Impairment	277	199	208	197	384	347	188	465	405	167	456	387
Other Health Impairment	1,369	1,246	1,382	1,405	1,290	1,339	279	2,100	2,724	300	2,261	2,763
Specific Learning Disability	291	223	233	197	349	332	11	6,282	9,250	16	6,362	9,064
Deaf-Blindness	863	810	793	785	648	697	1	4	9	2	5	7
Multiple Disability	12	0	0	197	12	11	82	166	140	88	173	129
Autism	9,207	8,998	9,869	10,076	4,606	5,629	1,763	4,032	1,952	1,844	4,338	2,178
Traumatic Brain Injury	118	67	54	26	138	131	10	46	73	3	48	76
Total	51,905	49,452	52,744	53,512	51,131	51,047	7,141	23,956	18,956	7,268	24,222	18,840
Type of Disability	2012			2013			2014			2015		
	0 to 5	6 to 12	13 to 18	0 to 5	6 to 12	13 to 18	0 to 5	6 to 12	13 to 18	0 to 5	6 to 12	13 to 18
Intellectual Disability	296	1,041	1,052	265	1,086	1,027	247	1,119	1,073	214	1,069	1,061
Hard of Hearing	218	330	301	212	321	300	225	292	276	214	303	268
Deaf	47	98	118	40	76	83	27	89	92	22	88	87
Speech or Language Impairment	4,175	8,386	1,609	4,167	8,328	1,524	4,053	8,573	1,492	4,064	8,557	1,405
Visual Impairment	29	120	126	**	105	134	-	97	136	11	63	123
Emotional Disturbance	6	354	975	**	380	971	-	389	969	0	405	982
Orthopedic Impairment	159	416	395	105	405	373	112	374	350	111	339	325
Other Health Impairment	292	2,392	2,874	315	2,637	2,944	321	2,877	3,055	340	3,131	3,217
Specific Learning Disability	16	6,584	8,811	13	6,564	2,944	13	6,885	8,429	21	7,242	8,241
Deaf-Blindness	1	4	7	**	**	**	-	-	-	-	-	-
Multiple Disability	81	166	121	55	175	136	59	185	149	71	230	170
Autism	1,873	4,590	2,449	1,832	4,793	2,603	1,855	4,941	2,689	1,852	5,017	2,798
Traumatic Brain Injury	4	42	65	**	**	67	-	-	54	-	-	26
Total	7,197	24,523	18,903	7,004	24,870	13,106	6,912	25,821	18,764	6,920	26,444	18,703

SAFE HOMES AND COMMUNITIES INDICATORS



Supplemental Tables: Safe Home and Communities

Secondary Indicator: CHILD MORTALITY

Overall Death Rate Per 100,000 Children and Youth 1 to 19 Years of Age, 2009 to 2018

Age	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1-4 Years	8.9	21.9	16.2	15.6	15.0	15.0	13.0	15.0	14.4	10.3
5-9 Years	6	7.0	6.0	7.4	6.9	7.9	8.0	11.5	11.1	6.6
10-14 Years	2.4	9.5	9.0	12.0	10.0	7.2	4.8	9.1	6.2	8.7
15-19 Years	8.1	31.1	6.5	26.4	24.5	25.0	22.0	28.7	28.6	29.4
1-19 Years	19.9	17.5	15.8	15.8	14.4	14.1	12.2	16.7	15.5	14.5

Source: Orange County Master Death File and California Department of Finance

Indicator: PREVENTABLE CHILD AND YOUTH DEATH

Number of Deaths and Rate Per 100,000 Population for Persons 0 to 19 Years of Age from Unintentional Injury Homicide and Suicide, 2009 to 2018

Cause of Death	2009		2010		2011		2012		2013	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Unintentional Injury	44	5.3	33	4	39	4.7	34	4.1	49	5.9
Homicide	21	2.5	13	1.6	15	1.8	12	1.4	7	0.8
Suicide	12	1.4	19	2.3	12	1.4	12	1.4	8	1.0
Cause of Death	2014		2015		2016		2017		2018	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Unintentional Injury	94	4.7	30	3.6	32	3.9	42	5.1	34	4.1
Homicide	9	1.1	10	1.2	12	1.4	9	1.1	11	1.3
Suicide	11	1.3	14	1.7	16	1.9	12	1.5	16	1.9

Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Death Rate per 100,000 Population for Persons Age 0-19 Years from Unintentional Injury, Homicide and Suicide, by Age Group and Gender, 2009 to 2018

AGE AND GENDER	UNINTENTIONAL INJURY									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
< 15 Years	3.0	2.5	2.8	2.5	3.3	3.0	3.0	1.5	3.0	2.5
15-19 Years	17.6	8.0	9.5	8.1	12.5	9.1	5.2	10.0	10.5	8.3
Males	7.1	5.7	4.4	4.9	6.5	6.3	5.4	5.2	6.1	6.2
Females	3.5	2.2	4.9	3.2	5.2	3.0	1.7	2.5	4.0	2.0
AGE AND GENDER	HOMICIDE									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
< 15 Years	2.1	0.7*	0.8	0.5*	0.2*	0.2*	.5	0.2*	0.2*	0.3*
15-19 Years	3.6	4.0	4.3	3.8	2.6	3.4	3.0	4.8	3.5	3.9
Males	2.8	2.4	3.3	2.6	1.6	1.4	2.3	2.6	1.7	2.1
Females	2.2	0.7*	0.2*	0.2*	0.0	0.7*	0.0	0.2*	0.5*	0.5*
AGE AND GENDER	SUICIDE									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
< 15 Years	0.3	0.3*	0.2*	0.2*	0.3*	0.2*	0.2*	0.3*	0.3*	0.5*
15-19 Years	4.5	7.5	4.7	4.7	2.6	4.3	5.6	6.1	4.4	5.7
Males	1.6	3.3	1.9	1.9	1.6	1.9	1.9	3.3	2.1	3.1
Females	1.2	1.2	1.0*	1.0*	0.2*	0.7*	1.5	0.5*	0.7*	0.7*

* Rates based on less than five deaths are unstable and therefore should be interpreted with caution.

Note: Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, February 2018

Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Death Rate Per 100,000 Persons 0-19 Years of Age, by Race/Ethnicity and Cause, 2009 to 2018

RACE / ETHNICITY	UNINTENTIONAL INJURY									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Asian/PI	5.8	3.1*	2.3*	3.1*	5.3	1.5*	3.0*	3.8	4.3	3.8
Black	8.9*	9.1*	0.0	9.1*	18.3*	27.7*	9.4*	9.5*	0.0	8.7*
Hispanic	3.9	3.1	3.9	3.3	5.3	5.6	3.6	4.3	5.1	2.7
White	7.5	6.0	7.5	5.7	7.3	4.7	4.3	3.6	6.4	6.6

RACE / ETHNICITY	HOMICIDE									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Asian/PI	0.8*	0.0	2.3*	0.0	0.0	0.8*	0.0	2.3*	0.7*	0.6*
Black	8.9*	0.0	0.0	0.0	0.0	0.0	9.4*	0.0	0.0	0.0
Hispanic	3.9	3.1	2.6	3.1	1.8	1.5	2.3	1.8	2.1	2.2
White	1.4*	0.4*	0.7*	0.0	0.0	0.8*	0.0	0.8*	0.0	0.8*

RACE / ETHNICITY	SUICIDE									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Asian/PI	0.8*	1.5*	2.3*	2.3	0.0	0.8*	1.5*	3.0*	1.4*	0.6*
Black	0.0	0.0	18.1*	9.1*	0.0	0.0	0.0	0.0	0.0	0.0
Hispanic	1.0*	2.4	0.5*	0.5*	0.8*	1.0*	2.0	1.3	0.5*	2.2
White	2.5	3.0	1.9	2.3*	1.9	2.3	1.6*	2.8	2.8	0.8*

* Rates based on less than five deaths are unstable and therefore should be interpreted with caution.

Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, February 2018. Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Secondary Indicator: UNINTENTIONAL INJURY DEATHS

Number and Rate per 100,000 Persons of Unintentional Injury Deaths, by Age Group, 2009 to 2018

Age Group	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	#	#	Rate	#	Rate
< 15 Years of Age	19	3.0	15	2.5	17	2.8	15	2.5	20	3.3
15-19 Years of Age	38	17.6	18	8.0	22	9.5	19	8.1	29	12.5
TOTAL	57	6.7	33	4.0	39	4.7	34	4.1	49	5.9

Age Group	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	18	3.0	18	3.0	9	1.5	18	3.0	15	2.5
15-19 Years of Age	21	9.0	12	5.2	23	10.0	24	10.5	19	8.3
TOTAL	39	4.7	30	3.6	32	3.9	42	5.1	34	4.1

Source: Orange County Health Care Agency, Public Health Services

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Unintentional Injury Deaths, by Gender, 2009 to 2018

Gender	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	30	7.1	24	5.7	19	4.4	21	4.9	28	6.5
Female	14	3.5	9	2.2	20	4.9	13	3.2	21	5.2
TOTAL	44	5.3	33	4.0	39	4.7	34	4.1	49	5.9

Gender	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	27	6.3	23	5.4	22	5.2	26	6.1	26	6.2
Female	12	3.0	7	1.7	10	2.5	16	4.0	8	2.0
TOTAL	39	4.7	30	3.6	32	3.9	42	5.1	34	4.1

* Rates based on less than five deaths are unstable and therefore should be interpreted with caution.

Note: Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, February 2018. Rates for years 2010-2013 have been adjusted accordingly and may differ from rates computed in previous reports. Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Unintentional Injury Deaths, by Cause, 2009 to 2018

Cause	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	#	#	Rate	#	Rate
Motor Vehicle**	21	2.5	13	1.6	19	2.3	12	1.4	27	3.2
Drowning	3	0.4*	2	0.2*	1	0.1*	9	1.1	7	0.8
Other	20	2.4	18	2.2	19	2.3	13	1.6	15	1.8
TOTAL	44	5.3	33	4.0	39	4.7	34	4.1	49	5.9
Cause	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Motor Vehicle**	27	3.2	16	1.9	21	2.5	23	2.8	18	2.2
Drowning	5	0.6	5	0.6	3	0.4*	6	0.7	7	0.9
Other	7	0.8	9	1.1	8	1.0	13	1.6	9	1.1
TOTAL	39	4.7	30	3.6	32	3.9	42	5.1	34	4.1

*Includes motor vehicle versus bicycle and pedestrian. *Please note: Rates based on less than five deaths are unstable and therefore should be interpreted with caution. Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail. 2010-2060, Sacramento, California, February 2018. Source: Orange County Health Care Agency, Public Health Services

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Unintentional Injury Deaths, by Race/Ethnicity, 2009 to 2018

Ethnicity	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	21	7.5	16	6.0	20	7.5	15	5.7	19	7.3
Black	1	8.9*	1	9.1*	0	0.0	1	9.1*	2	18.3*
Hispanic	15	3.9	12	3.1	15	3.9	13	3.3	21	5.3
Asian/Pacific Islander	7	5.8	4	3.1*	3	2.3*	4	3.1*	7	5.3
TOTAL	44	5.3	33	4.0	39	4.7	34	4.1	49	5.9
Ethnicity	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	12	4.7	11	4.3	9	3.6	16	6.4	17	6.6
Black	3	27.7*	1	9.4*	1	9.5*	0	0.0	1	8.7*
Hispanic	22	5.6	14	3.6	17	4.3	20	5.1	10	2.7
Asian/Pacific Islander	2	1.5*	4	3.0*	5	3.8	6	4.3	6	3.8
TOTAL	39	4.7	30	3.6	32	3.9	42	5.1	34	4.1

** Rates based on less than five deaths are unstable and therefore should be interpreted with caution. Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, California, February 2018. Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Secondary Indicator: HOMICIDE DEATHS

Number and Rate per 100,000 Persons of Homicide Deaths, by Age Group, 2009 to 2018

	2009		2010		2011		2012		2013	
Age Group	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	13	2.1	4	0.7*	5	0.8	3	0.5*	1	0.2*
15-19 Years of Age	8	3.6	9	4.0	10	4.3	9	3.8	6	2.6
TOTAL	21	2.5	13	1.6	5	0.8	12	1.4	7	0.8
	2014		2015		2016		2017		2018	
Age Group	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	1	0.2*	3	0.5	1	0.2*	1	0.2*	7	1.6
15-19 Years of Age	8	3.4	7	3.0	11	4.8	8	3.5	0	0.0
TOTAL	9	1.1	10	1.2	12	1.4	9	1.1	7	.8

*Rates based on less than five deaths are unstable and therefore should be interpreted with caution.

Source: Orange County Health Care Agency, Public Health Services

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Homicide Deaths, by Gender, 2009 to 2018

	2009		2010		2011		2012		2013	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	12	2.8	10	2.4	14	3.3	11	2.6	7	1.6
Female	9	2.2	3	0.7*	1	0.2*	1	0.3*	0	0.0
TOTAL	21	2.5	13	1.6	15	1.8	12	1.5	7	0.8
	2014		2015		2016		2017		2018	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	6	1.5	10	2.3	11	2.6	7	1.7	9	2.1
Female	3	0.8*	0	0.0	1	0.2*	2	0.5*	2	.5*
TOTAL	9	1.1	10	1.2	12	1.4	9	1.1	11	1.3

*Rates based on less than five deaths are unstable and therefore should be interpreted with caution.

Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Homicide Deaths, by Race/Ethnicity, 2009 to 2018

Ethnicity	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	4	1.4*	1	0.4*	2	0.7*	0	0.0	0	0.0
Black	1	8.9*	0	0.0	0	0.0	0	0.0	0	0.0
Hispanic	15	3.9	12	3.1	10	2.6	12	3.1	7	1.8
Asian/Pacific Islander	1	0.8*	0	0.0	3	2.3*	0	0.0	0	0.0
TOTAL	21	2.5	13	1.6	15	1.8	12	1.4	7	0.9

Ethnicity	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	2	0.8*	0	0.0	2	0.8*	0	0.0	2	.8*
Black	0	0.0	1	9.4*	0	0.0	0	0.0	0	0.0
Hispanic	6	1.5	9	2.3	7	1.8	8	2.1	8	2.2
Asian/Pacific Islander	1	0.8*	0	0.0	3	2.3*	1	0.7*	1	.6*
TOTAL	9	1.1	10	1.2	12	1.4	9	1.1	11	1.3

*Rates based on less than five deaths are unstable and therefore should be interpreted with caution. Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060, Sacramento, California, February 2018. Source: County of Orange Health Care Agency, Public Health Services. Source: Orange County Health Care Agency Public Health Services

Percent of Homicides of Total Deaths from Unintentional Injury, Homicide and Suicide for Persons 0 to 19 Years of Age, 2009 to 2018

DEATHS	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
% Homicide	27.3	20.0	22.7	20.7	10.9	15.3	18.5	20.0	14.3	18.0

Source: Orange County Health Care Agency, Public Health Services

Homicides Death Rate Per 100,000 Persons 0 to 19 Years of Age in Orange County and California, 2009 to 2018

AREA	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Orange County	2.5	1.6	1.8	1.4	0.8	1.1	1.2	1.4	1.1	1.3
California	4.4	3.8	3.6	3.3	2.8	2.4	2.7	2.4	2.8	2.2

*Please note: Rates based on less than five deaths are unstable and therefore should be interpreted with caution. Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060, Sacramento, California, February 2018. Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Secondary Indicator: SUICIDE DEATHS

Number and Rate per 100,000 Persons of Suicide Deaths, by Age Group, 2009 to 2018

Age Group	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	0	0.0	2	0.3*	1	0.2*	1	0.2*	2	0.3*
15-19 Years of Age	8	3.7	17	7.5	11	4.7	11	4.7	6	2.6
TOTAL	8	0.9	19	2.3	12	1.4	12	1.4	8	1.0
Age Group	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	1	0.2*	1	0.2*	2	0.3*	2	0.3*	3	0.5*
15-19 Years of Age	10	4.3	13	5.6	14	6.1	10	4.4	13	5.7
TOTAL	11	1.3	14	1.7	16	1.9	12	1.5	16	1.9

Source: Orange County Health Care Agency, Public Health Services

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Suicide Deaths, by Gender, 2009 to 2018

Gender	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	7	1.6	14	3.3	8	1.9	8	1.9	7	1.6
Female	5	1.2	5	1.2	4	1.0*	4	1.0*	1	0.2*
TOTAL	12	1.4	19	2.3	12	1.5	12	1.5	8	1.0
Gender	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	8	1.9	8	1.9	14	3.3	9	2.1	13	3.1
Female	3	0.7*	6	1.5	2	0.5*	3	0.7*	3	.7*
TOTAL	11	1.3	14	1.7	16	1.9	12	1.5	16	1.9

* Rates based on less than five deaths are unstable and therefore should be interpreted with caution.

Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Home and Communities

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Suicide Deaths, by Race/ Ethnicity, 2009 to 2018

Ethnicity	2009		2010		2011		2012		2013	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	5	1.7	8	3.0	5	1.9	6	2.3	5	1.9
Black	0	0.0	0	0.0	2	18.1*	1	9.1*	0	0.0
Hispanic	0	0.0	9	2.4	2	0.5*	2	0.5*	3	0.8*
Asian/PI	3	2.4*	2	1.5*	3	2.3*	3	2.3*	0	0.0
Other/unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	8	0.9	19	2.3	12	1.4	12	1.4	8	1.0

Ethnicity	2014		2015		2016		2017		2018	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	6	2.3	4	1.6*	7	2.8	7	2.8	7	2.7
Black	0	0.0	0	0.0	0	0.0	0	0.0	1	8.7*
Hispanic	4	1.0*	8	2.0*	5	1.3	2	0.5*	5	1.4
Asian/PI	1	0.8*	2	1.5*	4	3.0*	2	1.4*	3	1.9*
Other/unknown	0	0.0	0	0.0	0	0.0	1	N/A	0	0.0
TOTAL	11	1.3	14	1.7	16	1.9	12	1.5	16	1.9

*Rates based on less than five deaths are unstable and therefore should be interpreted with caution.

Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060, Sacramento, California, February 2018. Source: Orange County Health Care Agency, Public Health Services

Indicator: Child and Youth Deaths

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2009 to 2018

2009 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	4	10.7*	8	5.1	3	1.5*	5	2.4	24	10.8	44	5.3
Cancer	2	5.4*	3	1.9*	5	2.5	11	5.3	6	2.7	27	3.3
Congenital Anomalies	56	150.3	3	1.9*	1	0.5*	1	0.5*	4	1.8*	65	7.9
Homicide	6	16.1	6	3.8	1	0.5*	0	0.0	8	3.6	21	2.5
Suicide	0	0.0	0	0.0	0	0.0	2	1.0*	10	4.5	12	1.4
SIDS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	5	13.4	0	0.0	0	0.0	0	0.0	0	0.0	5	0.6
Diseases of the Heart	4	10.7*	2	1.3*	0	0.0	1	0.5*	3	1.3*	10	1.2
Cerebrovascular	3	8.1*	0	0.0	1	0.5*	0	0.0	0	0.0	4	0.5*
Neonatal Hemorrhage	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	85	228.2	14	8.9	12	6.0	5	2.4	18	8.1	134	16.2
Total Deaths	165	442.9	36	22.9	23	11.4	25	11.9	73	32.8	322	38.9
Age Group Population	37,256		157,469		200,945		209,259		222,784		827,713	

Supplemental Tables: Safe Home and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2009 to 2018 (continued)

2010 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	2	5.4*	10	6.4	1	0.5*	2	0.9*	18	8.0	33	4.0
Cancer	0	0.0	4	2.6*	4	2.0*	2	0.9*	6	2.7	16	1.9
Congenital Anomalies	41	110.5	8	5.2	1	0.5*	0	0.0	2	0.9*	52	6.3
Homicide	2	5.4*	0	0.0	1	0.5*	1	0.5*	9	4.0	13	1.6
Suicide	0	0.0	0	0.0	0	0.0	2	0.9*	17	7.5	19	2.3
SIDS	2	5.3*	0	0.0	0	0.0	0	0.0	0	0.0	2	0.2*
Short Gestation and Low Birth Weight	8	21.6	0	0.0	0	0.0	0	0.0	0	0.0	8	1.0
Diseases of the Heart	2	5.4*	1	0.6*	1	0.5*	2	0.9*	1	0.4*	7	0.8
Cerebrovascular	0	0.0	0	0.0	0	0.0	1	0.5*	1	0.4*	2	0.2*
Neonatal Hemorrhage	3	8.1*	0	0.0	0	0.0	0	0.0	0	0.0	3	0.4*
Other	87	234.4	11	7.1	6	3.0	10	4.7	16	7.1	130	15.7
Total Deaths	147	396.0	34	21.9	14	7.0	20	9.5	70	31.1	285	34.4
Age Group Population	37,119		155,043		199,228		210,908		225,190		827,488	

2011 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	3	7.9*	9	5.8	3	1.5*	2	1.0*	22	9.5	39	4.7
Cancer	2	5.2*	3	1.9*	2	1.0*	4	1.9*	10	4.3	21	2.5
Congenital Anomalies	50	130.9	2	1.3*	1	0.5*	4	1.9*	2	0.9*	59	7.1
Homicide	3	7.9*	1	0.6*	0	0.0	1	0.5*	10	4.3	15	1.8
Suicide	0	0.0	0	0.0	0	0.0	1	0.5*	11	4.7	12	1.4
SIDS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	10	26.2	0	0.0	0	0.0	0	0.0	0	0.0	10	1.2
Diseases of the Heart	1	2.6*	3	1.9*	0	0.0	1	0.5*	0	0.0	5	0.6
Cerebrovascular	1	2.6*	0	0.0	0	0.0	1	0.5*	0	0.0	2	0.2*
Neonatal Hemorrhage	4	10.5*	0	0.0	0	0.0	0	0.0	0	0.0	4	0.5*
Other	86	225.1	7	4.5	6	3.0	5	2.4	15	6.5	119	14.3
Total Deaths	160	418.8	25	16.2	12	6.0	19	9.0	70	30.1	286	34.3
Age Group Population	38,207		154,446		199,292		210,448		232,510		834,963	

Supplemental Tables: Safe Home and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2009 to 2018 (Continued)

2012 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	0	0.0	9	6.0	3	1.5	3	1.5	19	8.7	34	4.2
Cancer	0	0.0	3	2.0	2	1.0	6	2.9	8	3.7	19	2.4
Congenital Anomalies	50	133.4	4	2.7	1	0.5	3	1.5	0	0.0	58	7.2
Homicide	1	2.7	0	0.0	0	0.0	2	1.0	9	4.1	12	1.5
Suicide	0	0.0	0	0.0	0	0.0	1	0.5	11	5.0	12	1.5
SIDS	2	5.3	0	0.0	0	0.0	0	0.0	0	0.0	2	0.2
Short Gestation and Low Birth Weight	12	32.0	0	0.0	0	0.0	0	0.0	0	0.0	12	1.5
Diseases of the Heart	0	0.0	1	0.7	2	1.0	0	0.0	4	1.8	7	0.9
Cerebrovascular	1	2.7	0	0.0	1	0.5	1	0.5	0	0.0	3	0.4
Neonatal Hemorrhage	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	64	170.8	7	4.7	6	3.0	9	4.4	11	5.0	97	12.0
Total Deaths	130	346.9	24	16.0	15	7.6	25	12.3	62	28.4	256	31.7
Age Group Population	37,692		151,170		197,689		205,204		222,302		814,057	

2013 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	3	8.0*	8	5.2	4	2.0*	5	2.4	29	12.5	49	5.9
Cancer	0	0.0	2	1.3*	3	1.5*	5	2.4	5	2.1	15	1.8
Congenital Anomalies	26	69.0	4	2.6*	1	0.5*	1	0.5*	2	0.9*	34	4.1
Homicide	0	0.0	0	0.0	0	0.0	1	0.5*	6	2.6	7	0.8
Suicide	0	0.0	0	0.0	0	0.0	2	1.0*	6	2.6	8	1.0
SIDS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	11	29.2	0	0.0	0	0.0	0	0.0	0	0.0	11	1.3
Diseases of the Heart	1	2.7*	0	0.0	0	0.0	1	0.5*	2	0.9*	4	0.5*
Cerebrovascular	0	0.0	1	0.7*	0	0.0	1	0.5*	0	0.0	2	0.2*
Neonatal Hemorrhage	1	2.7*	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	81	215	8	5.2	6	3.0	5	2.4	7	3.0	108	12.9
Total Deaths	123	326.4	23	15.0	14	6.9	21	10.0	57	24.5	238	29.5
Age Group Population	37,679		152,957		152,957		208,995		232,835		835,252	

Supplemental Tables: Safe Home and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2009 to 2018 (Continued)

2014 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	1	2.6*	5	3.3	3	1.5*	9	4.3	21	9.1	39	4.7
Cancer	0	0.0	2	1.3*	5	2.5	4	1.9*	3	1.3*	14	1.7
Congenital Anomalies	39	102.7	4	2.6*	2	1.0*	1	0.5*	3	1.3*	49	5.9
Homicide	0	0.0	0	0.0	1	0.5*	0	0.0	8	3.4	9	1.1
Suicide	0	0.0	0	0.0	0	0.0	1	0.5*	10	4.3	11	1.3
SIDS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	4	10.5*	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the Heart	1	2.6*	1	0.7*	0	0.0	0	0.0	1	0.4*	3	0.4*
Cerebrovascular	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Neonatal Hemorrhage	2	5.3*	0	0.0	0	0.0	0	0.0	0	0.0	2	0.2*
Other	68	179.0	11	7.2	5	2.5	0	0.0	12	5.2	100	12.0
Total Deaths	115	302.8	23	15.0	16	7.9	15	7.2	58	25.0	227	27.2
Age Group Population	37,984		153,191		202,151		208,554		231,924		833,804	

2015 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	5	13.0	6	3.9	5	2.5	2	1.0*	12	5.2	30	3.6
Cancer	0	0.0	2	1.3*	2	1.0*	1	0.5*	1	0.4*	6	0.7
Congenital Anomalies	16	41.5	3	2.0*	3	1.5*	0	0.0	2	0.9*	24	2.9
Homicide	2	5.2*	1	0.7*	0	0.0	0	0.0	7	3.0	10	1.2
Suicide	0	0.0	0	0.0	0	0.0	1	0.5*	13	5.6	14	1.7
SIDS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	7	18.2	0	0.0	0	0.0	0	0.0	0	0.0	7	0.8
Diseases of the Heart	1	2.6*	1	0.7*	1	0.5*	1	0.5*	2	0.9*	6	0.7
Cerebrovascular	0	0.0	0	0.0	0	0.0	0	0.0	2	0.9*	2	0.2*
Neonatal Hemorrhage	4	10.4*	0	0.0	0	0.0	0	0.0	0	0.0	4	0.5*
Other	65	168.6	7	4.6	5	2.5	5	2.4	12	5.2	94	11.3
Total Deaths	100	259.4	20	13.0	16	8.0	10	4.8	51	22.0	197	23.7
Age Group Population	38,546		153,793		200,568		207,602		231,533		832,042	

Supplemental Tables: Safe Home and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2009 to 2018 (Continued)

2016 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	1	2.7	3	2.0	2	1.0	3	1.5	23	10.0	32	3.9
Cancer	0	0.0	8	5.2	10	5.0	7	3.4	8	3.5	33	4.0
Congenital Anomalies	29	77.9	3	2.0	4	2.0	1	0.5	1	0.4	38	4.6
Homicide	0	0.0	0	0.0	0	0.0	1	0.5	11	4.8	12	1.4
Suicide	0	0.0	0	0.0	0	0.0	2	1.0	14	6.1	16	1.9
SIDS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	8	21.5	0	0.0	0	0.0	0	0.0	0	0.0	8	1.0
Diseases of the Heart	3	8.1	0	0.0	1	0.5	0	0.0	0	0.0	4	0.5
Cerebrovascular	1	2.7	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
Neonatal Hemorrhage	3	8.1	0	0.0	0	0.0	0	0.0	0	0.0	3	0.4
Other	59	158.5	9	5.9	6	3.0	6	2.9	9	3.9	89	10.7
Total Deaths	104	279.3	23	15.0	23	11.5	20	9.7	66	28.7	236	28.5
Age Group Population	37,230		153,774		200,276		206,817		229,967		828,064	

2017 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	0	2.7*	8	5.2	7	3.5	2	1.0*	24	10.5	42	5.1
Cancer	2	5.4*	3	2.0*	6	3.0	4	1.9*	6	2.6	21	2.5
Congenital Anomalies	34	92.1	2	1.3*	1	0.5*	1	0.5*	3	18.0*	41	5.0
Homicide	1	2.7*	0	0.0	0	0.0	0	0.0	8	4.0	9	1.1
Suicide	0	0.0	0	0.0	0	0.0	2	1.0*	10	5.3	12	1.5
SUID**	5	13.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	8	21.7	0	0.0	0	0.0	0	0.0	0	0.0	8	0.0
Diseases of the Heart	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cerebrovascular	0	0.0	0	0.0	1	0.5*	0	0.0	0	0.0	1	0.1*
Neonatal Hemorrhage	7	19.0	0	0.0	0	0.0	0	0.0	0	0.0	7	0.8
Other	59	159.9	8	5.2	7	3.5	9	4.3	14	6.2	97	11.8
Total Deaths	116	314.3	22	14.4	22	11.1	13	6.2	65	28.6	238	28.9
Age Group Population	36,905		152,962		198,646		208,403		227,620		824,536	

Supplemental Tables: Safe Home and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2009 to 2018 (Continued)

2018 Cause	<1 Year		1-4 Years		5-9 Years		10-14 Years		15-19 Years		0-19 Years	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Accidents	2	5.3*	10	6.5	2	1.0*	1	0.5*	19	8.3	34	4.1
Cancer	1	2.7*	0	0.0	4	2.0*	3	1.5*	11	4.8	19	2.3
Congenital Anomalies	22	58.6	2	1.3*	0	0.0	2	1.0*	2	0.9*	28	3.4
Homicide	0	0.0	1	0.6*	0	0.0	1	0.5*	9	3.9	11	1.3
Suicide	0	0.0	0	0.0	0	0.0	3	1.5*	13	5.7	16	1.9
SUID**	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	14	37.3	0	0.0	0	0.0	0	0.0	0	0.0	14	1.7
Diseases of the Heart	1	2.7*	1	0.6*	1	0.5*	0	0.0	3	1.3*	6	0.7
Cerebrovascular	0	0.0	0	0.0	1	0.5*	0	0.0	0	0.0	1	0.1*
Neonatal Hemorrhage	3	8.0*	0	0.0	0	0.0	0	0.0	0	0.0	3	0.4*
Other	57	151.8	2	1.3*	5	2.5	8	3.9	10	4.4	82	10.0
Total Deaths	100	266.3	16	10.3	13	6.6	18	8.7	67	29.4	214	26.0
Age Group Population	37,548		154,790		196,554		206,101		228,226		823,219	

*Rates based on fewer than five events are statistically unreliable. Population data from the CA Department of Finance population estimates in Race/Ethnic Population with Age and Sex Detail, 2010-2060, Sacramento, California, February 2018. Source: Orange County Health Care Agency, Public Health Services

**Beginning 2017, SIDS cases will be categorized within SUID. Only one case of SIDS has been formerly reported in the past 10 years, in 2012.

Supplemental Tables: Safe Home and Communities

Secondary Indicator: CHILD AND YOUTH DEATHS

Manner of Death, Children Less than 18 Years of Age, 2019

Manner	No.	% of Child of Deaths Reviewed, by Manner	Type of Death	No.	% of Child of Deaths Reviewed	% of Manner
Natural	29	40.8%				
			Congenital	1	1.7%	3.4%
			Diseases/Conditions	23	39.7%	79.3%
			Unknown	5	8.6%	17.2%
Unintentional Injury	15	21.1%				
			Asphyxia	2	3.4%	13.3%
			Drowning	2	3.4%	13.3%
			Overdose	2	3.4%	13.3%
			Vehicular	9	15.5%	60.0%
Homicide	4	5.6%				
			Blunt Force Trauma	2	3.4%	50.0%
			Cutting/Stabbing	0	0.0%	0.0%
Suicide	4	5.6%				
			Gunshot	2	3.4%	50.0%
			Asphyxia	3	5.2%	75.0%
			Fall	1	1.7%	25.0%
SUID	2	2.8%				
			Asphyxia	1	1.7%	50.0%
			Undetermined	1	1.7%	50.0%
Undetermined	4	5.6%				
			Unknown	4	6.9%	100.0%
Total				58	100%	

Source: 2019 Orange County Child Death Review Team (CDRT). Deaths examined by Orange County Child Death Review Team (CDRT) of children who resided in Orange County reported to the Coroner in 2019. CDRT does not examine all deaths. The age range for child death is defined as a live birth through 17 years.

Supplemental Tables: Safe Home and Communities

Secondary Indicator: **MOTOR VEHICLE ACCIDENTS**

Number of Victims 0 to 19 Years of Age Killed or Injured as a Result of Motor Vehicle Accidents*, by Age Group, 2009 to 2018

	2009		2010		2011		2012		2013	
AGE	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0-4	2	36	3	28	2	48	1	24	1	4
5-9	3	49	1	40	3	48	1	48	4	21
10-14	3	51	2	58	1	59	1	58	3	37
15-19	13	192	7	159	13	160	9	141	19	138
TOTAL	21	328	13	285	19	315	12	271	27	236
	2014		2015		2016		2017		2018	
AGE	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0-4	1	22	3	N/A	3	N/A	3	NA	4	NA
5-9	2	26	4	N/A	2	N/A	5	NA	1	NA
10-14	8	32	2	N/A	2	N/A	1	NA	0	NA
15-19	16	160	7	N/A	14	N/A	14	NA	13	NA
TOTAL	27	240	16	N/A	21	N/A	23	NA	18	NA

* Includes motor vehicle versus bicycle and pedestrian.
<http://epicenter.cdph.ca.gov/ReportMenus/DataSummaries.aspx>

Supplemental Tables: Safe Home and Communities

Secondary Indicator: CHILDREN AND GUNS

Number of Gun-Related Incidents with Children 0 to 19 Years of Age, by Type of Incident, 2009 to 2018

YEAR	NON-FATAL*				FATAL			
	Assault	Self-Inflicted	Accidental	Total Injured by Guns	Homicide	Suicide	Accidental	Total Killed by Guns
2009	21	0	5	26	10	4	0	14
2010	25	1	9	35	10	4	1	15
2011	16	0	9	25	8	3	1	12
2012	16	0	10	26	8	2	0	10
2013	7	1	4	12	5	2	0	7
2014	21	0	3	24	9	2	1	12
2015	12	0	17	29	7	4	0	11
2016	NA	NA	NA	NA	7	6	0	13
2017	NA	NA	NA	NA	4	5	0	9
2018	NA	NA	NA	NA	5	4	0	9

*Non-fatal data are derived from hospitalization records non-fatal injuries not resulting in hospitalization are not included in the table. Data from EPI Center California Injury Data Online. <http://epicenter.cdph.ca.gov/ReportMenus/CustomTables.aspx>
Source: Orange County Health Care Agency, Public Health Services

Indicator: SUBSTANTIATED CHILD ABUSE ALLEGATIONS

Counts of Children with One or More Reports, by Age and Disposition, 2019

Age-Class	Disposition									
	Substantiated		Inconclusive		Unfounded		Assessment Only		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
<1 Year	673	14.0%	286	5.8%	362	4.2%	377	3.4%	1,755	5.7%
1-2 Years	591	12.3%	562	11.5%	650	7.5%	593	5.3%	2,497	8.1%
3-5 Years	851	17.6%	869	17.8%	1,296	15.0%	1,279	11.4%	4,460	14.5%
6-10 Years	1,277	26.5%	1,348	27.6%	2,670	30.9%	3,049	27.2%	8,657	28.2%
11-15 Years	1,101	22.8%	1,361	27.8%	2,773	32.1%	4,076	36.3%	9,644	31.4%
16-17 Years	330	6.8%	466	9.5%	898	10.4%	1,840	16.4%	3,663	11.9%
Total	4,823	100.0%	4,892	100.0%	8,649	100.0%	11,214	100.0%	30,676	100.0%

Notes: Total count and percent calculations do not include disposition "not yet determined"
Source: : CWS/CMS 2019 Quarter 4 Extract. Webster, D., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Saika, G., Chambers, J., Hammond, I., Williams, C., Miramontes, A., Ayat, N., Sandoval, A., Benton, C., Hoerl, C., McMillen, B., Wade, B., Yee, H., Flamson, T., Hunt, J., Carpenter, W., Casillas, E., & Gonzalez, A. (2020). CCWIP reports. Retrieved 4/30/2020, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <https://ccwip.berkeley.edu/>

Supplemental Tables: Safe Home and Communities

Substantiated Child Abuse Allegations, by Percent for Children Under 18 Years, by Type of Abuse, 2010 to 2019

Type of Abuse	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Sexual Abuse	8.1%	6.6%	5.4%	5.6%	6.1%	6.8%	5.4%	5.4%	3.8%	3.5%
Physical Abuse	6.7%	6.7%	6.5%	6.0%	5.5%	4.5%	4.5%	3.8%	4.1%	3.7%
Severe Neglect	2.5%	1.9%	2.8%	2.9%	3.3%	4.5%	4.3%	4.9%	5.4%	6.7%
General Neglect	70.2%	70.8%	72.8%	72.2%	71.6%	71.4%	71.8%	71.3%	73.3%	73.6%
Exploitation	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	0.7%	0.6%	0.5%
Emotional Abuse	0.3%	0.2%	0.1%	0.1%	0.2%	0.2%	0.3%	0.2%	0.4%	0.5%
Caretaker Absence/Incapacity	1.8%	1.6%	2.2%	1.7%	2.1%	1.8%	2.8%	2.4%	2.7%	2.6%
At Risk Sibling Abused	10.4%	12.2%	10.1%	11.4%	11.2%	10.9%	10.5%	11.4%	9.8%	8.9%
Substantial Risk	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100.0%	100.0%

Note: A child is counted only once in category of highest severity.
Percent calculations do not include "missing"

Source: : CWS/CMS 2019 Quarter 4 Extract. Webster, D., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Saika, G., Chambers, J., Hammond, I., Williams, C., Miramontes, A., Ayat, N., Sandoval, A., Benton, C., Hoerl, C., McMillen, B., Wade, B., Yee, H., Flamson, T., Hunt, J., Carpenter, W., Casillas, E., & Gonzalez, A. (2020). CCWIP reports. Retrieved 4/30/2020, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <https://ccwip.berkeley.edu/>

Total Number of Children with One or More Child Abuse Allegations and Substantiated Allegations, 2010 to 2019

Age Group	Child Abuse Allegations #	Substantiated Allegations #	Substantiated Rate per 1000	Age Group	Child Abuse Allegations #	Substantiated Allegations #	Substantiated Rate per 1000
2010				2011			
Under 1	Under 1	Under 1	Under 1	Under 1	1,666	683	18.4
1-5 Years	1-5 Years	1-5 Years	1-5 Years	1-5 Years	7,671	2,416	12.4
6-10 Years	6-10 Years	6-10 Years	6-10 Years	6-10 Years	7,495	1,909	9.5
11-15 Years	11-15 Years	11-15 Years	11-15 Years	11-15 Years	7,237	1,671	7.9
16-17 Years	16-17 Years	16-17 Years	16-17 Years	16-17 Years	2,882	685	7.9
Total	Total	Total	Total	Total	26,951	7,364	10.1
2012				2013			
Under 1	1,570	599	15.8	Under 1	1,552	556	14.8
1-5 Years	7,053	2,008	10.3	1-5 Years	7,028	1,781	9.2
6-10 Years	6,986	1,564	7.8	6-10 Years	7,586	1,484	7.3
11-15 Years	6,532	1,249	5.9	11-15 Years	6,926	1,157	5.5
16-17 Years	2,422	399	4.6	16-17 Years	2,716	382	4.4
Total	24,563	5,819	7.9	Total	25,808	5,360	7.3
2014				2015			
Under 1	1,780	605	15.9	Under 1	1,893	679	17.6
1-5 Years	7,564	1,764	9.2	1-5 Years	7,913	1,777	9.2
6-10 Years	8,861	1,566	7.7	6-10 Years	9,656	1,671	8.2
11-15 Years	8,103	1,217	5.8	11-15 Years	8,885	1,198	5.7
16-17 Years	3,284	387	4.5	16-17 Years	3,633	433	5.1
Total	29,592	5,539	7.6	Total	31,980	5,758	7.9

Supplemental Tables: Safe Home and Communities

Total Number of Children with One or More Child Abuse Allegations and Substantiated Allegations, 2010 to 2019 (Continued)

Age Group	Child Abuse Allegations #	Substantiated Allegations #	Substantiated Rate per 1,000	Age Group	Child Abuse Allegations #	Substantiated Allegations #	Substantiated Rate per 1,000
2016				2017			
Under 1	1,777	647	17.4	Under 1	1,810	591	16.0
1-5 Years	7,614	1,602	8.3	1-5 Years	7,304	1,419	7.4
6-10 Years	9,451	1,585	7.9	6-10 Years	9,506	1,293	6.4
11-15 Years	8,790	1,235	5.9	11-15 Years	9,267	983	4.7
16-17 Years	3,536	409	4.8	16-17 Years	3,796	342	4.0
Total	31,168	5,478	7.5	Total	31,683	4,628	6.4
2018				2019			
Under 1	1,671	584	16.0	Under 1	1,755	673	17.6
1-5 Years	6,848	1,279	6.7	1-5 Years	6,957	1,442	7.5
6-10 Years	8,933	1,257	6.3	6-10 Years	8,657	1,277	6.5
11-15 Years	9,408	1,024	4.9	11-15 Years	9,644	1,101	5.3
16-17 Years	3,572	341	4.1	16-17 Years	3,663	330	4.0
Total	30,432	4,485	6.2	Total	30,676	4,823	6.7

Population Data Source: CA Department of Finance

Source: : CWS/CMS 2019 Quarter 4 Extract. Webster, D., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Saika, G., Chambers, J., Hammond, I., Williams, C., Miramontes, A., Ayat, N., Sandoval, A., Benton, C., Hoerl, C., McMillen, B., Wade, B., Yee, H., Flamson, T., Hunt, J., Carpenter, W., Casillas, E., & Gonzalez, A. (2020). CCWIP reports. Retrieved 4/30/2020, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <https://ccwip.berkeley.edu/>

Source: County of Orange Social Services Agency

Secondary Indicator: CHILD ABUSE – DEPENDENCY PETITIONS

Number and Percent of Dependency Petitions Filed, 2009/10 to 2018/19

	2009/10		2010/11		2011/12		2012/13		2013/14	
	No.	%	No.	%	No.	%	No.	%	No.	%
Petitions Filed	1,874	7.0	1,617	6.3	1,436	5.9	1,357	5.4	1,282	4.6
	2014/15		2015/16		2016/17		2017/18		2018/19	
	No.	%	No.	%	No.	%	No.	%	No.	%
Petitions Filed	1,162	3.8	1,341	4.3	1,431	4.5	1,460	4.8	1,598	5.3

Note: The percentages are based on the number of child abuse reports

Source: County of Orange Social Services Agency

Supplemental Tables: Safe Home and Communities

Percent of "Recurrence of Maltreatment" in 12- month Time Period for children with a Substantiated Child Abuse Allegation Orange County and California, 2008/09 to 2017/18

	2008/09	2009/10	2010/11	2011/12	2012/13
Orange County	7.6%	7.2%	8.5%	7.5%	7.6%
California	10.0%	10.5%	10.1%	10.1%	10.5%
	2013/14	2014/15	2015/16	2016/17	2017/18
Orange County	7.4%	9.1%	7.8%	8.0%	7.7%
California	10.2%	9.7%	9.0%	9.2%	9.1%

Note: Fiscal year represents the year each cohort received their initial substantiated maltreatment allegation. Methodology changed from CFSR2 to CFSR3 so recurrence is reported rather than no recurrence and the time-period reported changed from six month time period to 12 month time period. Because of methodology change the study period FY are a year behind what would have been reported.

Source: CWS/CMS 2019 Quarter 4 Extract. Webster, D., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Saika, G., Chambers, J., Hammond, I., Williams, C., Miramontes, A., Ayat, N., Sandoval, A., Benton, C., Hoerl, C., McMillen, B., Wade, B., Yee, H., Flamson, T., Hunt, J., Carpenter, W., Casillas, E., & Gonzalez, A. (2020). CCWIP reports. Retrieved 4/30/2020, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <https://ccwip.berkeley.edu/>

Secondary Indicator: DEPENDENTS OF THE COURT

Definition

Dependents of the court are children who have been found by Juvenile Court action to require protection and supervision by the Juvenile Court from abuse and/or neglect. These children can be either in their own homes under Social Services Agency (SSA) supervision or in out-of-home care such as in the care of a relative nonrelated extended family member (NREFM) foster parent or group home.

Monthly Number of Dependents of the Court by End of Month Cases, 2009/10 to 2018/19

Month	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
July	3,235	2,704	2,805	2,835	2,816	2,874	2,627	2,708	2,814	2,827
August	3,167	2,848	2,827	2,868	2,832	2,881	2,581	2,730	2,800	2,861
September	3,153	2,810	2,786	2,828	2,757	2,891	2,597	2,734	2,756	2,902
October	3,125	2,803	2,757	2,810	2,769	2,881	2,608	2,756	2,767	2,914
November	3,119	2,835	2,734	2,838	2,762	2,812	2,587	2,720	2,853	2,990
December	3,081	2,843	2,752	2,880	2,808	2,835	2,626	2,766	2,889	2,992
January	3,056	2,838	2,729	2,914	2,622	2,781	2,631	2,808	2,917	2,990
February	3,023	2,810	2,738	2,889	2,626	2,765	2,641	2,807	2,922	2,973
March	3,005	2,764	2,834	2,879	2,580	2,768	2,679	2,780	2,898	3,024
April	2,910	2,749	2,855	2,885	2,536	2,731	2,650	2,774	2,926	2,830
May	2,885	2,740	2,869	2,857	2,543	2,681	2,642	2,777	2,918	2,884
June	2,840	2,794	2,807	2,859	2,547	2,686	2,651	2,789	2,872	2,909
Average	3,050	2,795	2,791	2,862	2,683	2,799	2,627	2,762	2,861	2,925

Source: County of Orange Social Services Agency

Supplemental Tables: Safe Home and Communities

Percent of Children in Out-of-Home Care, by Race/Ethnicity, April 2011 to April 2020

Race/Ethnicity	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
White	34	34	34	33	33	37	36	32	32	34
Hispanic	55	57	58	58	58	52	53	55	53	52
Black	6	5	5	5	5	6	4	6	7	7
Asian	5	4	3	4	4	4	7	4	4	4
Other	0	0	0	0	0	0.6	1	1	1	1

Source: County of Orange Social Services Agency

Wraparound Referrals, by Agency, 2009/10 to 2018/19

Referral Agency	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Social Services	203	172	208	178	172	175	212	244	225	221
Probation	241	202	163	180	213	245	215	262	201	60
Health Care	72	27	27	23	22	24	21	24	30	50
Total	516	401	398	381	407	444	448	530	456	361

Note: Wraparound Referrals are those referrals made as part of the Wraparound Orange County model, which started in July 2001. It is administered by the SSA, in partnership with HCA and the Probation Department. For a youth to be eligible for the program. To be eligible, a youth must have severe emotional or behavioral difficulties, and be currently placed in, or be at-risk of being placed in, a group home (which includes residential treatment centers and correctional placements), and be either: a dependent from child welfare, or a ward from probation, or referred by mental health and identified by special education.

Source: County of Orange Social Services Agency

Average Monthly Number of Children in Out-of-Home Care, 2009/10 to 2018/19

Year	Dependents of the Court	Out-of-Home Care
2009/10	3,050	2,195
2010/11	2,795	2,018
2011/12	2,791	2,215
2012/13	2,862	2,257
2013/14	2,826	2,279
2014/15	2,799	2,192
2015/16	2,627	2,107
2016/17	2,762	2,134
2017/18	2,861	2,190
2018/19	2,864	2,336

Source: County of Orange Social Services Agency

Supplemental Tables: Safe Home and Communities

Secondary Indicator: FOSTER CARE

Definition

When the Juvenile Court determines that a child cannot safely remain with his or her own family the Social Services Agency (SSA) identifies a placement for the child. Relative/guardian care is the primary placement considered in order to comply with state law and best practice of placing children in the least restrictive most family-like setting. If relatives are not available the next best option is a non-related extended family member (NREFM). If relatives and NREFMs are not available SSA may place the child in a county licensed foster family home (FFH) or a home provided by a Foster Family Agency (FFA). FFA-certified homes are provided by non-profit agencies licensed by the state to develop and supervise specialized foster homes for the placement of children who require a higher level of care due to emotional or behavioral problems. A child with even more significant behavioral issues may be temporarily placed in a state licensed group home or other residential setting to meet their treatment needs.

Number and Percent of Placement Type, April 2011 to April 2020

Annual Point-in-Time Comparison	2011		2012		2013		2014		2015		2016	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Relative/Guardian	1,241	54%	1,320	60%	1,344	60%	1,309	58%	1,183	56%	1,149	54%
Foster Family Homes	245	11%	197	9%	171	8%	196	9%	197	9%	237	11%
Foster Family Agency Certified Homes	449	20%	398	18%	346	15%	311	14%	305	14%	284	13%
Group Homes	150	7%	89	4%	96	4%	81	4%	72	3%	72	3%
Orangewood Family Center	98	4%	56	3%	46	2%	72	3%	51	2%	73	3%
Other	111	5%	150	7%	246	11%	298	13%	318	15%	307	14%
Total	2,294	100%	2,210	100%	2,249	100%	2,267	100%	2,126	100%	2,122	100%

Annual Point-in-Time Comparison	2017		2018		2019		2020		10 Year Average	
	No.	%	No.	%	No.	%	No.	%	No.	%
Relative/Guardian	1,123*	52%	1,167^	54%	1,292	54%	1,428	57%	1,256	55%
Foster Family Homes/Resource Family*	361*	17%	314**	14%	301	13%	295	12%	251	11%
Foster Family Agency Certified Homes	277	13%	284	13%	262	11%	293	12%	321	14%
Group Homes	80	4%	71***	3%	120	5%	125	5%	96	4%
Orangewood Family Center	55	3%	60	3%	90	4%	46	2%	65	3%
Other	269	12%	281	13%	314	13%	310	12%	260	12%
Total	2,165	100%	2,177	100%	2,379	100%	2,497	100%	2,263	100%

* Due to the implementation of Resource Family Approval process (February 2016), the new "Resource Family" placement type consists of combination of placements previously identified as Foster Family Homes, Relative Homes and Non-Related Extended Family Member Homes. During this transition period, it is difficult to classify youth into these placement homes and therefore comparisons between 2017 data and past years should not be made for youth placed in these family-like settings.

^Includes Relative, Guardian, NREFM, and RFA-Relative Homes placements

** Includes Foster Family Homes and Resource Family Agency placements.

***Includes Group Homes and STRTP placements

Note: Due to rounding percentages may not add up to 100%.

Source: County of Orange Social Services Agency

Supplemental Tables: Safe Home and Communities

Children and Family Services – Out-Of-Home Placements by Age and City of Placement, April 2020

CITIES AND COMMUNITIES	RELATIVE/GUARDIAN			FOSTER FAMILY HOME (County Licensed)			FOSTER FAMILY ASSOCIATION CERTIFIED HOME			GROUP HOME			OTHER PLACEMENT TYPE		
	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+
Aliso Viejo	*	*	0	*	*	0	0	0	0	0	0	0	*	*	*
Anaheim	69	60	39	18	8	18	5	*	7	0	0	0	21	19	35
Brea	*	*	*	0	*	0	0	0	0	0	0	0	*	*	5
Buena Park	8	5	7	8	6	8	0	*	*	0	0	*	*	*	*
Costa Mesa	14	6	6	*	0	*	*	*	0	0	0	*	9	19	24
Cypress	6	5	*	9	0	*	0	0	*	0	0	0	*	0	*
Dana Point	0	*	0	0	0	0	0	0	0	0	0	0	0	0	*
Fountain Valley	*	6	9	6	0	*	*	0	*	0	0	0	*	0	6
Fullerton	22	13	5	*	*	*	7	0	*	0	0	0	9	*	30
Garden Grove	44	26	22	15	8	*	0	0	0	0	*	0	17	7	10
Huntington Beach	16	17	14	6	6	5	0	0	0	0	0	0	18	6	5
Irvine	19	12	6	*	*	*	0	0	0	0	0	*	8	*	8
La Habra	7	9	*	6	*	*	0	0	*	0	0	0	*	0	0
La Palma	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0
Laguna Beach	*	0	*	0	0	*	0	0	0	0	0	0	0	0	*
Laguna Hills	*	*	0	*	*	0	0	0	0	0	0	0	*	0	*
Laguna Niguel	9	6	5	0	0	0	0	0	0	0	0	0	7	5	*
Laguna Woods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Forest	11	5	*	*	0	*	0	0	0	0	0	0	6	*	*
Los Alamitos	*	0	5	0	0	0	0	0	0	0	0	0	0	0	0
Mission Viejo	13	*	*	*	*	*	0	0	*	0	0	0	12	*	*
Newport Beach	*	*	*	0	0	0	0	0	0	0	0	0	*	*	*
Orange	28	22	10	12	*	*	0	*	0	(*)+ 0	(11) + 0	(32) + 7	19	7	67
Placentia	6	*	*	*	*	*	0	0	0	0	0	0	9	*	13
Rancho Santa Margarita	*	0	0	0	*	*	0	0	0	0	0	0	6	*	*
San Clemente	5	*	*	0	*	*	0	0	0	0	0	0	6	*	7
San Juan Capistrano	6	*	*	0	*	0	0	0	0	0	0	0	5	*	0
Santa Ana	72	48	35	11	18	13	0	*	*	0	0	0	36	10	39
Seal Beach	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0
Stanton	7	*	*	5	6	*	0	0	0	0	0	0	*	*	*
Tustin	16	8	11	*	*	0	0	0	0	0	0	0	12	7	42
Unincorporated	6	5	5	*	0	*	0	0	0	0	0	0	*	*	*
Villa Park	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0
Westminster	14	8	7	*	*	*	0	0	0	0	0	0	*	0	5
Yorba Linda	5	*	*	*	0	0	0	0	0	0	0	0	*	0	*
Los Angeles County	35	31	17	*	*	0	0	0	0	0	0	*	19	6	32
Riverside County	53	37	25	5	0	5	*	5	5	0	0	0	22	18	15

Note: Parentheses indicate the number of children placed at Orangewood Children and Family Center (OCFC)

Supplemental Tables: Safe Home and Communities

Children and Family Services – Out-Of-Home Placements, by Age and City of Placement, April 2020 (Continued)

CITIES AND COMMUNITIES	RELATIVE/GUARDIAN			FOSTER FAMILY HOME (County Licensed)			FOSTER FAMILY ASSOCIATION CERTIFIED HOME			GROUP HOME			OTHER PLACEMENT TYPE		
	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+	0 - <6	6 - <13	13+
San Bernardino	21	18	6	*	0	0	0	*	*	0	0	0	8	5	8
San Diego County	8	*	*	0	0	0	0	0	0	0	0	0	*	*	*
Non-Adjacent County or Out of State	24	11	5	*	*	0	0	0	0	0	0	*	5	0	34
TOTALS	562	389	271	134	86	90	18	14	24	3	12	46	292	142	414

CITIES AND COMMUNITIES	TOTAL COMMUNITY (#)				TOTAL COMMUNITY (%)			
	0 - <6	6 - <13	13 +	TOTAL	0 - <6	6 - <13	13 +	TOTAL
Aliso Viejo	6	*	*	13	0.2%	0.2%	0.1%	0.5%
Anaheim	113	89	99	301	4.5%	3.6%	4.0%	12.1%
Brea	*	6	7	17	0.2%	0.2%	0.3%	0.7%
Buena Park	17	15	21	53	0.7%	0.6%	0.8%	2.1%
Costa Mesa	25	26	33	84	1.0%	1.0%	1.3%	3.4%
Cypress	19	5	12	36	0.8%	0.2%	0.5%	1.4%
Dana Point	0	*	*	2	0.0%	0.0%	0.0%	0.1%
Fountain Valley	11	6	18	35	0.4%	0.2%	0.7%	1.4%
Fullerton	42	21	41	104	1.7%	0.8%	1.6%	4.2%
Garden Grove	76	42	36	154	3.0%	1.7%	1.4%	6.2%
Huntington Beach	40	29	24	93	1.6%	1.2%	1.0%	3.7%
Irvine	30	17	19	66	1.2%	0.7%	0.8%	2.6%
La Habra	15	12	6	33	0.6%	0.5%	0.2%	1.3%
La Palma	0	0	*	1	0.0%	0.0%	0.0%	0.0%
Laguna Beach	*	0	*	5	0.1%	0.0%	0.1%	0.2%
Laguna Hills	7	*	*	12	0.3%	0.2%	0.0%	0.5%
Laguna Niguel	16	11	8	35	0.6%	0.4%	0.3%	1.4%
Laguna Woods	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Lake Forest	19	6	7	32	0.8%	0.2%	0.3%	1.3%
Los Alamitos	*	0	5	6	0.0%	0.0%	0.2%	0.2%
Mission Viejo	29	5	10	44	1.2%	0.2%	0.4%	1.8%
Newport Beach	8	6	*	18	0.3%	0.2%	0.2%	0.7%
Orange	62	45	120	227	2.5%	1.8%	4.8%	9.1%
Placentia	16	10	18	44	0.6%	0.4%	0.7%	1.8%
Rancho Santa Margarita	10	*	*	16	0.4%	0.1%	0.2%	0.6%
San Clemente	11	8	10	29	0.4%	0.3%	0.4%	1.2%
San Juan Capistrano	11	6	*	18	0.4%	0.2%	0.0%	0.7%

Supplemental Tables: Safe Home and Communities

Children and Family Services – Out-Of-Home Placements, by Age and City of Placement, April 2020 (Continued)

CITIES AND COMMUNITIES	TOTAL COMMUNITY (#)				TOTAL COMMUNITY (%)			
	0 - <6	6 - <13	13 +	TOTAL	0 - <6	6 - <13	13 +	TOTAL
Santa Ana	119	77	88	284	4.8%	3.1%	3.5%	11.4%
Seal Beach	*	0	0	3	0.1%	0.0%	0.0%	0.1%
Stanton	14	12	*	30	0.6%	0.5%	0.2%	1.2%
Tustin	29	17	53	99	1.2%	0.7%	2.1%	4.0%
Unincorporated	11	9	8	28	0.4%	0.4%	0.3%	1.1%
Villa Park	*	0	0	1	0.0%	0.0%	0.0%	0.0%
Westminster	19	9	13	41	0.8%	0.4%	0.5%	1.6%
Yorba Linda	10	*	*	17	0.4%	0.2%	0.1%	0.7%
Los Angeles County	56	39	50	145	2.2%	1.6%	2.0%	5.8%
Riverside County	84	60	50	194	3.4%	2.4%	2.0%	7.8%
San Bernardino	31	25	16	72	1.2%	1.0%	0.6%	2.9%
San Diego County	12	*	7	22	0.5%	0.1%	0.3%	0.9%
Non-Adjacent County or Out of State	30	12	41	83	1.2%	0.5%	1.6%	3.3%
TOTALS	1,009	643	845	2,497	40.4%	25.8%	33.8%	100.0%

*Numbers between 1 and 4 are masked to protect confidentiality.

Note: Total Community also includes children in pre-adoptive placements Court-Specified Placements and placement settings such as hospitals.
Source: CFS Research CWS/CMS Database

Number of Placement Moves: Number of Placement Moves Per Day for Children in Foster Care in a 12 Month Period, 2009/10 to 2018/19

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Orange County	5.18	4.44	3.78	3.55	3.54	4.02	4.99	4.17	4.16	4.31
California	4.74	4.44	4.32	4.01	3.98	3.95	3.90	3.72	3.84	3.76

Source: Child Welfare Services Reports for California. University of California Berkeley Center for Social Services Research

Source: CWS/CMS 2019 Quarter 4 Extract. Webster, D., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Saika, G., Chambers, J., Hammond, I., Williams, C., Miramontes, A., Ayat, N., Sandoval, A., Benton, C., Hoertl, C., McMillen, B., Wade, B., Yee, H., Flamson, T., Hunt, J., Carpenter, W., Casillas, E., & Gonzalez, A. (2020). CCWIP reports. Retrieved 4/30/2020, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <https://ccwip.berkeley.edu/>

Supplemental Tables: Safe Home and Communities

Indicator: CHILD WELFARE

Percent of Children Reaching Reunification and Guardianship within 12 Months and Reentry Following Reunification and Guardianship, Orange County and California, 2008/09 to 2017/18

	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
	%	%	%	%	%	%	%	%	%	%
Reunification Within 12 Months										
Orange County	41.1%	42.9%	33.9%	34.1%	26.4%	29.8%	32.3%	37.2%	34.5%	32.1%
California	41.4%	41.5%	40.0%	37.6%	35.7%	35.7%	35.0%	34.8%	33.7%	32.6%
No Reentry Following Reunification*										
Orange County	7.0%	8.4%	5.2%	4.1%	6.2%	9.1%	10.4%	8.1%	8.1%	*
California	12.3%	11.8%	11.9%	12.0%	11.6%	11.4%	10.7%	10.4%	10.7%	*

Note: Since the re-entry measure sample (below) is based on those who reach Reunification and Guardianship within 12 months, above measure is modified to now include exits to guardianship, not just reunification.

*Due to methodological differences the reporting periods for No Reentry Following Reunification will always be one year behind what is reported for the other measures

Source: CWS/CMS 2019 Quarter 4 Extract. Webster, D., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Saika, G., Chambers, J., Hammond, I., Williams, C., Miramontes, A., Ayat, N., Sandoval, A., Benton, C., Hoerl, C., McMillen, B., Wade, B., Yee, H., Flamson, T., Hunt, J., Carpenter, W., Casillas, E., & Gonzalez, A. (2020). CCWIP reports. Retrieved 4/30/2020, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <https://ccwip.berkeley.edu/>

Supplemental Tables: Safe Home and Communities

Secondary Indicator: EMANCIPATION SERVICES

Definition

Social Services Agency's (SSA) Transitional Planning Services (TPS) is a broad-based Independent Living Program (ILP) designed to prepare foster youth for self-sufficiency. SSA submits an annual statistical report to the state describing ILP activities. Select youth characteristics and program outcome information are presented from the report to describe emancipation services offered received and/or provided. Services may be provided to youth as young as 14 and as old as 24. These youths include those who were in the custody of SSA due to parental abuse and neglect former probation wards who were involved in the juvenile justice system and children with mental health needs placed in foster care by the Health Care Agency. TPS also serves youth who were in foster care in other counties and have relocated to Orange County. TPS is the responsibility of the SSA Children and Family Services and involves many community partners committed to assisting youth and young adults in a wide array of Independent Living Program support services including but not limited: to basic life skills training employment career and vocational assessments and placements educational resources and funding and medical and mental health services.

Youth Who Received Independent Living Program Services, 2000/01 to 2007/08

Characteristics of Youth Served	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08
Youth to whom ILP services were offered during the year	1,885	2,063	2,254	2,582	2,752	2,875	3,022	2,679
Youth who received ILP services and have special needs	N/A	69	89	140	98	133	228	130
Youth in the Probation Department who received ILP services	216	193	233	398	182	178	335	226
Youth in the Child Welfare Dept who received ILP services	1,268	1,086	1,272	1,742	1,471	1,657	2,432	1,696
Program Outcomes/Client Progress	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08
Youth who completed ILP services or a component of services	1,484	1,279	1,505	2,404	1,653	1,835	2,767	1,920
Youth who completed high school/ GED or adult education	N/A	69	129	176	144	206	146	140
Youth enrolled in college	N/A	81	134	265	323	388	368	384
Youth who obtained employment	N/A	14	223	481	413	447	454	265

Data showing trends in ILP service delivery have not been updated because of significant reporting changes made in October 2008.

Source: SOC 405A

Supplemental Tables: Safe Home and Communities

Youth Who Received Independent Living Services, 2010/11 to 2018/19

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Number of youth (where about known) who exited foster care after emancipating or turning age 18 or 19 while in foster care:	99	61	29	41	60	60	60	60	75
Percent of these youth who:									
Completed High School or Equivalency	51%	66%	48%	51%	57%	70%	71%	87%	85%
Obtained Employment	28%	34%	10%	20%	40%	30%	53%	72%	61%
Have Housing Arrangements	89%	82%	72%	71%	78%	60%	89%	95%	95%
Permanency Connection with an Adult						50%	94%	100%	95%

FY 2014/15 data (only includes data from Jul 2014-Mar 2015. The SOC 405E Report was discontinued on April 1 2015)* This measure reflects the percent of foster children who exited foster care placement due to attaining age 18 or 19 or those foster youth under age 18 who were legally emancipated from foster care pursuant to Family Code Section 7000 who receive appropriate education and training and/or achieve employment or economic self-sufficiency based on what is known about the youth's status at the month of exiting care.

Supplemental Tables: Safe Home and Communities

Indicator: JUVENILE ARRESTS

Orange County Juvenile Arrests 10 to 17 Years Old, 2009 to 2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2009 to 2018
A. Overview											
Felony Arrests	4,131	3,671	2,875	2,284	1,866	1,659	1,178	1,195	1,125	825	-80.0%
Misdemeanor or Arrests for Status Offenses	8,593	8,223	6,216	5,030	3,902	3,534	2,832	2,581	1,910	1,367	-84.1%
Total Juvenile Arrests	14,341	13,485	10,797	8,566	6,892	6,580	4,829	4,521	3,770	2,729	-81.0%
B. Juvenile Felony Arrest Trends											
Homicide	19	13	10	13	6	3	3	0	9	4	-69.2%
Forcible Rape	6	10	11	15	8	11	17	16	22	13	30.0%
Robbery	284	289	273	218	179	132	113	128	134	126	-56.4%
Assault	513	512	395	306	257	223	237	206	218	196	-61.7%
Kidnapping	2	8	1	10	6	2	3	3	3	2	-75.0%
Total Violent Crimes	824	832	690	562	456	371	373	353	386	341	-59.0%
Burglary	1,081	1,081	936	758	602	437	356	157	153	95	-91.2%
Theft	412	446	412	275	219	182	136	106	86	67	-85.0%
Auto Theft	169	141	109	101	91	63	36	71	74	53	-62.4%
Forgery	14	10	21	11	7	3	6	3	5	2	-80.0%
Arson	40	26	14	10	17	10	11	8	9	4	-84.6%
Total Property Offenses	1,719	1,704	1,492	1,155	936	695	545	345	327	221	-87.0%
Drug Offenses	435	467	572	480	331	349	324	113	120	31	-93.4%
Sex Offenses	88	107	107	96	60	73	55	51	38	40	-62.6%
Other Offenses	609	589	479	307	284	206	205	174	162	88	-85.1%
Weapons	410	424	325	269	210	168	155	140	160	100	-76.4%
Others	5	8	6	6	7	4	2	2	2	4	-50.0%
C. Juvenile Misdemeanor Arrest Trends											
Assault & Battery	1,094	1,085	1,039	870	707	594	570	507	437	309	-71.5%
Vandalism	972	1,039	892	740	529	404	322	281	220	120	-88.5%
Weapons	131	107	122	108	104	92	97	117	130	92	-14.0%
Drunk	174	165	176	130	104	102	78	59	43	29	-82.4%
Liquor Laws	673	682	613	566	443	357	366	204	138	89	-87.0%
Marijuana and Other Drugs	1,483	1,655	1,619	620	610	542	497	483	523	155	-90.6%
Trespassing	260	194	199	171	165	93	112	108	92	66	-66.0%
Total California Juvenile Arrests	228,527	204,294	185,506	149,273	120,352	96,718	86,636	71,792	62,646	46,339	-77.3%

Source: California Department of Justice

Supplemental Tables: Safe Home and Communities

Juvenile Arrests by City, Youth 10 to 17 Years Old, 2009 to 2018

CITY	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ALISO VIEJO	178	141	93	95	107	91	44	18	30	20
ANAHEIM	1,781	1,434	917	693	628	566	438	420	340	325
BREA	289	269	292	141	86	95	80	92	117	55
BUENA PARK	394	337	243	197	153	212	141	84	138	102
COSTA MESA	467	328	249	206	181	132	143	144	96	54
CYPRESS	36	62	57	58	38	17	14	14	13	11
DANA POINT	182	191	114	86	54	64	36	53	29	13
FOUNTAIN VALLEY	351	284	249	178	187	167	120	97	67	65
FULLERTON	609	523	422	384	422	382	225	263	153	121
GARDEN GROVE	1,035	1,007	799	778	602	515	447	366	340	217
HUNTINGTON BEACH	699	769	654	656	345	279	211	125	102	85
IRVINE	612	612	463	295	191	168	136	131	138	45
LA HABRA	548	437	335	294	209	187	148	114	117	70
LA PALMA	33	38	29	24	20	9	7	8	16	15
LAGUNA BEACH	93	82	65	61	50	81	48	46	47	21
LAGUNA HILLS	135	112	89	121	82	52	26	36	31	12
LAGUNA NIGUEL	127	98	71	41	14	29	20	15	19	18
LAGUNA WOODS	2	-	3	-	-	1	-	-	1	-
LAKE FOREST	289	281	209	205	155	102	88	122	72	35
LOS ALAMITOS	52	36	29	19	25	10	7	11	4	2
MISSION VIEJO	382	387	293	226	136	118	82	119	81	56
NEWPORT BEACH	542	535	461	369	337	208	194	163	146	96
ORANGE	1,138	1,250	1,000	684	490	502	280	293	210	156
PLACENTIA	313	359	263	182	224	222	118	83	76	46
RANCHO SANTA MARGARITA	125	143	164	86	51	39	23	41	22	23
SAN CLEMENTE	160	139	158	128	110	89	53	64	51	39
SAN JUAN CAPISTRANO	209	195	124	92	58	129	60	62	25	25
SANTA ANA	1,938	1,820	1,621	1,314	1,112	970	881	907	568	435
SEAL BEACH	64	40	30	20	13	10	10	15	20	3
STANTON	115	147	108	49	44	36	19	13	20	9
TUSTIN	262	352	222	182	139	120	94	99	104	118
VILLA PARK	57	34	24	20	19	17	9	6	5	3
WESTMINSTER	408	375	255	213	171	129	124	66	65	80
YORBA LINDA *	129	132	120	68	-	1	-	1	-	-
OC SHERIFF'S *	473	430	476	331	385	787	472	396	469	331
OTHER	114	106	96	70	54	44	31	34	38	23
TOTAL	14,341	13,485	10,797	8,566	6,892	6,580	4,829	4,521	3,770	2,729

** 2013 thru 2015 figures for OC Sheriffs may include Yorba Linda
Source: California Department of Justice

Supplemental Tables: Safe Home and Communities

Number of Juvenile Arrests and Rates Per 100,000 Youth Ages 10 to 17, Orange County and California, 2009 to 2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
No. of Juvenile Arrests										
Orange County	14,341	13,485	10,797	8,566	6,892	6,580	4,829	4,521	3,770	2,729
California	204,294	185,506	149,273	120,279	96,718	86,636	71,792	62,646	56,127	46,339
Juvenile Arrest Rates										
Orange County	4,010.3	3,809.5	3,069.4	2,456.6	2,075.9	1,993.9	1421.8	1331.7	1104.0	828.2
California	4,501.5	4,145.0	3,351.9	2,718.2	2,370.1	2,133.7	1725.0	1500.1	1334.5	1120.6
Felony Arrests										
Orange County	4,131	3,671	2,875	2,284	1,866	1,659	1,178	1,195	1,125	825
California	58,421	51,879	43,307	36,289	30,734	27,583	21,343	19,619	19,333	17,229
Felony Arrest Rates										
Orange County	1,155.2	1,037.0	817.3	655.0	562.0	502.7	346.8	352.0	329.4	248.9
California	1,287.3	1,159.2	972.4	819.6	753.2	679.3	512.8	469.8	459.7	416.6
Misdemeanors - Orange County										
Total Case	8,593	8,223	6,216	5,030	3,902	3,534	2,832	2,581	1,910	1,367
Rate per 100,000	2,403.0	2,323.0	1,767.1	1,442.5	1,175.3	1,070.9	833.8	35,710	29,978	24,192
Total Pop 10-17 (x1000)*										
Orange County	357.6	354.0	351.8	348.7	332.0	330.0	339.7	339.5	341.5	331.5
California	4,538.3	4,475.4	4,453.4	4,427.6	4,080.7	4,060.4	4,161.8	4,176.0	4,205.8	4,135.2

* 2009 to 2012 figures were based on population projections as of 2007 while 2013 and 2014 figures were based on revised projections as of Dec 2014 and 2015 figures were based on revised projections as of Feb 2017

Sources: California Department of Justice; Demographic Research Unit, California State Department of Finance

Supplemental Tables: Safe Home and Communities

Secondary Indicator: REFERRALS TO PROBATION

Definition

Referrals to the Orange County Probation Department pertain to individuals who received a final disposition. In contrast to juvenile arrests which includes ages 10-17 with 18-year-olds handled by the juvenile court as adult, arrests referrals include ages up to 24 years. Almost all of these referrals involve a criminal offense because arrests for status offenses are generally handled by the arresting agency. Disposition actions on referrals can include diversion informal supervision under the Welfare Institution Code 654 deferred entry of judgment or consideration by the juvenile court for wardship or dismissal. This indicator counts only one disposition per minor per day.

Total Probation Referrals with Final Case Disposition, 2009 to 2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total Case Dispositions	11,531	11,533	10,454	8,882	7,821	7,156	5,808	5,617	5,098	4,250

Source: Juvenile Court and Probation Statistical System

Total Number and Percent of Juvenile Probation Referrals by Age, 2009 to 2018

Age in years	2009		2010		2011		2012		2013	
	No.	%	No.	%	No.	%	No.	%	No.	%
10 & Under	35	0.3	34	0.3	35	0.3	20	0.2	10	0.1
11	34	0.3	24	0.2	30	0.3	19	0.2	19	0.2
12	138	1.2	121	1.0	113	1.1	96	1.1	80	1.0
13	505	4.4	484	4.2	403	3.9	276	3.1	291	3.7
14	1,187	10.3	1,027	8.9	919	8.8	718	8.1	659	8.4
15	2,109	18.3	1,929	16.7	1,780	17.0	1,456	16.4	1,168	14.9
16	2,566	22.3	2,766	24.0	2,527	24.2	2,073	23.3	1,807	23.1
17	3,116	27.0	3,174	27.5	2,927	28.0	2,621	29.5	2,260	28.9
18 & Older	1,841	16.0	1,974	17.1	1,720	16.5	1,603	18.0	1,527	19.5
Total Referrals	11,531	100.0	11,533	100.0	10,454	100.0	8,882	100.0	7,821	100.0
Age in years	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
10 & Under	6	0.1	8	0.1	8	0.1	12	0.2	4	0.1%
11	7	0.1	10	0.2	11	0.2	9	0.2	10	0.2%
12	50	0.7	49	0.8	60	1.1	40	0.8	45	1.1%
13	231	3.2	184	3.2	185	3.3	202	4.0	177	4.2%
14	584	8.2	419	7.2	479	8.5	410	8.0	431	10.1%
15	1,131	15.8	915	15.8	844	15.0	792	15.5	662	15.6%
16	1,594	22.3	1,408	24.2	1,322	23.5	1,111	21.8	900	21.2%
17	1,997	27.9	1,601	27.6	1,655	29.5	1,478	29.0	1,097	25.8%
18 & Older	1,556	21.7	1,214	20.9	1,053	18.7	1,044	20.5	924	21.7%
Total Referrals	7,156	100.0	5,808	100.0	5,617	100.0	5,098	100.0	4,250	100.0%

Note: Due to rounding percentages may not add up to 100.
Source: Juvenile Court and Probation Statistical System

Supplemental Tables: Safe Home and Communities

Probation Referrals, by City of Residence*, 2009 to 2018

CITY	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ALISO VIEJO	62	80	74	56	60	66	45	33	27	17
ANAHEIM	1,793	1,699	1,621	1,410	1,439	1,259	1,059	1005	938	814
BREA	68	69	67	41	39	27	36	24	23	26
BUENA PARK	324	359	314	230	242	202	166	166	117	117
COSTA MESA	376	416	328	299	279	246	223	232	175	117
CYPRESS	81	82	97	63	66	50	30	36	26	27
DANA POINT	71	73	64	58	71	28	23	31	26	17
FOUNTAIN VALLEY	115	124	105	73	66	61	24	25	24	28
FULLERTON	507	509	431	352	374	370	326	288	273	183
GARDEN GROVE	649	780	643	612	496	482	342	312	313	226
HUNTINGTON BEACH	412	422	380	300	325	249	184	143	140	130
IRVINE	336	342	312	229	231	170	150	155	124	111
LA HABRA	304	333	290	183	183	154	128	127	114	107
LA PALMA	29	32	26	16	17	13	5	15	11	18
LAGUNA BEACH	22	60	45	25	15	22	20	14	10	7
LAGUNA HILLS	52	53	54	73	41	24	26	20	22	20
LAGUNA NIGUEL	100	115	114	93	75	50	59	54	38	41
LAGUNA WOODS			1	1						-
LAKE FOREST	174	159	167	156	154	90	89	84	62	57
LOS ALAMITOS	32	24	21	14	16	19	12	12	11	4
MISSION VIEJO	159	173	144	129	97	82	88	72	58	43
NEWPORT BEACH	100	118	77	79	94	73	58	43	43	33
ORANGE	523	602	580	411	378	369	279	318	241	197
PLACENTIA	164	187	170	135	121	123	105	87	60	89
RANCHO SANTA MARGARITA	80	103	83	64	65	39	41	39	26	25
SAN CLEMENTE	148	159	124	99	97	83	59	43	41	42
SAN JUAN CAPISTRANO	176	195	163	120	121	110	92	66	53	46
SANTA ANA	2,097	2,303	2,172	1,707	1,616	1,465	1,188	1168	1137	902
SEAL BEACH	26	15	14	6	6	10	3	3	3	2
STANTON	137	163	145	109	95	104	75	82	93	58
TUSTIN	293	338	272	218	178	134	139	161	200	151
VILLA PARK	5	8	4	2	4	3	1	2	3	0
WESTMINSTER	262	289	255	162	171	197	125	93	95	76
YORBA LINDA	91	91	88	51	56	73	52	60	31	25
UNINCORPORATED AREAS	109	122	101	79	80	72	48	43	47	38
OUT OF COUNTY/UNKNOWN	1,654	936	908	1,227	453	637	508	561	493	456
TOTAL	11,531	11,533	10,454	8,882	7,821	7,156	5,808	5,617	5,098	4,250

*As of last known address

Source: Orange County Probation Department Strategic Support Division Juvenile Court and Probation Statistical System

Supplemental Tables: Safe Home and Communities

Total Felony Referrals Broken Down by Offense at Time of Arrest, 2009 to 2018

OFFENSE	2009		2010		2011		2012		2013	
	No.	%	No.	%	No.	%	No.	%	No.	%
Homicide	43	5.0	26	3.4	17	2.5	15	2.6	10	2.2
Manslaughter-Vehicular	0	0.0	3	0.4	4	0.6	2	0.3	1	0.2
Forcible Rape	23	2.6	23	3.0	35	5.2	24	4.1	21	4.6
Robbery	317	36.5	314	40.5	264	39.3	220	37.7	154	33.5
Assault	485	55.9	409	52.8	351	52.3	323	55.3	274	59.6
TOTAL	868	100.0	775	100.0	671	100.0	584	100.0	460	100.0
Burglary	1,057	62.4	1,051	64.3	955	64.7	745	64.3	601	64.2
Theft	431	25.4	427	26.1	366	24.8	295	25.5	238	25.4
Motor Vehicle Theft	154	9.1	112	6.9	118	8.0	77	6.6	66	7.1
Forgery/Checks/Access Card	16	0.9	17	1.0	13	0.9	18	1.6	11	1.2
Arson	36	2.1	27	1.7	25	1.7	24	2.1	20	2.1
TOTAL	1694	100.0	1,634	100.0	1,477	100.0	1,159	100.0	936	100.0
Narcotics	111	22.5	135	21.5	154	26.4	85	22.1	80	20.2
Marijuana	157	31.8	157	25.0	155	26.5	130	33.9	161	40.6
Dangerous Drugs	220	44.6	325	51.7	272	46.6	165	43.0	155	39.0
Other Drug Violations	5	1.0	12	1.9	3	0.5	4	1.0	1	0.3
TOTAL	493	100.0	629	100.0	584	100.0	384	100.0	397	100.0
TOTAL ALL OTHER	1,867	100.0	1,881	100.0	1,622	100.0	1,300	100.0	1,084	100.0
TOTAL FELONY	4,922	100.0	4,919	100.0	4,354	100.0	3,427	100.0	2,877	100.0

Supplemental Tables: Safe Home and Communities

Total Felony Referrals Broken Down by Offense at Time of Arrest, 2009 to 2018 (Continued)

OFFENSE	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Homicide	8	1.9	6	1.2	8	1.5	12	2.1	14	2.9%
Manslaughter-Vehicular	2	0.5	1	0.2	1	0.2	1	0.2	0	0.0%
Forcible Rape	24	5.6	23	4.6	21	4.0	43	7.7	32	6.5%
Robbery	128	30.0	163	32.7	162	30.8	189	33.8	181	36.9%
Assault	264	62.0	305	61.2	334	63.5	314	56.2	263	53.7%
TOTAL	426	100.0	498	100.0	526	100.0	559	100.0	490	100.0%
Burglary	494	63.0	425	63.2	411	63.0	386	59.2		
Theft	214	27.3	162	24.1	155	23.8	151	23.2	281	56.4%
Motor Vehicle Theft	44	5.6	63	9.4	75	11.5	79	12.1	140	28.1%
Forgery/Checks/Access Card	13	1.7	8	1.2	4	0.6	10	1.5	55	11.0%
Arson	19	2.4	15	2.2	7	1.1	26	4.0	4	0.8%
TOTAL	784	100.0	673	100.0	652	100.0	652	100.0	18	3.6%
Narcotics	66	17.1	55	17.5	68	23.6	60	30.9	498	100.0%
Marijuana	165	42.7	104	33.0	95	33.0	27	13.9		
Dangerous Drugs	148	38.3	145	46.0	120	41.7	104	53.6	50	32.7%
Other Drug Violations	7	1.8	11	3.5	5	1.7	3	1.5	22	14.4%
TOTAL	386	100.0	315	100.0	288	100.0	194	100.0	77	50.3%
TOTAL ALL OTHER	1,035	100.0	883	100.0	1004	100.0	978	100.0	4	2.6%
TOTAL FELONY	2,631	100.0	2,369	100.0	2,470	100.0	2,383	100.0	153	100.0%

Note: Due to rounding percentages may not add up to 100.

Source: Juvenile Court and Probation Statistical System

Supplemental Tables: Safe Home and Communities

Total Number and Percent of Probation Referrals, by Final Case Disposition, 2009 to 2018

Final Case Disposition	2009		2010		2011		2012		2013	
	No.	%	No.	%	No.	%	No.	%	No.	%
Closed/Dismissed	4,980	43.2	4,942	42.9	3,915	37.4	2,716	30.6	2,561	32.7
Informal Probation: 'W&I 654A W&I 725A : Referral to Peer Court / Contract Diversion Programs	1,506	13.1	1,753	15.2	1,801	17.2	1,669	18.8	1,393	17.8
Formal Probation as a Ward of the Juvenile Court	1,846	16.0	1,835	15.9	1,790	17.1	1,801	20.3	1,608	20.6
Incarceration: County Institution (Juvenile Hall or an Open Institution)	2,511	21.8	2,365	20.5	2,334	22.3	2,254	25.4	2,038	26.1
Incarceration: State Institution (Division of Juvenile Justice)	4	0.0	4	0.0	4	0.0	0	0.0	1	0.0
Other Dispositions*	684	5.9	634	5.5	610	5.8	442	5.0	220	2.8
Total	11,531	100.0	11,533	100.0	10,454	100.0	8,882	100.0	7,821	100.0
Final Case Disposition	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Closed/Dismissed	2,627	36.7	2,477	42.6	2,550	45.4	2,256	44.3	1,768	41.6
Informal Probation: 'W&I 654A W&I 725A : Referral to Peer Court / Contract Diversion Programs	1,124	15.7	688	11.8	784	14.0	714	14.0	496	11.7
Formal Probation as a Ward of the Juvenile Court	1,311	18.3	1,005	17.3	984	17.5	887	17.4	825	19.4
Incarceration: County Institution (Juvenile Hall or an Open Institution)	1,889	26.4	1,428	24.6	1,084	19.3	1,038	20.4	1,017	23.9
Incarceration: State Institution (Division of Juvenile Justice)	0	0.0	0	0.0	1	0.0	6	0.1	4	.1
Other Dispositions*	205	2.9	210	3.6	214	3.8	197	3.9	140	3.3
Total	7,156	100.0	5,808	100.0	5,617	100.0	5,098	100.0	4,250	100.0

* For 2016 other dispositions include 170 Deferred Entry of Judgment cases 41 direct files to Adult Court and 3 remands of juvenile cases to Adult Court. Placements in other public and private facilities were previously included in this category but are now included in the ward category.

Note: Due to rounding percentages may not add up to 100.

Source: Juvenile Court and Probation Statistical System

Supplemental Tables: Safe Home and Communities

Total Number and Percent of Probation Referrals, by Race and Ethnicity, 2009 to 2018

Race and Ethnicity	2009		2010		2011		2012		2013	
	No.	%	No.	%	No.	%	No.	%	No.	%
Non-Hispanic White	2,793	24.2	2,697	23.4	2,301	22.0%	1,859	20.9	1,641	21.0
Hispanic	7,440	64.5	7,593	65.8	7,049	67.4%	6,135	69.1	5,361	68.5
Asian & Pacific Islander	536	4.6	534	4.6	503	4.8%	370	4.2	331	4.2
Black or African American	489	4.2	480	4.2	392	3.7%	355	4.0	305	3.9
All Other Races	273	2.4	229	2.0	209	2.0%	163	1.8	183	2.3
Total Referrals	11,531	100.0	11,533	100.0	10,454	100.0	8,882	100.0	7,821	100.0
Race and Ethnicity	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Non-Hispanic White	1,345	18.8	981	16.9	983	17.5	856	16.8	616	14.5
Hispanic	5,100	71.3	4,159	71.6	3,914	69.7	3,534	69.3	3,113	73.2
Asian & Pacific Islander	325	4.5	239	4.1	188	3.3	181	3.6	124	2.9
Black or African American	246	3.4	294	5.1	310	5.5	287	5.6	222	5.2
All Other Races	140	2.0	135	2.3	222	4.0	240	4.7	175	4.1
Total Referrals	7,156	100.0	5,808	100.0	5,617	100.0	5,098	100	4,250	100

Note: Due to rounding percentages may not add up to 100.

Source: Orange County Probation Department Research Division Juvenile Court and Probation Statistical System

Total Number and Rate per 100,000 of Probation Referrals Incarcerated in County Institutions and the Division of Juvenile Justice California Department of Corrections & Rehabilitation, 2009 to 2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total Number of Referrals Incarcerated in County & State Institutions	2,515	2,369	2,338	2,254	2,039	1,889	1,428	1,085	1,043	1,017
Rate Per 100,000*	500	469	464	448	409	382	288	219	211	207

*Based on age group 11-21 where majority of referrals fall within

Sources: Orange County Probation Department Strategic Support Division Juvenile Court and Probation Statistical System; California State Department of Finance Demographic Research Unit (Population Projections for 2010 to 2060; Jan 2018 Population Projections for 2016)

Supplemental Tables: Safe Home and Communities

Indicator: JUVENILE SUSTAINED PETITIONS

Juvenile Sustained Petitions by City Referred Youth 10-17 Years Old, 2018

City	Number	Percent	City	Number	Percent
ALISO VIEJO	5	.2	LAKE FOREST	19	1.4
ANAHEIM	290	21.7	LOS ALAMITOS	1	.1
BREA	2	.1	MISSION VIEJO	5	1.0
BUENA PARK	29	2.3	NEWPORT BEACH	5	.4
COSTA MESA	28	3.3	ORANGE	65	5.5
CYPRESS	3	.6	PLACENTIA	32	1.1
DANA POINT	4	.2	RANCHO SANTA MARGARITA	12	.4
FOUNTAIN VALLEY	6	.1	SAN CLEMENTE	7	0.3
FULLERTON	46	5.7	SAN JUAN CAPISTRANO	11	0.8
GARDEN GROVE	83	5.4	SANTA ANA	329	30.9
HUNTINGTON BEACH	41	1.1	SEAL BEACH	0	.0
IRVINE	35	1.8	STANTON	10	2.1
LA HABRA	28	2.2	TUSTIN	54	2.9
LA PALMA	6	.1	WESTMINSTER	19	1.2
LAGUNA BEACH	1	.1	YORBA LINDA	9	0.1
LAGUNA HILLS	4	.5	UNINCORPORATED AREAS/CENSUS DESIGNATED PLACES	9	0.7
LAGUNA NIGUEL	10	.4	OUT OF COUNTY/UNKNOWN/MISSING	94	5.1
			TOTAL	1,302	100.0

Source: Orange County Probation Department, Strategic Support Division

Supplemental Tables: Safe Home and Communities

Juvenile Sustained Petitions Youth 10 to 17 Years Old, by Sex, 2018

	Frequency	Percent
Female	229	17.6
Male	1,073	82.4
Total	1,302	100.0

Source: Juvenile Court and Statistical System

Juvenile Sustained Petitions Youth 10 to 17 Years Old, by Age, 2018

	Frequency	Percent
12 to 14	196	15.1
15 to 17	1,106	84.9
Total	1,302	100.0

Source: Juvenile Court and Statistical System

Juvenile Sustained Petitions Youth 10 to 17 Years Old, by Race and Ethnicity, 2018

	Frequency	Percent
Asian & Pacific Islander	24	1.8
Black	44	3.4
Hispanic	1,027	78.9
White	159	12.2
Other/Unknown	48	3.7
Total	1,302	100.0

Source: Juvenile Court and Statistical System

Supplemental Tables: Safe Home and Communities

Indicator: **GANG ACTIVITY AMONG YOUTH**

Gang Related Prosecutions by Crime Type, 2010 to 2019

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Assault	179	137	80	78	69	58	50	33	33	26
Burglary	26	36	30	11	6	2	2		1	
Homicide/Manslaughter	16	26	9	9		3	8	14	5	14
Narcotics sales	17	34	6	6	13	4	15	2		2
Narcotics possession	27	21	7	6	2	5			1	1
Other	237	224	172	128	97	58	51	40	39	35
Parole Violator	43	52	16	14	3	3	3			1
Robbery	109	84	73	38	33	21	26	36	19	19
Sexual Assault										
Theft	23	20	16	10	8	10	6	14	5	2
Weapons	109	74	75	49	29	51	41	29	23	22
# of Total Cases	786	708	484	349	260	215	202	168	126	122

Source: Orange County District Attorney's Office

Number of Gang Related Prosecutions, Total and by Unique Individuals, and Percent by Repeat Offenders, 2010 to 2019

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Number of Gang Related Prosecutions	786	708	484	349	260	215	202	168	126	122
Number of Unique Juveniles with Gang Related Prosecutions	491	411	313	212	187	153	153	113	102	96
Percent of Gang Related Prosecutions by Repeat Offenders	35%	41%	33%	32%	24%	28%	29%	19%	14%	

Source: Orange County District Attorney's Office

Supplemental Tables: Safe Home and Communities

Number and Percent of Gang Related Prosecutions, by Age, 2010 to 2019

	2010		2011		2012		2013		2014	
Age	No.	%	No.	%	No.	%	No.	%	No.	%
13 and under	17	3%	15	4%	17	5%	11	5%	8	4%
14	57	12%	43	10%	24	8%	23	11%	27	14%
15	104	21%	82	20%	62	20%	39	18%	28	15%
16	152	31%	122	30%	95	30%	61	29%	55	29%
17	161	33%	149	36%	115	37%	78	37%	69	37%
Total	491	100%	411	100%	313	100%	212	100%	187	100%
	2015		2016		2017		2018		2019	
Age	No.	%	No.	%	No.	%	No.	%	No.	%
13 and under	9	6%	11	7%	6	5%	4	4%	3	3.2%
14	15	10%	14	9%	13	12%	17	17%	5	5.2%
15	32	21%	34	22%	23	20%	19	19%	21	21.9%
16	49	32%	47	31%	32	28%	24	24%	31	32.3%
17	48	31%	47	31%	39	35%	36	36%	36	37.5%
Total	153	100%	153	100%	113	100%	100	100%	96	100%

Source: Orange County District Attorney's Office

Number and Percent of Gang Related Prosecutions, by Race/Ethnicity, 2010 to 2019

	2010		2011		2012		2013		2014	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
Asian or Pacific Islander	21	4%	22	5%	9	3%	6	3%	5	3%
Black or African American	4	1%	3	1%	0	0%	1	0%	1	1%
Hispanic or Latino	449	91%	370	90%	294	94%	199	94%	172	92%
Non- Hispanic White	9	2%	12	3%	7	2%	4	2%	6	3%
Other/ Unknown	8	2%	6	1%	3	1%	2	1%	3	2%
Total	491	100%	413	100%	313	100%	212	100%	187	100%
	2015		2016		2017		2018		2019	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
Asian or Pacific Islander	2	1%	6	4%	4	4%	1	1%	1	1%
Black or African American	6	4%	0	0%	3	3%	3	3%	2	2%
Hispanic or Latino	140	92%	145	95%	104	92%	92	92%	90	94%
Non- Hispanic White	3	2%	2	1%	1	1%	3	3%	1	1%
Other/ Unknown	2	1%	0	0%	1	1%	1	1%	1	1%
Total	153	100%	153	100%	113	100%	100	100%	96	100%

Source: Orange County District Attorney's Office

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