

THE 24TH ANNUAL REPORT ON THE
CONDITIONS OF CHILDREN
IN ORANGE COUNTY



LETTER FROM THE CHAIR

The future of Orange County rests in the health and well-being of our children. Each year, our Conditions of Children Report allows us an opportunity to assess our progress in order to ensure their future is bright.

There are many areas in which we have done well as a county this past year. For example, infant mortality rates are at their lowest level, and immunization rates for kindergartners are at their highest level in 10 years, while teen births have decreased by half. Student academic performance has improved in both literacy and math, with economically disadvantaged students showing the greatest improvement on standardized testing. Additionally, substantiated child abuse is down, as are juvenile arrests and youth gang-related activity. These improvements are the result of committed individuals and organizations working tirelessly to improve the lives of youth across Orange County.

While we continue to make great strides forward in many areas, we also recognize that our focus and innovative efforts are required to move the needle on other fronts. We must prioritize action to combat childhood poverty, obesity, housing insecurity and other issues that have substantial negative impacts on our children. Mental health continues to be an area in need of our attention. After dropping in 2015, children's mental health and substance abuse related hospitalizations rose again in 2016. We must also continue to address disparities between ethnicities and races that persist for several of the indicators this report tracks. Innovative programs and approaches are needed to safeguard the well-being of our children.

As Chair of the Orange County Children's Partnership, I am confident that by working together and investing in innovative solutions, such as providing mental health clinicians in schools or fostering public-private partnerships, we can help create a brighter future for every child. I hope this report will aid you as a resource by providing critical information in order to make Orange County a place where children continue to thrive. Join me, the Orange County Children's Partnership, and the more than 20 organizations working on behalf of children and families in Orange County in forging a better future for our children, our communities and our world.

Sincerely,



Andrew Do
Chair, Orange County Children's Partnership

ORANGE COUNTY CHILDREN'S PARTNERSHIP 2018 MEMBERS

Chair

Supervisor Andrew Do
First District
Chairman of the Orange County
Board of Supervisors

Vice Chair

Anne Bloxom
County of Orange Social Services
Agency/Children & Family
Services Division Director

Members

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The Raise Foundation

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Agency Director

Kimberly Goll, MURP
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Commission of Orange County

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Agency/Public Health Officer

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County Juvenile Court

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Shatoya Wallace
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Susan Leibel
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Cheryl Meronk, MSG, MBA
CalOptima

Al Mijares, Ph.D.
Orange County Superintendent
of Schools

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South Orange County SELPA

Paula Noden
Regional Center
of Orange County

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Orange County, County Counsel

Sharon Petrosino
Public Defender

Tony Rackauckas
Orange County District Attorney

Richard Sanchez, REHS, MPH
Orange County Health Care
Agency Director

Denise Schleicher
Contract Attorney for Children

Steven J. Sentman
Chief Probation Officer

Vacant
Foster Parent Representative

Vacant
Group Home Representative

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

Several indicators show overall improvement in children's health, education and safety. Yet one in six children (17%) in Orange County are living in poverty.

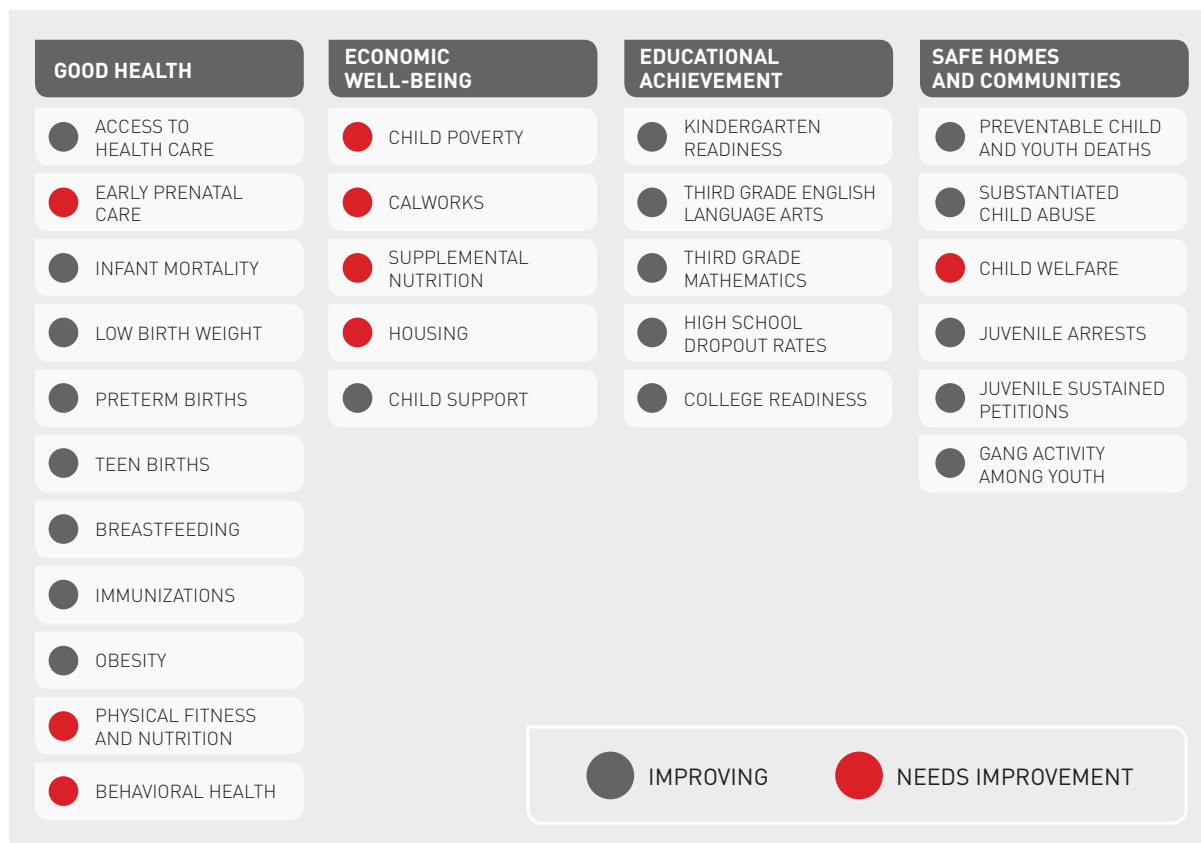
The 24th Annual Report on the Conditions of Children in Orange County studies four interdependent focus areas: Good Health, Economic Well-Being, Educational Achievement and Safe Homes and Communities. Each focus area includes the most recent data for indicators to assess improving or worsening trends over 10 years.

Orange County children remain in good health with an uninsured rate of 2.5%, and teen birth rates and infant mortality rates at their lowest in 10 years. While there was a 10-year increase in children experiencing housing insecurity, fewer children were impacted in 2016/2017 than previous year. Students continue to show academic improvement, especially children in migrant education and children who are economically disadvantaged. The percentage of children and youth entering foster care and placed in a permanent home within 12 months has shown significant improvement and is now higher than the percentage in California.

Along with the positive trends, there are areas of concern, including serious mental illness,

continued disparities and an increase in the number of children living in poverty. Mental health related-hospitalizations grew 73% in the past 10 years. The overlay maps in this report explore the intersection of teen self-harm with other conditions such as school connectedness and chronic sadness and hopelessness. Also, disparities exist in Orange County among races and ethnicities, geographic communities, and school districts, depending on the indicator. Lastly, families continue to struggle economically, with more children (49%) eligible for free and reduced-price lunch while at the same time enrollment in CalWORKs, CalFresh and the Women, Infants, and Children (WIC) programs continue to decline.

Highlighting 10-year trends allows us to explore steady or improving indicators, such as uninsured rates and foster care placement in permanent homes, as well as indicators that need improvement, such as serious mental illness and disparities that need further exploration and attention so that all children in Orange County can thrive.



THE WORK OF THE ORANGE COUNTY CHILDREN'S PARTNERSHIP

The Orange County Children's Partnership (OCCP) is a unified voice that champions health, education, safety and economic stability by advancing more responsive services that effectively meet the needs of children and families in Orange County communities.

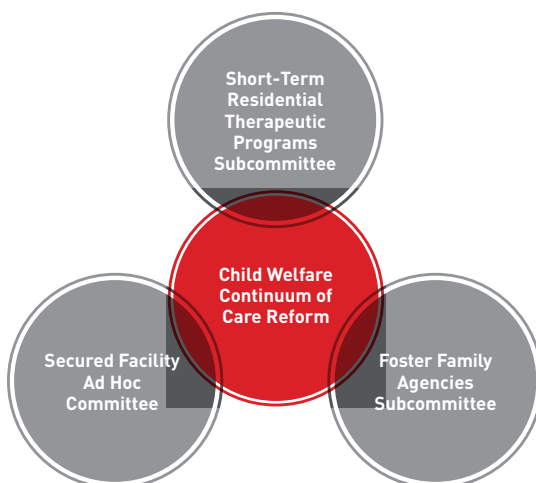
Since 1982, the OCCP, comprised of public and community agencies, has worked tirelessly to address the changing needs of Orange County's children, and create an environment in which all children can thrive. We believe by aligning our efforts we can achieve high impact results. Our priority areas are:

- Child Abuse/Neglect – WE CAN Coalition¹
- Childhood Obesity
- Commercially Sexually Exploited Children
- **Continuum of Care Reform (Assembly Bill 403)**
 - Early Childhood Development
 - Food Security
 - Mental Health Advocacy for Adolescents

2018
Focus

Continuum of Care Reform

While the OCCP's priorities cross many areas, the implementation of Assembly Bill 403, approved by Governor Brown in 2015², continues to be our immediate focus due to the magnitude of restructuring, licensing and training requirements of resource families. Over the past year, the OCCP put structures in place to ensure alignment and coordination, such as increased communication, increased transparency, and increased connectivity with the state for compliance with rules and regulations and timelines.



The OCCP organized two subcommittees and one ad hoc committee (see diagram). These subcommittees report to the OCCP regularly to obtain critical feedback.

Successes in this past year include:

- **Group homes** are beginning to transition to short-term residential therapeutic programs (STRTPs) and obtain provisional licenses. Initial concern that some group homes would close given new requirements has been alleviated.
- The Social Services Agency (SSA) has a closer working relationship with **foster family agencies**, relying on them to train and certify community members as resource families. This relationship allows SSA to focus on training and certifying kin care to become resource families. Improved referral processes have been established.
- OCCP partners have begun to explore a **secured facility** for commercially sexually exploited children and youth with substance use disorders and other high needs to ensure they are safe and able to obtain needed treatment.

Remaining challenges include:

- Meeting the **needs of Orange County's high needs youth** including: obtaining wraparound services for high needs youth placed with resource families to ensure needs are being met, and youth can remain in home; and finding families that can take emergency placements, sibling sets and children with enhanced behavioral and medical needs.
- The **magnitude of changes** all at once continue to challenge the system. The goal is to ensure Assembly Bill 403 is implemented in a timely fashion while meeting the needs of our most fragile and marginalized children.

Advocacy

OCCP has begun to track county and state legislation that impacts children and families. In the future, the OCCP may recommend and collectively take action on these legislative opportunities.

¹ <http://www.ochealthtogether.org/tiles/index/display?alias=wecan>

² https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB403

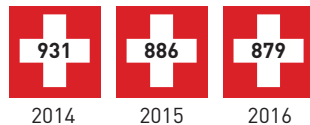
OVERLAYING DATA

The metrics of well-being that indicate success or challenges in communities across the county are interconnected and cannot be separated in the experience of children and families. Since none of the conditions measured in this report occur in isolation, each year the Conditions of Children report examines the intersection of related indicators by overlaying data to see if there are correlations (or lack thereof) to be explored.

This year, the Conditions of Children report examines the intersection of three measures: emergency department (ED) visits among teens because of self-harm; student self-reported chronic sadness; and school connectedness. This set of measures was, in part, selected in response to the increasing rate of suicide among Orange County youth. On average, over the past 10 years, 12.8 Orange County teens committed suicide each year. The annual 10-year average number of suicides among teen males is 9.5 suicide deaths and among females, 3.3 suicide deaths (10-19 year olds).

900 ED VISITS

EMERGENCY DEPARTMENT VISITS FOR SELF-HARM BY OC TEENS EACH YEAR ON AVERAGE BETWEEN 2014 AND 2016



There is an existing, yet complicated relationship between suicide and self-harm. Many who engage in self-harm do not have the intention to self-kill and many who die by suicide have no history of self-harming behavior. However, research connecting self-harm injuries to suicide and suicide attempts identifies self-harm as an important risk factor for suicide and a reason to examine self-harm among youth. Over the past decade in Orange County, teens aged ten to 19 years have experienced an approximate increase of over 25% in the number and rate of Emergency Department visits for self-harm injuries. Between

2014 and 2016 in Orange County, the sizable majority of teen ED visits for self-harm were by females, 74% (n=1,991), compared to males at 26% (n=705). Mostly females experienced the notable rise in the number of ED visits, the steepest increase from 439 in 2010 to 694 in 2014, while males' number of ED visits were between 212 and 237 for those same years. While the actual number of children directly impacted by self-harming behavior and/or suicide may be small, the impact on that child, their family, their

19 SUICIDES IN 2016

OC TEEN SUICIDES INCREASED FROM 7 IN 2007 TO 19 IN 2016



schools, and their community is large.

This exploration in overlaying data demonstrates where the impact may be greatest and identifies other potentially influential factors at play. It may raise further questions and fall short of conclusive findings, but it can be used to highlight areas for further investigation. By working to understand this complex story, Orange County can begin to identify and further support strategies to minimize the overall impact on children and families.

TEEN SELF-HARM, CHRONIC SADNESS, AND SCHOOL CONNECTEDNESS

Both chronic sadness and hopelessness can be risk factors for self-harm. Additionally, within the last 10 years, low school connectedness has been identified as a risk factor for self-harm.

Mapping ED visits for self-harm along with chronic sadness/hopelessness and school connectedness begins to show the role that mental health and a student's environment – including both school and home – has in their decision-making to self-harm and/or commit suicide.

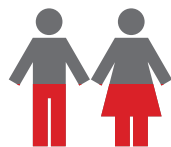
25%

OF STUDENTS FEEL CHRONICALLY SAD OR HOPELESS



45%

OF STUDENTS DO NOT HAVE A HIGH LEVEL OF SCHOOL CONNECTEDNESS



Consistent with the literature, the maps on the following pages show regions within Orange County where there is alignment between higher frequency of ED visits for self-harm among teens and high chronic sadness and low school connectedness, including certain areas of Westminster, Anaheim, and Lake Forest. In contrast, higher school connectedness and low chronic sadness appears to be associated with low self-harm ED visits, as seen in parts of Irvine, for example. Low chronic sadness was associated with low self-harm ED visits in regions of Newport Beach and north Lake Forest.

Areas of interest emerge that reveal exceptions to these linkages. For example, parts of Rancho Santa Margarita show high levels of school connectedness and low chronic sadness, yet have high numbers of self-harm ED visits among teens. Regions of the city of Orange have low school connectedness and high chronic sadness, yet low number of self-harm ED visits among teens. Parts of Garden Grove and Brea have reports of high chronic sadness yet low ED visits. A deeper dive into these areas of interest suggests other factors that may influence these outcomes (see next page).

Indicator Definitions

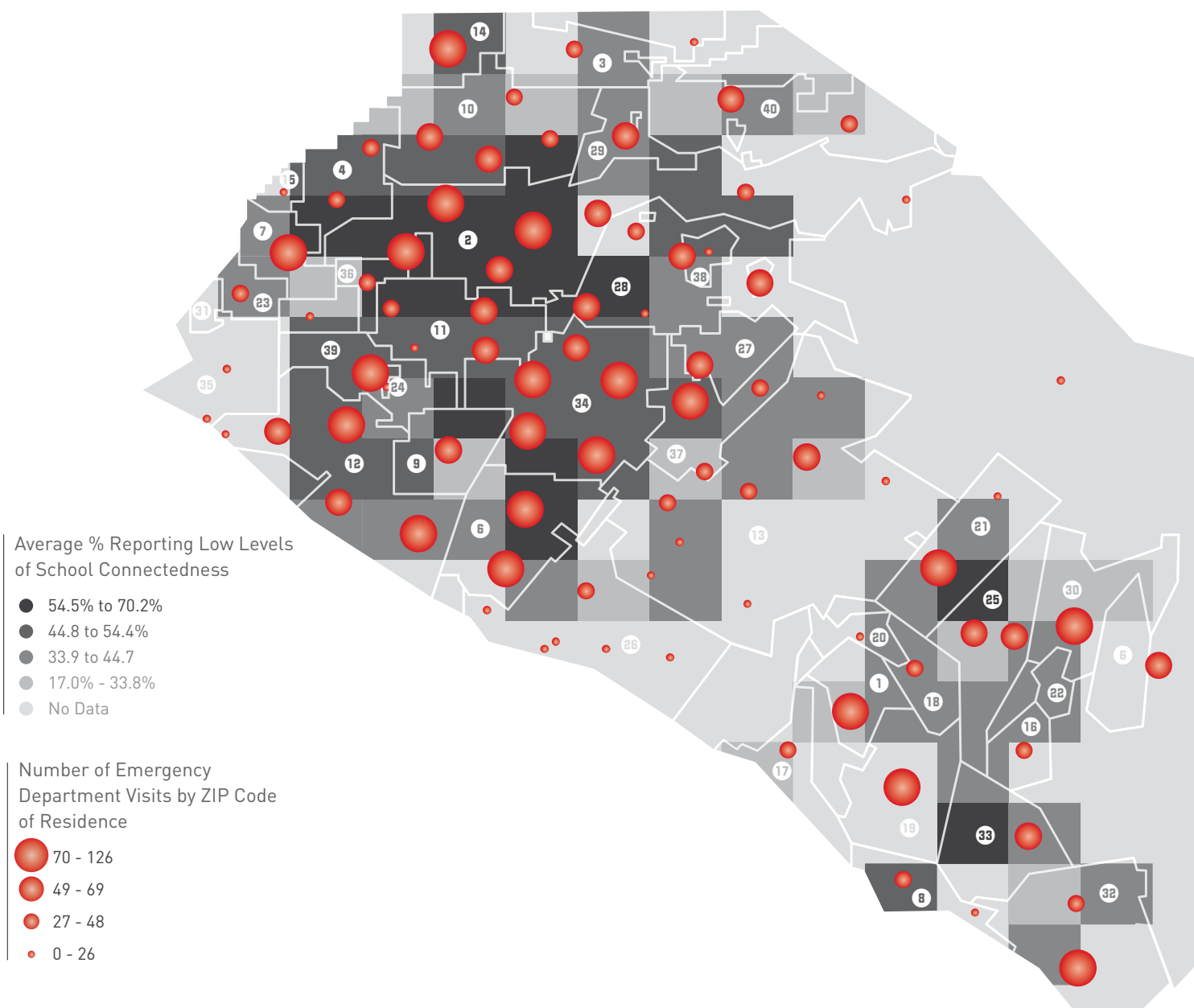
Self-Harm ED Visits: Injuries from self-cutting, self-poisoning (e.g., overdosing on opioid or other medications), as well as other less common mechanisms

Chronic Sadness/Hopelessness: Being so sad or hopeless every day for two weeks or more that they stop doing some usual activities in the previous year

School Connectedness: Being treated fairly, feeling close to people, feeling happy, feeling a part of, and feeling safe at school

¹ The suicide rate data are from the California Department of Public Health Death Static Master File (DSMF) from 2012 to 2016. ² Mental Health First Aid. ³ Klonsky, E.D., May, A.M., & Glenn, C.R. (2013). The relationship between nonsuicidal self-injury and attempted suicide: Converging evidence from four samples. *Journal of Abnormal Psychology*, 221(1), 231-237. ⁴ Victor, S.E. & Klonsky, E.D. (2014). Correlates of Suicide Attempts among self-injurers: A meta-analysis. *Clinical Psychology Review*, 34(4), 282-297. Retrieved from <https://doi.org/10.1016/j.cpr.2014.03.005>. ⁵ Self-Harm ED Visit rates data are from the California Office of Statewide Health Planning and Development (OSHPD) Emergency Department and Patient Discharge Data from years 2012 to 2016. ⁶ Young, R., Sweeting, H. & Ellaway, A. (2011). Do schools differ in suicide risk? the influence of school and neighbourhood on attempted suicide, suicidal ideation and self-harm among secondary school pupils. *BMS Public Health*, 11:874. DOI: 10.1186/1471-2458-11-874. ⁷ The California Healthy Kids Survey (CHKS) is the data source for chronic sadness and school connectedness. CHKS is an anonymous and voluntary survey to measure school health, including school climate, safety and overall wellness. The California Department of Education (CDE) encourages districts serving grades 5-12 to administer the CHKS as part of the California School Climate, Health, and Learning Survey (Cal-SCHLS) System

Teen Self-Harm and School Connectedness

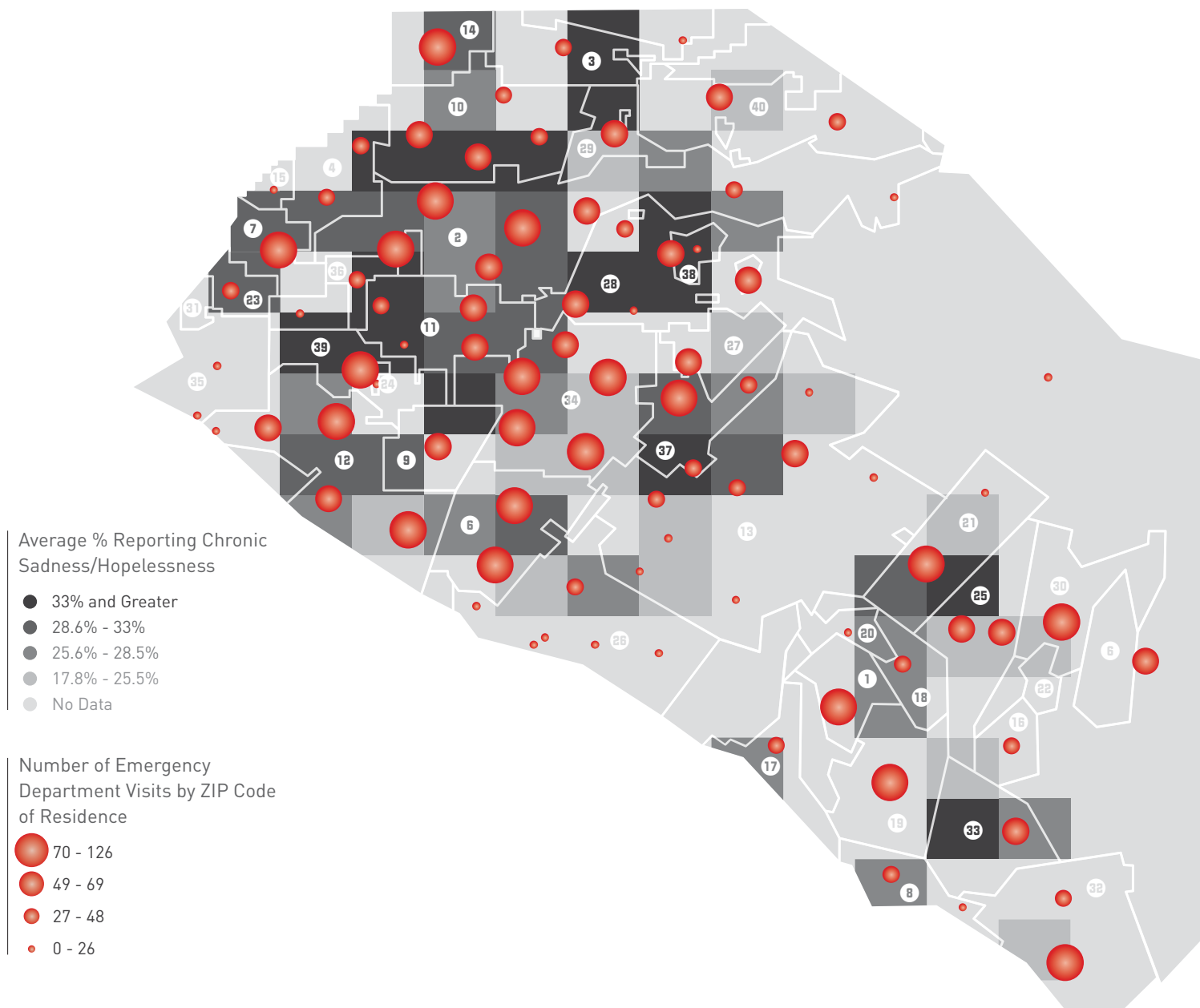


1 ALISO VIEJO	15 LA PALMA	29 PLACENTIA
2 ANAHEIM	16 LADERA RANCH	30 RANCHO SANTA MARGARITA
3 BREA	17 LAGUNA BEACH	31 ROSSMOOR
4 BUENA PARK	18 LAGUNA HILLS	32 SAN CLEMENTE
5 COSTA MESA	19 LAGUNA NIGUEL	33 SAN JUAN CAPISTRANO
6 COTO DE CAZA	20 LAGUNA WOODS	34 SANTA ANA
7 CYPRESS	21 LAKE FOREST	35 SEAL BEACH
8 DANA POINT	22 LAS FLORES	36 STANTON
9 FOUNTAIN VALLEY	23 LOS ALAMITOS	37 TUSTIN
10 FULLERTON	24 MIDWAY CITY	38 VILLA PARK
11 GARDEN GROVE	25 MISSION VIEJO	39 WESTMINSTER
12 HUNTINGTON BEACH	26 NEWPORT BEACH	40 YORBA LINDA
13 IRVINE	27 NORTH TUSTIN	
14 LA HABRA	28 ORANGE	

Other Influencing Factors

Recognizing that the relationship among the three selected indicators is complicated, it is important to acknowledge that other indicators or conditions influence how children live, play and go to school. The table presents a subset of the report's indicators that are potential risk factors for self-harm. A review of these additional factors may help to uncover reasons for why the experiences of children differ across Orange County when it comes to teen self-harm, chronic sadness/hopelessness, and low school connectedness. Readers are encouraged to look at these additional indicators and the extent to which a comparison of the overlay map aligns or does not align with the mapping of these additional indicators.

Teen Self-Harm and Chronic Sadness/Hopelessness



Conditions of Children's Report Indicator

Behavioral Health – Mental Health (p. 32)

Other Influencing Factors

Self-harm is commonly associated with certain mental disorders, such as borderline personality disorder, depression, anxiety disorders, post-traumatic stress disorder and eating disorders.

Behavioral Health – Substance Use (p. 32)

People who harm themselves often do so while under the influence of alcohol or recreational drugs.

Access to Healthcare (p. 12)

Influences prevention, early diagnosis, and treatment of health problems.

Poverty (p. 36)

Influences academic achievement, abuse and neglect, behavioral, social-emotional problems, and physical health problems.

Kindergarten Readiness (p. 48)

Indicator of both a child's family and community supports and environment.

Substantiated Child Abuse (p. 62)

Emotional neglect and abuse are significant predictors for self-harm.

ORANGE COUNTY SNAPSHOT

Population

- Over 3.2 million people are living in Orange County¹
- Median age is 37.7²
- Population increase continues to be driven by natural increase*

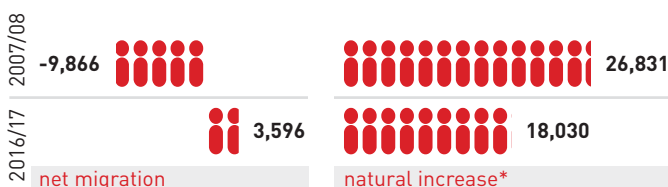
NUMBER OF BIRTHS IN ORANGE COUNTY



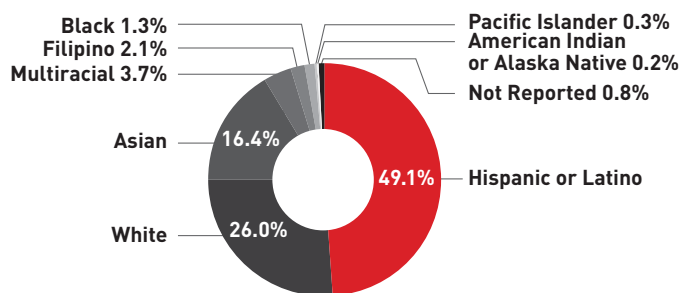
% CHILDREN IN ORANGE COUNTY



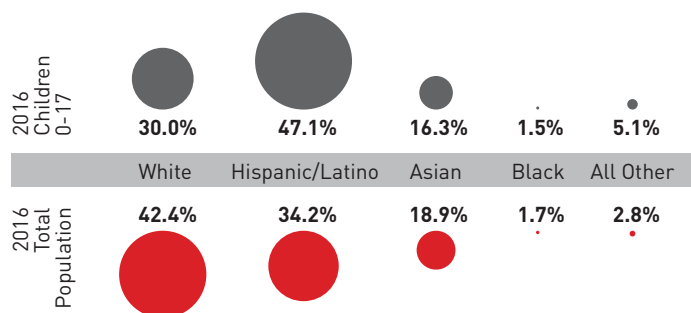
POPULATION INCREASE DUE TO NET MIGRATION VS NATURAL INCREASE⁵



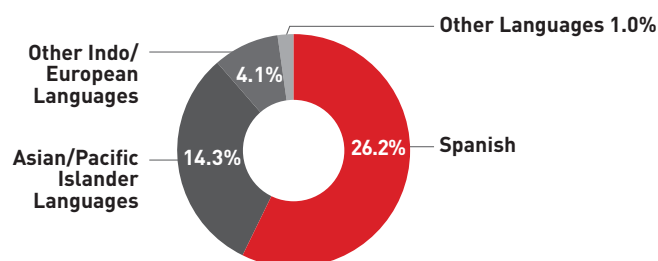
GRADE K-12 STUDENT POPULATION BY RACE/ETHNIC GROUP⁸



DEMOGRAPHICS⁶

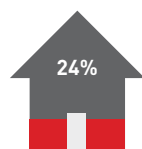


45.7% OF CHILDREN AGES 5 AND OLDER SPEAK A LANGUAGE OTHER THAN ENGLISH AT HOME⁹



Safe Homes and Communities

CHILDREN IN SINGLE PARENT HOUSEHOLDS¹⁰

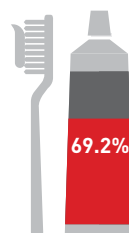


YOUTH AGES 16-24 YEARS OLD WHO ARE NEITHER WORKING NOR IN SCHOOL¹¹



Good Health

LAST VISIT TO THE DENTIST WAS 6 MONTHS AGO OR LESS AMONG 3-11 YEAR OLDS¹²



HEALTH STATUS OF 0 TO 17 YEAR OLDS IS EXCELLENT OR VERY GOOD¹³



Economic Well-Being

- 16.9% of children are living in poverty (120,188)¹⁴
- A minimum wage earner must work 184 hours/week to afford a two-bedroom apartment¹⁵

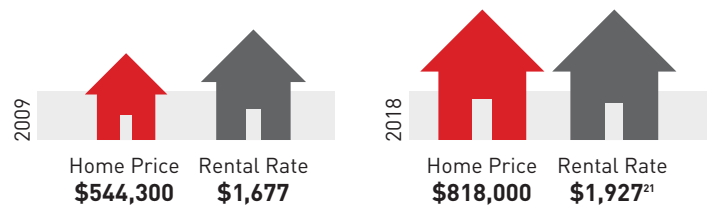
UNEMPLOYMENT



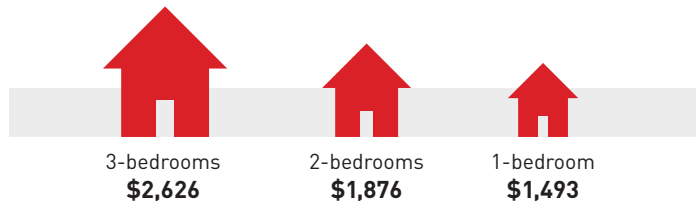
FOOD INSECURITY IN 2016¹⁷



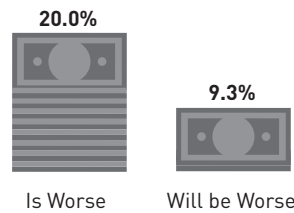
MEDIAN HOME PRICE AND MEDIAN AVERAGE RENTAL RATE²⁰



MEDIAN MARKET RENT¹⁸



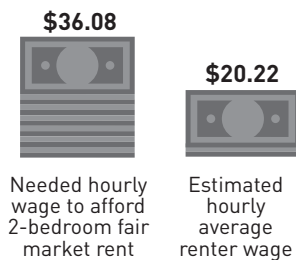
HOUSEHOLD IS WORSE NOW FINANCIALLY THAN IN THE LAST 12 MONTHS²²



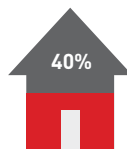
MINIMUM INCOME NEEDED TO PURCHASE A MEDIAN-PRICED HOME²³



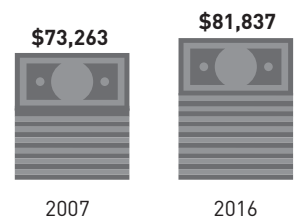
HOURLY WAGE¹⁹



HOUSEHOLDS WHO COULD AFFORD A MEDIAN PRICED HOME IN 2018

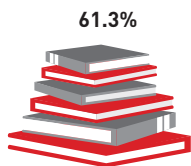


MEDIAN HOUSEHOLD INCOME ADJUSTED FOR INFLATION²⁴



Educational Achievement

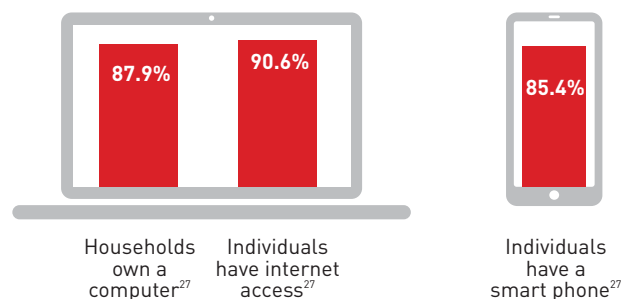
CHILDREN ARE READ TO DAILY (0 TO 5 YEARS OLD)²⁶



2017/18 STUDENT ENROLLMENT²⁵



Access to Technology



¹ California Department of Finance, State and County Population Projections (2010-2016) ² U.S. Census Bureau, 2016 American Community Survey, 1-Year Estimates ³ Orange County Health Care Agency. ⁴ Orange County Health Care Agency. ⁵ California Department of Finance, "E-2. California County Population Estimates and Components of Change by Year - July 1, 2000-2017." Table 1. ⁶ 2016 American Community Survey 5-Year Estimates, Table S0201, S0901 ⁷ 2016 American Community Survey 5-Year Estimates, Table S0901. ⁸ CDE Dataquest, 2017-18. ⁹ American Community Survey 2016 1-Year Estimates, S1601.Language Spoken at Home. ¹⁰ 2016 American Community Survey 5-Year Estimates, Table S0901. ¹¹ "Children in single parent households" means the child(ren) live with mother only or with father only. ¹² Measure of America, 2016, <http://www.measureofamerica.org/disconnected-youth/> ¹³ CHIS, 2016. ¹⁴ American Community Survey 2016 5-Year Estimates, S1701. ¹⁵ National Low Income Housing Coalition, Out of Reach 2018: California, <http://nlihc.org/outofreach/california> ¹⁶ <https://data.bls.gov/map/MapToolServlet>. ¹⁷ Feeding America, Map the Meal Gap, 2016. ¹⁸ Housing and Urban Development, FY2018 Fair Market Rent Documentation System. ¹⁹ National Low Income Housing Coalition, Out of Reach 2018. ²⁰ California Association of Realtors, Historical Housing Data, Median Prices of Existing Detached Home. ²¹ RENTCafe, July 2018. ²² ESRI & MRI GIK, 2017. Survey question asking "Thinking of the last 12 months, do you believe that you and your household are better off or worse off financially than you were one year ago?" ²³ California Association of Realtors, Traditional Housing Affordability Index (HAI) measure. ²⁴ U.S. Census Bureau, 2016 American Community Survey, 1-Year Estimates; ²⁵ CDE Dataquest, 2017/18. ²⁶ CHIS, 2016. ²⁷ 2016 American Community Survey 1-year Estimates, Table S2801

GOOD HEALTH INDICATORS

ACCESS TO HEALTH CARE

PERCENT OF UNINSURED CHILDREN



10.9%
2008

2.5%
2016

PRETERM BIRTHS

PERCENT OF PRETERM BIRTHS



9.8%
2007

8.0%
2016

OBESITY

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



18.3%
2013/14

18.0%
2016/17

EARLY PRENATAL CARE

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



88.1%
2007

87.6%
2016

TEEN BIRTHS

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



29.6
2007

10.9
2016

PHYSICAL FITNESS AND NUTRITION

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



5.8%
2013/14

6.2%
2016/17

INFANT MORTALITY

RATE OF INFANT MORTALITY PER 1,000 LIVE BIRTHS



4.2
2007

1.5
2016

BREASTFEEDING

PERCENT EXCLUSIVE BREASTFEEDING AT TIME OF HOSPITAL DISCHARGE



63.1%
2012

65.8%
2017

BEHAVIORAL HEALTH

HOSPITALIZATION RATE FOR SERIOUS MENTAL ILLNESS AND SUBSTANCE ABUSE



16.8
2007

24.2
2016

LOW BIRTH WEIGHT

PERCENT OF INFANTS WITH LOW BIRTH WEIGHT



6.5%
2007

6.3%
2016

IMMUNIZATIONS

PERCENT OF CHILDREN ADEQUATELY IMMUNIZED BY KINDERGARTEN



90.0%
2008

95.7%
2017



UPWARD TREND
IMPROVEMENT



UPWARD TREND
NEEDS IMPROVEMENT



DOWNWARD TREND
IMPROVEMENT



DOWNWARD TREND
NEEDS IMPROVEMENT



ACCESS TO HEALTH CARE

ACCESS IMPROVES FOR ALL RACIAL AND ETHNIC GROUPS.

DESCRIPTION OF INDICATOR

This indicator reports the number and percentage of children under 18 years old 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 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

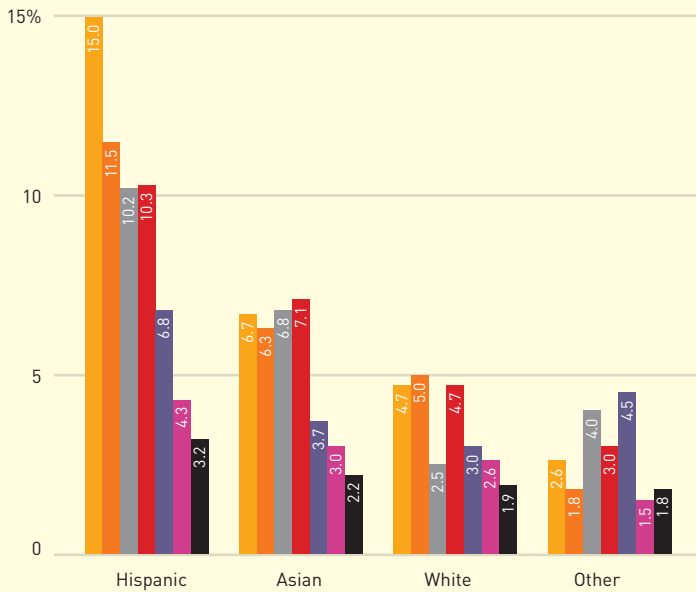
- In 2016, 2.5% of children were uninsured, representing a drop in uninsured rates by 77.1% since 2008 (from 10.9%).
- Orange County went from having a higher rate of uninsured children in 2008 (10.9%) than California (10.0%) and the United States (9.3%), to having a lower rate than both California (2.9%) and the United States (4.5%) in 2016.
- More Hispanic children continue to have higher uninsured rates than other racial/ethnic groups, with 3.2% of Hispanic children uninsured in 2016, compared with Asian children (2.2%), White children (1.9%), and Other races (1.8%). However, this gap is shrinking.
- Uninsured percentages of very young children (0-5 years old) have dropped by 78.7%, from 8.9% in 2009 to 1.9% in 2016. Similarly, rates of uninsured 6-17 year olds have dropped by nearly three-quarters, from 11.2% in 2009 to 2.9% in 2016.
- In addition, the California Health Interview Survey (pooled estimate for 2012 through 2016) reveals:
 - An estimated 10.5% of Orange County children annually did not have a usual source of care to go to when they were sick or needed health advice.
 - Approximately 3.2% of Orange County children experienced a delay or lack of medical care, and 3.6% experienced a delay or lack of needed prescription medications.
 - Most children who had access to a usual source of care went to a doctor's office (69.3%), while 19.0% usually went to a clinic or community hospital. The proportion of children who had no usual source of care or who regularly visited an Emergency Department, urgent care center or other location for well care was approximately 10%.

GOOD HEALTH

Percent of Children Uninsured,
by Race/Ethnicity

2010 to 2016

2010 2011 2012 2013 2014 2015 2016



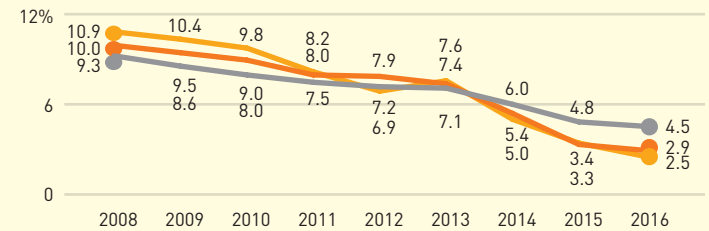
Source: ACS (1 YR estimates, 2010-2016)

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

Percent of Children Under 18 Years Old
Who Were Uninsured

Orange County, California and United States, 2008 to 2016

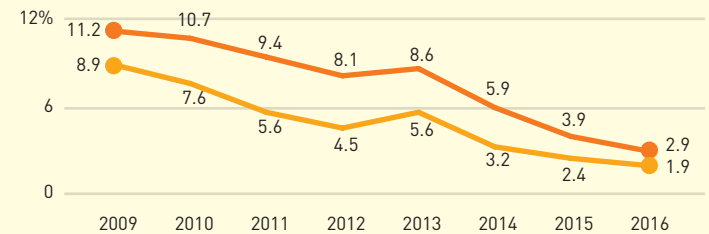
Orange County California United States



Source: U.S. Census Bureau, Tables S2701 (2009-2016 data) and B27001 (2008 data)

By Age Group, 2009 to 2016

6-17 Years 0-5 Years



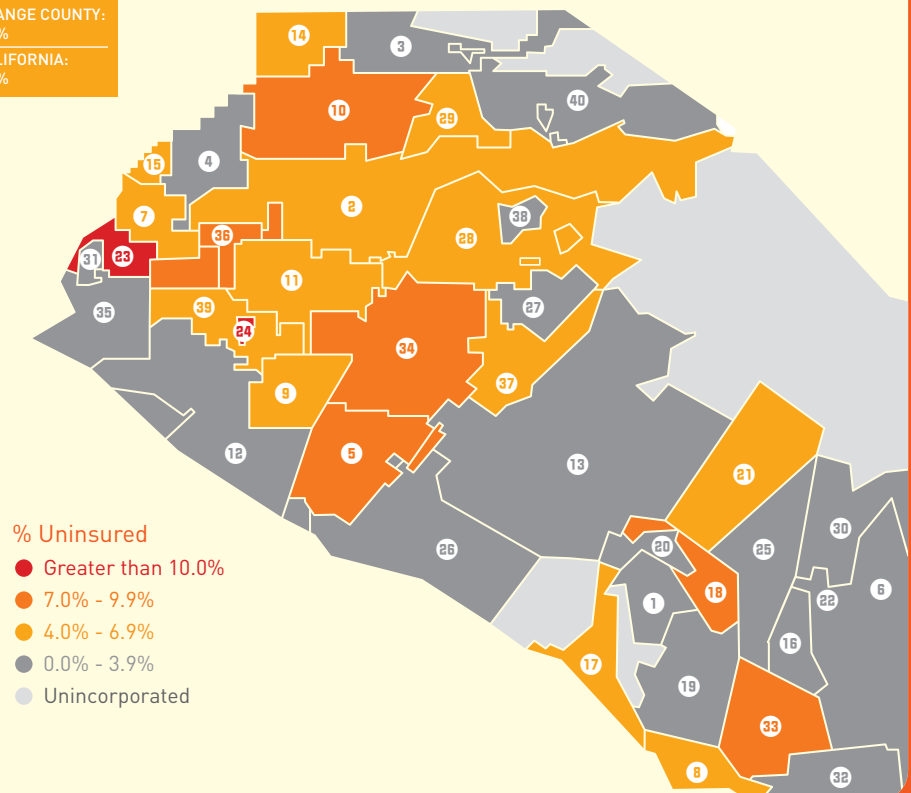
Source: American Community Survey (2009-2016)

Percent of Children Under 18 Years Old Who Were Uninsured, by Community of Residence, 5 Year Average, 2016

1 ALISO VIEJO 2.6%	15 LA PALMA 5.7%	28 ORANGE 4.8%
2 ANAHEIM 5.6%	16 LADERA RANCH 3.3%	29 PLACENTIA 4.4%
3 BREA 3.1%	17 LAGUNA BEACH 4.4%	30 RANCHO SANTA MARGARITA 2.0%
4 BUENA PARK 2.6%	18 LAGUNA HILLS 7.1%	31 ROSSMOOR 2.5%
5 COSTA MESA 7.2%	19 LAGUNA NIGUEL 3.3%	32 SAN CLEMENTE 3.9%
6 COTO DE CAZA 2.5%	20 LAGUNA WOODS 0%	33 SAN JUAN CAPISTRANO 7.6%
7 CYPRESS 5.3%	21 LAKE FOREST 4.9%	34 SANTA ANA 7.6%
8 DANA POINT 5.3%	22 LAS FLORES 0.5%	35 SEAL BEACH 3.7%
9 FOUNTAIN VALLEY 4.0%	23 LOS ALAMITOS 10.9%	36 STANTON 7.1%
10 FULLERTON 7.3%	24 MIDWAY CITY 11.3%	37 TUSTIN 5.4%
11 GARDEN GROVE 4.8%	25 MISSION VIEJO 3.2%	38 VILLA PARK 3.1%
12 HUNTINGTON BEACH 3.3%	26 NEWPORT BEACH 2.3%	39 WESTMINSTER 5.8%
13 IRVINE 3.2%	27 NORTH TUSTIN 2.7%	40 YORBA LINDA 3.4%
14 LA HABRA 6.9%		

ORANGE COUNTY:
2.5%

CALIFORNIA:
2.9%



Source: American Community Survey, 2012-2016, 5 year Average

EARLY PRENATAL CARE

EARLY PRENATAL CARE REMAINS STABLE; DISPARITIES BETWEEN ETHNICITIES AND RACES PERSIST.

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 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 presentation to 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 presentation to prenatal care has been associated with risk of maternal death in all women (especially in minorities), increased rates of preterm delivery, low birth weight, and congenital malformations.²

Findings

- Orange County's 2016 rate of women receiving early prenatal care was 84.4% – greater than the United States (77.1%).³

- In Orange County, the percent of women receiving early prenatal care decreased 4.1% since 2007, dropping from 88.0% in 2007 to 84.4% in 2016.⁴ However, this decrease is correlated with an increase in self-pay deliveries that began in 2014.⁵
 - 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 2016, there were 3,602 self-pay deliveries in Orange County, an increase from 859 in 2007. Nearly 85% of self-pay deliveries in 2016 were among Asian women.
 - When self-pay deliveries are excluded, the percent of women who received early prenatal care in Orange County in 2016 is 87.6%. While this still results in a lower rate than 2007 (88.1%), it reflects a more stable pattern.
- With self-pay deliveries excluded, 91.5% of White women received early prenatal care followed by Asian (89.5%), Hispanic (84.8%) and Black (80.4%) women. The most significant decreases in early prenatal rates are among women of “other” races (9.4%) and Black women (5.5%) since 2007.

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 United States: Centers for Disease Control, National Center for Health Statistics. ⁴ Further analyses of the California Birth Statistical Master Files indicate that early prenatal care in Orange County remains relatively stable when birth circumstances related to self-pay deliveries are considered. However, disparities between ethnicities and races persist. ⁵ 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.

GOOD HEALTH

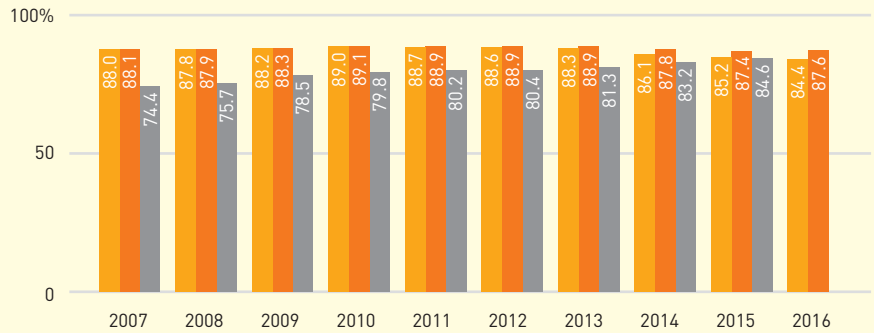
Percent of Women who Received Early Prenatal Care in the First Trimester, Orange County and California, 2007 to 2016

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

Note: California implemented a change in methodology for the collection of prenatal care information beginning in 2007, which likely resulted in reduced reports of early prenatal care after 2006.

California Source: California Department of Health, Vital Statistics Query System. California data not available for 2016.

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



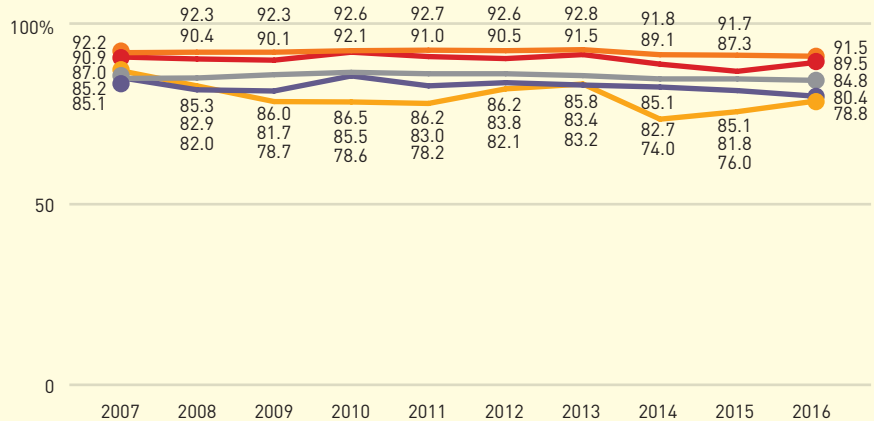
Percentage of Women who Received Early Prenatal Care in the First Trimester, Excluding Self-Pay Deliveries, by Race/Ethnicity, 2007 to 2016

- White
- Other*
- Hispanic
- Asian
- Black

*Other includes Pacific Islander, Multiracial, Other and Unknown.

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 USA statistics. As a result, Hispanic rates are potentially underestimated.

Source: Orange County Health Care Agency, Family Health Division

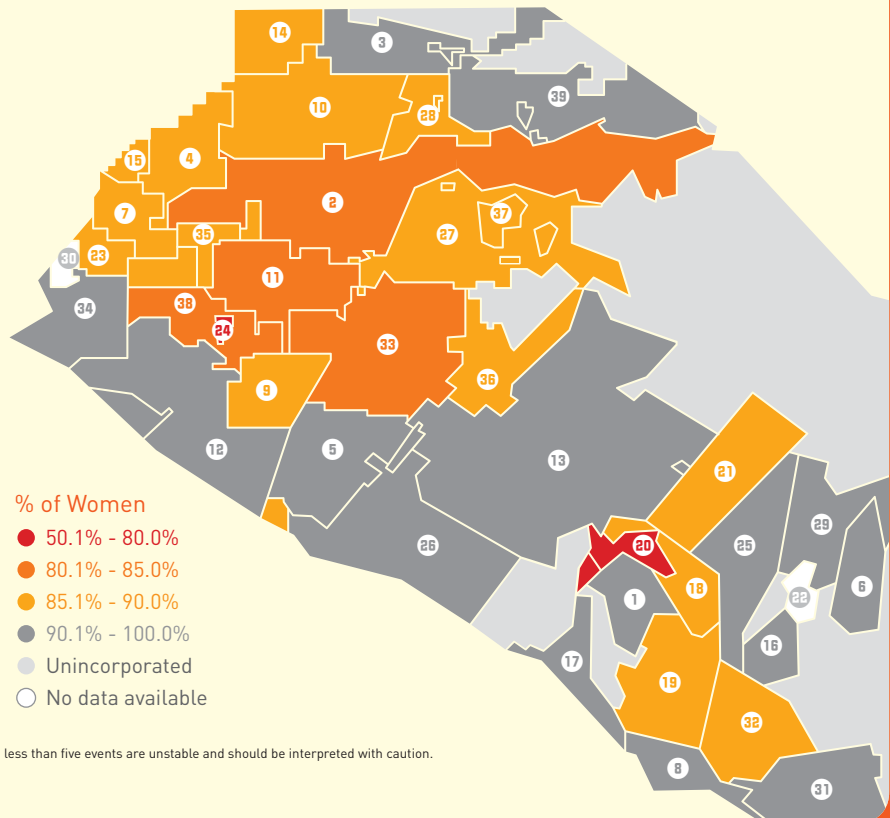


Percent of Women who Received Early Prenatal Care, Excluding Self-Pay Deliveries in Orange County, by City of Residence, 2016

1 ALISO VIEJO 92.4%	15 LA PALMA 86.4%	29 RANCHO SANTA MARGARITA 95.6%
2 ANAHEIM 84.3%	16 LADERA RANCH 94.8%	30 ROSSMOOR N/A
3 BREA 90.3%	17 LAGUNA BEACH 92.6%	31 SAN CLEMENTE 91.0%
4 BUENA PARK 85.7%	18 LAGUNA HILLS 90.0%	32 SAN JUAN CAPISTRANO 85.1%
5 COSTA MESA 90.6%	19 LAGUNA NIGUEL 89.2%	33 SANTA ANA 84.9%
6 COTO DE CAZA 92.5%	20 LAGUNA WOODS* 66.7%	34 SEAL BEACH 92.1%
7 CYPRESS 88.0%	21 LAKE FOREST 89.8%	35 STANTON 85.5%
8 DANA POINT 91.5%	22 LAS FLORES N/A	36 TUSTIN 87.5%
9 FOUNTAIN VALLEY 88.5%	23 LOS ALAMITOS 88.5%	37 VILLA PARK 85.7%
10 FULLERTON 86.7%	24 MIDWAY CITY 77.5%	38 WESTMINSTER 82.6%
11 GARDEN GROVE 82.8%	25 MISSION VIEJO 91.3%	39 YORBA LINDA 91.4%
12 HUNTINGTON BEACH 90.1%	26 NEWPORT BEACH 94.0%	
13 IRVINE 91.8%	27 ORANGE 88.2%	
14 LA HABRA 87.9%	28 PLACENTIA 89.1%	

ORANGE COUNTY:
84.4%

CALIFORNIA:
N/A



Note: N/A is no data available. *Laguna Woods 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

INFANT MORTALITY RATES REACH THEIR LOWEST IN 12 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 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 declines in infant mortality since 2002, there remain significant disparities in the rates among Hispanics in Orange County, which remain higher than the overall county rate. In the past, these disparities had been only partially explained by factors such as adequacy and quality of prenatal care.

Findings

- In 2016, there were 104 infant deaths in Orange County.
- The infant mortality rate was 1.5 deaths per 1,000 births in 2016, a 64.3% decrease since 2007. This is lower than California's rate of 4.2² and the United States' rate of 5.9.³
- Leading causes of infant mortality were congenital anomalies (birth defects) (33.7%), maternal causes⁴ (25.6%), other conditions of the perinatal period (18.7%), all other causes (9.4%), and short gestation/low birth weight (9.3%).
- In 2016, disparities among races and ethnicities narrowed. Infant mortality rates (per 1,000 live births) were highest among Hispanic infants (2.2), followed by White (1.6) and Asian (1.4) infants.⁵

¹ MacDorman, M F, Mathew, MS, 2013. ² State of California, Center for Health Statistics, Vital Statistics Query System. ³ Centers for Disease Control, CDC Wonder, 2016. ⁴ Maternal Causes includes causes such as hypertension, premature rupture of membranes, malpresentation, placenta previa, alcohol/drug abuse, or other complications of labor and delivery. ⁵ See supplemental tables for mortality rates for Black infants.

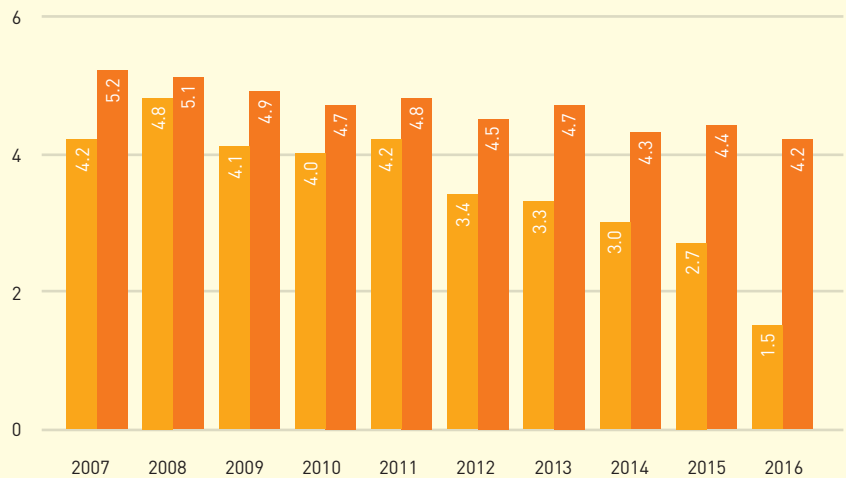
GOOD HEALTH

Rate per 1,000 Live Births Suffering
Infant Mortality

Orange County and California, 2007 to 2016

- Orange County
- California

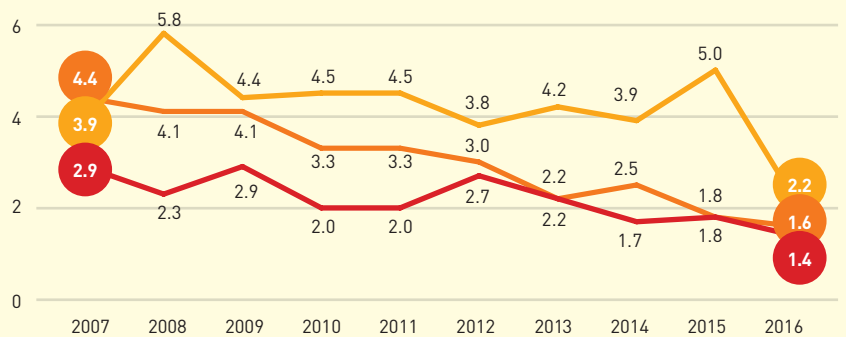
Source: Orange County Health Care Agency

Rate per 1,000 Live Births Suffering
Infant Mortality, by Race and Ethnicity
2007 to 2016

- White
- Hispanic
- 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



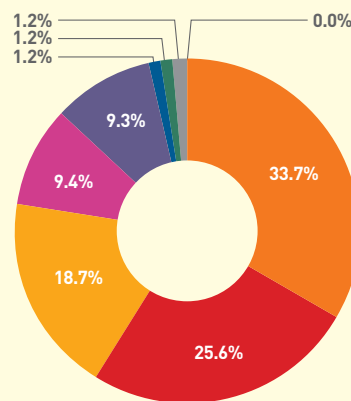
Percent of Infant Deaths, by Cause, 2016

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

* 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: There were 104 infant deaths in 2016. Percent of Infant Deaths are rounded to the nearest whole number, therefore, sum does not equal 100.

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



LOW BIRTH WEIGHT

LOW BIRTH WEIGHT REMAINS UNCHANGED 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 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 Amongst very low birthweight infants, the risks are higher and the negative outcomes more severe, especially the risk of death in the first year with a 22% chance of dying, 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 smoking³, alcohol/drug use during pregnancy, multiple births, poor nutrition, maternal age, socioeconomic factors, domestic violence and maternal or fetal infections.

Findings

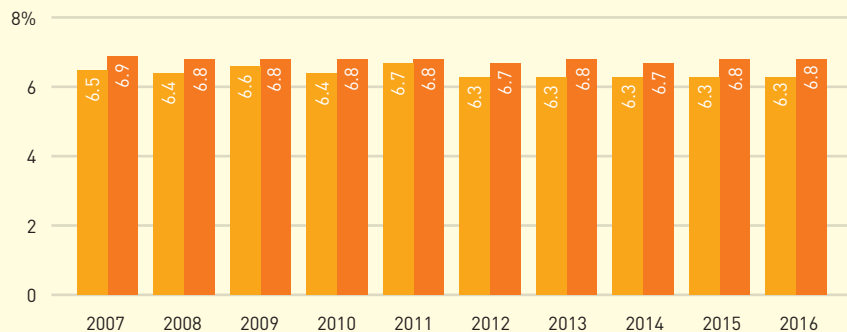
- In 2016, there were 38,121 births to residents in Orange County, of which 6.3% (2,397) were low birth weight infants, a decrease from the high of 6.7% in 2011 and the same rate since 2012.
- Overall, the Orange County rate is lower than the 2016 rates for California (6.8%)⁴ and the United States (8.2%).⁵
- Very low birth weight infants comprised 1.0% (392) of the total births.
- When assessed by race/ethnicity, the percent of low birth weight infants within each group were: Black (11.0%), Asian (6.8%) Hispanic (6.4%), and White (5.3%) infants.

GOOD HEALTH

Percent of Infants with Low Birth Weight
Orange County and California, 2007 to 2016

- Orange County
- California

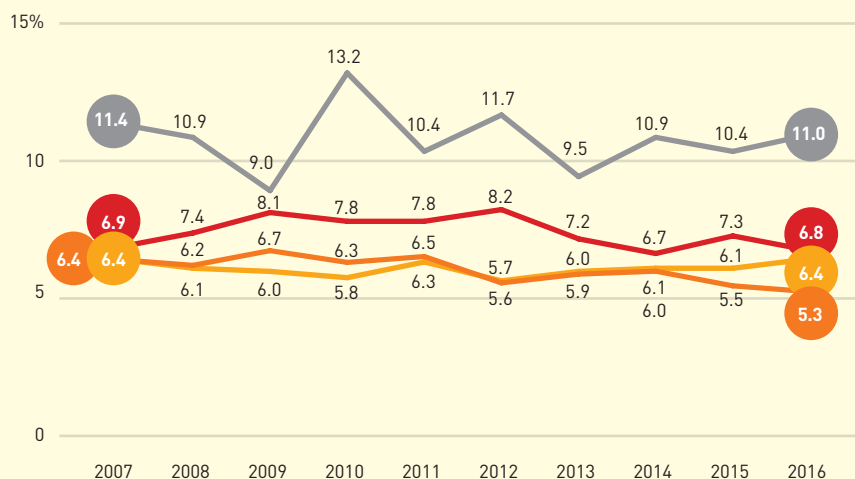
Source: Orange County Health Care Agency, Family Health Division

Percent of Infants with Low Birth Weight, by Race/Ethnicity
2007 to 2016

- Black
- Asian
- White
- Hispanic

Note: Due to relatively low numbers of Black infants and deaths, 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, 2016

1 ALISO VIEJO 5.5%	14 LA HABRA 4.9%	28 ORANGE 5.8%
2 ANAHEIM 7.1%	15 LA PALMA 5.8%	29 PLACENTIA 6.8%
3 BREA 7.1%	16 LADERA RANCH 6.9%	30 RANCHO SANTA MARGARITA 5.5%
4 BUENA PARK 4.0%	17 LAGUNA BEACH 7.1%	31 ROSSMOOR N/A
5 COSTA MESA 5.7%	18 LAGUNA HILLS 5.4%	32 SAN CLEMENTE 3.0%
6 COTO DE CAZA 2.4%	19 LAGUNA NIGUEL 4.7%	33 SAN JUAN CAPISTRANO 7.7%
7 CYPRESS 6.8%	20 LAGUNA WOODS* 33.3%	34 SANTA ANA 7.1%
8 DANA POINT 5.9%	21 LAKE FOREST 6.7%	35 SEAL BEACH 3.9%
9 FOUNTAIN VALLEY 6.9%	22 LAS FLORES 6.7%	36 STANTON 4.1%
10 FULLERTON 6.6%	23 LOS ALAMITOS 7.2%	37 TUSTIN 7.7%
11 GARDEN GROVE 5.7%	24 MIDWAY CITY 4.4%	38 VILLA PARK 3.2%
12 HUNTINGTON BEACH 5.7%	25 MISSION VIEJO 8.4%	39 WESTMINSTER 7.7%
13 IRVINE 5.5%	26 NEWPORT BEACH 4.8%	40 YORBA LINDA 7.9%
	27 NORTH TUSTIN N/A	

ORANGE COUNTY:
6.3%
CALIFORNIA:
6.8%

% Low Birth Weight

- 7.6% - 10.0%
- 5.1% - 7.5%
- 2.51% - 5.0%
- 0.0% - 2.5%
- Unincorporated
- No data available

Note: N/A is no data available. *Laguna Woods rate is based on fewer than five births. Rates based on less than five events are unstable and should be interpreted with caution.

Source: HCA Family Health Division

PRETERM BIRTHS

PRETERM BIRTHS INCREASE FOR SECOND CONSECUTIVE YEAR.

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. 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.

Why is this important?

Preterm birth is an important public health issue requiring sustained focus on its causes, consequences, and prevention strategies.¹ Several factors – economic, personal, medical, and behavioral – may increase the likelihood that a woman has preterm labor and delivers early.² Compared to infants born at term, preterm infants are more likely to suffer lifelong neurologic, cognitive and behavioral problems.^{3,4} Preterm births and low birth weight are often, but not always, associated. Preterm births cost the U.S. health care system more than \$26 billion each year.⁵

Findings

- Preterm births accounted for 8.0% of the 38,121 births to Orange County residents in 2016. While this is up slightly from 2015 (7.6%), it is down 18.4% from 2007 when preterm births were at 9.8%. By comparison, the rate for the United States was higher at 9.8% (5.8% decrease since 2007) in 2016.
- Disparities persist with preterm births among Black infants at 12.8%, followed by Hispanic (8.8%), White (7.9%), and Asian (7.3%) infants. The percentages decreased for all races and ethnicities, compared to 2007.
- Out of all preterm births, the percentage of preterm births was lowest among women less than 15 years old (0.03%) and highest among women 30 to 34 years old (32.2%).
- Women 40 years and older have the highest percentage of late preterm births (8.9%) compared to teens under 15 years of age who have no late preterm births (0.0%).

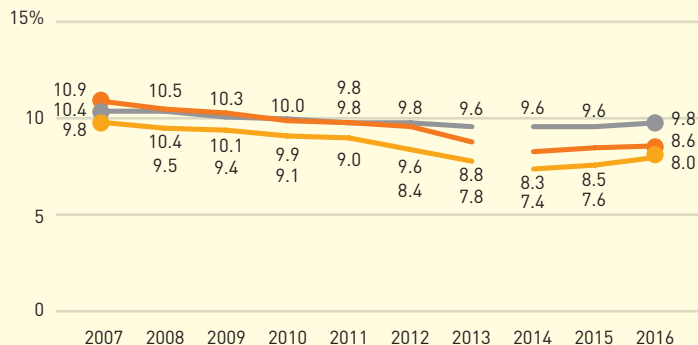
GOOD HEALTH

Percent of Preterm Births

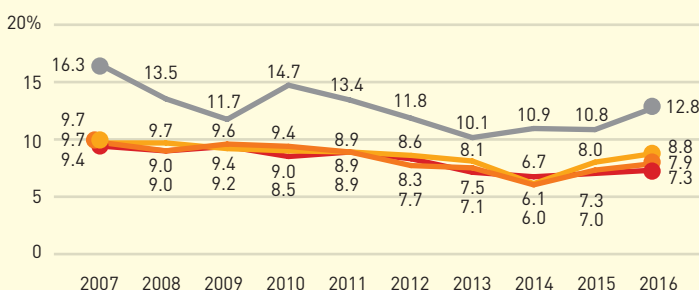
Orange County, California and United States, 2007 to 2016

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

Percent of Preterm Births, by Race/Ethnicity
2007 to 2016

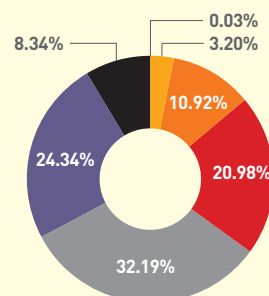
Black White Hispanic Asian



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: County of Orange Health Care Agency

Percent of Preterm Births, by Mother's Age
Orange County, 2016

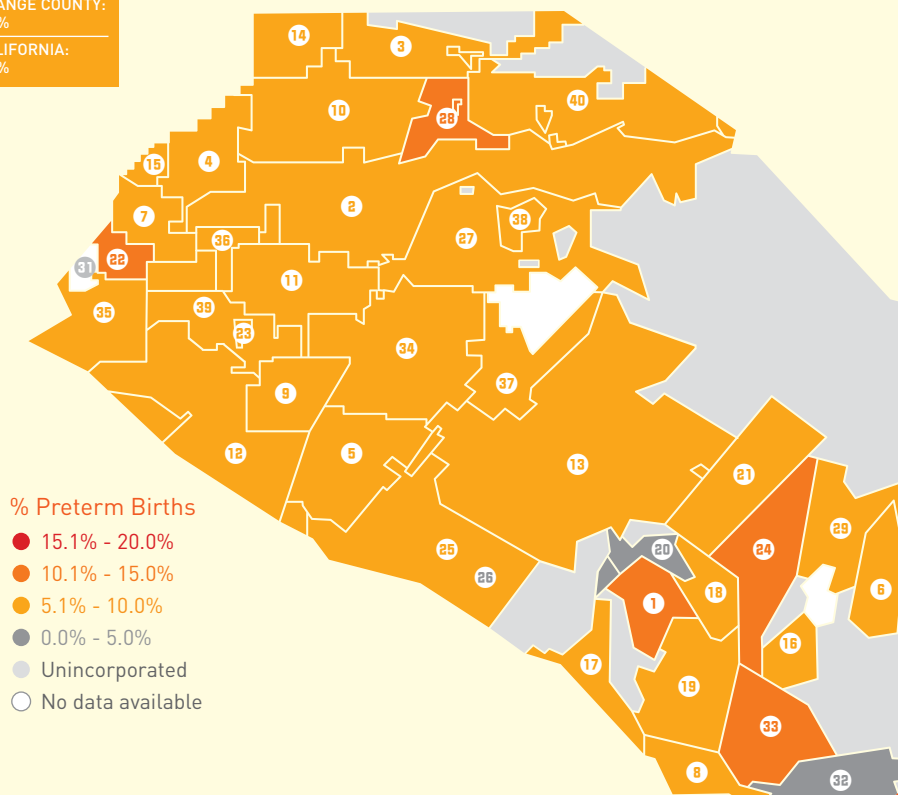
<15 Years
15-19 Years
20-24 Years
25-29 Years
30-34 Years
35-39 Years
40+ Years

**Source:** Orange County Health Care Agency

Percent of Preterm Births, by Community, 2016

1 ALISO VIEJO 10.2%	16 LA PALMA 8.3%	30 RANCHO SANTA MARGARITA 7.5%
2 ANAHEIM 8.4%	17 LADERA RANCH 8.7%	31 ROSSMOOR N/A
3 BREA 8.4%	18 LAGUNA BEACH 6.4%	32 SAN CLEMENTE 5.0%
4 BUENA PARK 7.9%	19 LAGUNA HILLS 7.0%	33 SAN JUAN CAPISTRANO 12.4%
5 COSTA MESA 6.6%	20 LAGUNA NIGUEL 7.7%	34 SANTA ANA 9.2%
6 COTO DE CAZA 7.1%	21 LAGUNA WOODS 0.0%	35 SEAL BEACH 9.8%
7 CYPRESS 8.9%	22 LAKE FOREST 8.6%	36 STANTON 6.0%
8 DANA POINT 6.6%	23 LOS ALAMITOS 10.6%	37 TUSTIN 8.5%
10 FOUNTAIN VALLEY 6.7%	24 MIDWAY CITY 6.7%	38 VILLA PARK 9.7%
11 FULLERTON 8.9%	25 MISSION VIEJO 10.1%	39 WESTMINSTER 9.2%
12 GARDEN GROVE 8.2%	26 NEWPORT BEACH 7.3%	40 YORBA LINDA 9.4%
13 HUNTINGTON BEACH 7.4%	27 NEWPORT COAST 4.3%	
14 IRVINE 5.5%	28 ORANGE 7.6%	
15 LA HABRA 7.2%	29 PLACENTIA 10.3%	

ORANGE COUNTY:
8.0%
CALIFORNIA:
8.6%

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

TEEN BIRTHS

TEEN BIRTH RATE AMONG HISPANIC TEENS DROPS NEARLY 70% OVER 10 YEARS.

DESCRIPTION OF INDICATOR

This indicator reports the percent of total annual births occurring among females 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 important?

Giving birth as a teen can have profoundly negative consequences for both the teen parents and the infant. Teen births may 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 For society, teen births in the United States cost taxpayers an estimated \$5.2 billion in 2013. Estimated taxpayer costs were \$590 million for California and \$35 million for Orange County in 2013 (societal costs are estimated to be even higher). Teen birth rates have declined significantly since 1991, representing an estimated annual U.S. taxpayer savings of \$1.8 billion.³

Findings

- In 2016, 3.2% (1,220) of total annual births were to teen females ages 19 years and younger, a 54% decrease from 7.0% (3,082) in 2007. Overall, total county births decreased 13.4% from 44,026 in 2007 to 38,121 births in 2016.
- The teen birth rate in Orange County in 2016 was 10.9 births per 1,000 females ages 15 to 19, a decrease of 63.2% from 29.6 births per 1,000 in 2007.
- At 10.9 births per 1,000 teen females, Orange County has a lower teen birth rate than California (15.7)⁴ and the United States (20.3).⁵
- When assessed by race/ethnicity, Hispanic teens had the highest birth rate (21.0 per 1,000 teen females), followed by Black (16.3), White (2.9), and Asian (0.9) teens.
- Teen birth rates have declined for all races and ethnicities, with Hispanic teens experiencing the most dramatic drop (66.9% in 10 years).

¹ Healthy People 2020, 2014. ² CDC, Vital Signs: Teen Pregnancy, 1991-2009. ³ Public Health Institute, No Time for Complacency Teen Births in California, updated February 2016 using 2013 birth data from the California Department of Public Health and 2013 population projections from the California Department of Finance. ⁴ State of California, Health Information and Research Section. ⁵ CDC, National Vital Statistics Reports: National Center for Health Statistics.

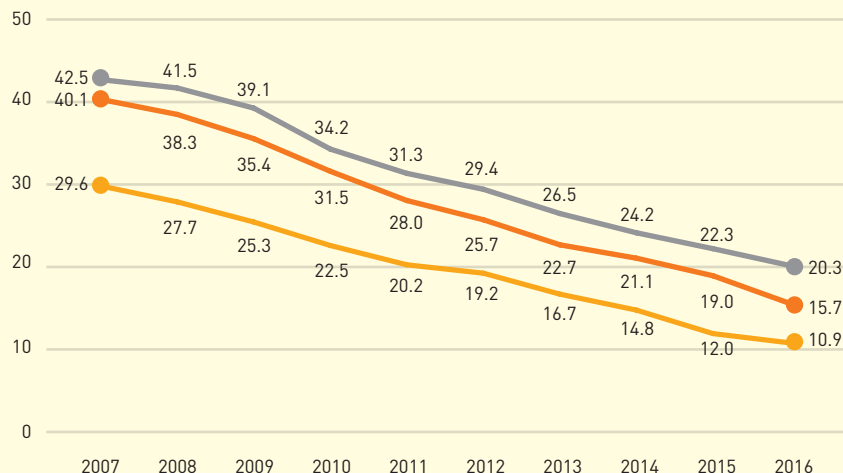
GOOD HEALTH

Birth Rate per 1,000 Females 15 to 19
Years of Age

Orange County, California and United States, 2007 to 2016

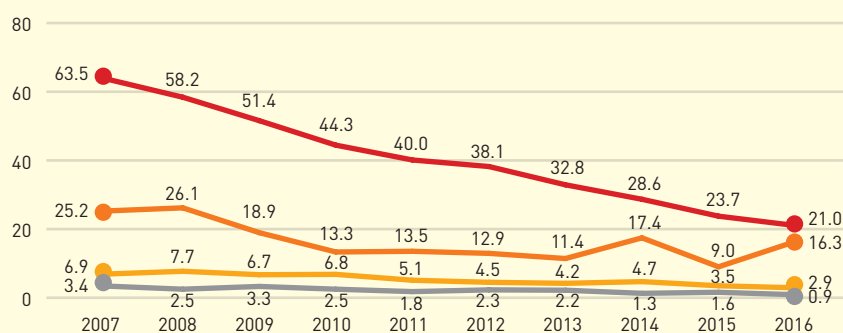
- United States
- California
- Orange County

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
2007 to 2016

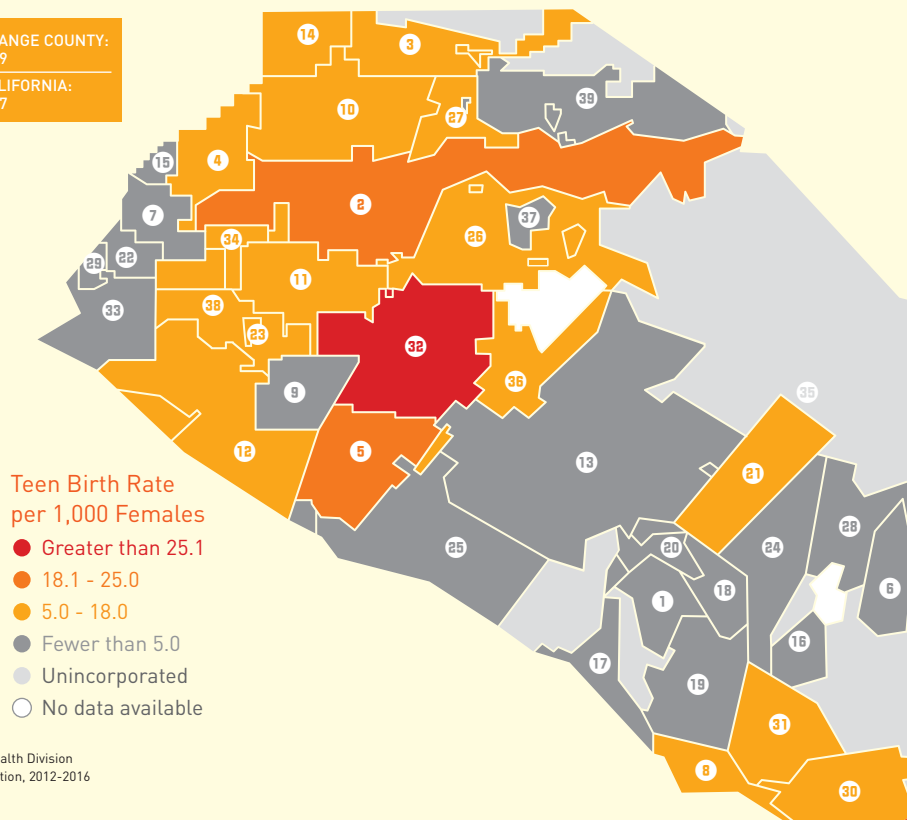
- Hispanic
- Black
- Non-Hispanic White
- Asian

Source: Orange County Health Care Agency

Birth Rate per 1,000 Females 15 to 19 Years of Age,
by Community of Residence, 2012 to 2016, 5 Year Average

1 ALISO VIEJO 4.1	14 LA HABRA 16.1	28 RANCHO SANTA MARGARITA 3.9
2 ANAHEIM 21.4	15 LA PALMA 2.2	29 ROSSMOOR 0.0
3 BREA 5.2	16 LADERA RANCH 0.0	30 SAN CLEMENTE 9.2
4 BUENA PARK 16.1	17 LAGUNA BEACH 0.0	31 SAN JUAN CAPISTRANO 10.7
5 COSTA MESA 18.2	18 LAGUNA HILLS 4.9	32 SANTA ANA 27.5
6 COTO DE CAZA 0.0	19 LAGUNA NIGUEL 3.9	33 SEAL BEACH 0.0
7 CYPRESS 3.3	20 LAGUNA WOODS 0.0	34 STANTON 8.7
8 DANA POINT 16.1	21 LAKE FOREST 7.6	35 TRABUCO CANYON N/A
9 FOUNTAIN VALLEY 3.5	22 LOS ALAMITOS 4.1	36 TUSTIN 15.4
10 FULLERTON 12.8	23 MIDWAY CITY 10.1	37 VILLA PARK 0.0
11 GARDEN GROVE 14.3	24 MISSION VIEJO 3.1	38 WESTMINSTER 7.4
12 HUNTINGTON BEACH 5.7	25 NEWPORT BEACH 0.0	39 YORBA LINDA 1.3
13 IRVINE 1.1	26 ORANGE 12.1	
	27 PLACENTIA 11.0	

ORANGE COUNTY:
10.9
CALIFORNIA:
15.7



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, Five Year Average Population, 2012-2016

BREASTFEEDING

THE PERCENTAGE OF MOTHERS EXCLUSIVELY BREASTFEEDING THREE MONTHS AFTER DELIVERY INCREASED MORE THAN 20% SINCE 2013/14.

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 important?

Human milk is the optimal source of nutrition and provides many benefits for healthy infant growth and development. Breast feeding 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 feeds for the first six months of life.

Breastfeeding can provide protective health benefits for the mother who breastfeeds frequently enough for 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

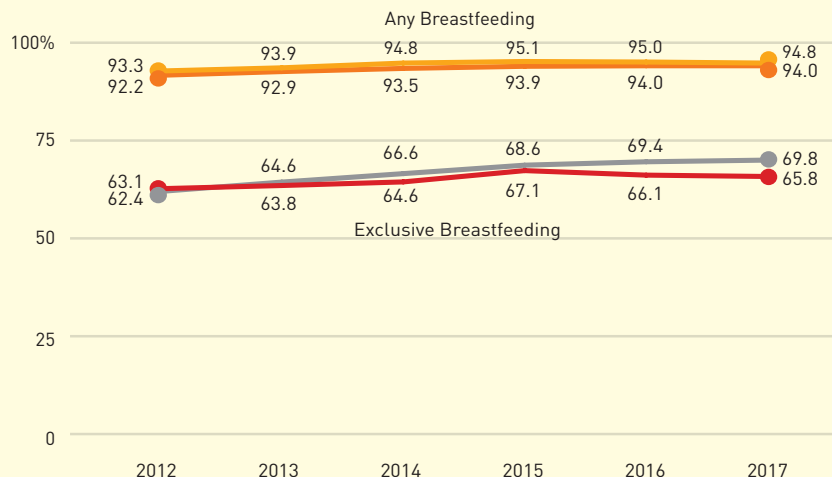
- In 2017, 65.8% of Orange County women were exclusively breastfeeding at time of hospital discharge, lower than California at 69.8% of women.
- Exclusive breastfeeding at time of discharge was highest among White women at 82.0%, followed by multiracial (76.0%), Black (65.7%), Hispanic (62.7%), Pacific Islander (62.5%), and Asian (52.1%) women.
- In 2015/16, 50.8% of Orange County women surveyed by MIHA were exclusively breastfeeding one week after delivery, an 0.4% decrease since 2013/14, and lower than women in California at 58.9%.
- One month after delivery, 41.5% of Orange County women surveyed by MIHA in 2015/16 were exclusively breastfeeding, an 5.6% increase since 2013/14, and lower than women in California at 47.8%.
- Three months after delivery, 31.6% of Orange County women surveyed by MIHA in 2015/16 were exclusively breastfeeding, a 21.1% increase since 2013/14, and lower than women in California 32.6%.

GOOD HEALTH

Hospital Discharge Breastfeeding
Percents in Orange County
and California, 2012 to 2017

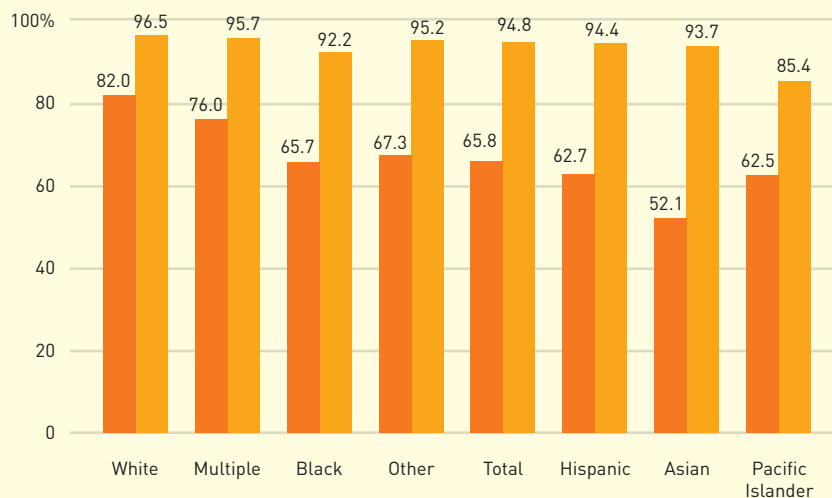
- Orange County Any Breastfeeding
- California Any Breastfeeding
- California Exclusive Breastfeeding
- Orange County Exclusive Breastfeeding

Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2017. NBS Form Version (D) Revised 12/2008. Maternal, Child, and Adolescent Health Program.

Hospital Discharge Breastfeeding
Percents, by Race/Ethnicity, 2017

- Exclusive Breastfeeding
- Any Breastfeeding

Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2017. NBS Form Version (D) Revised 12/2008. Maternal, Child, and Adolescent Health Program.

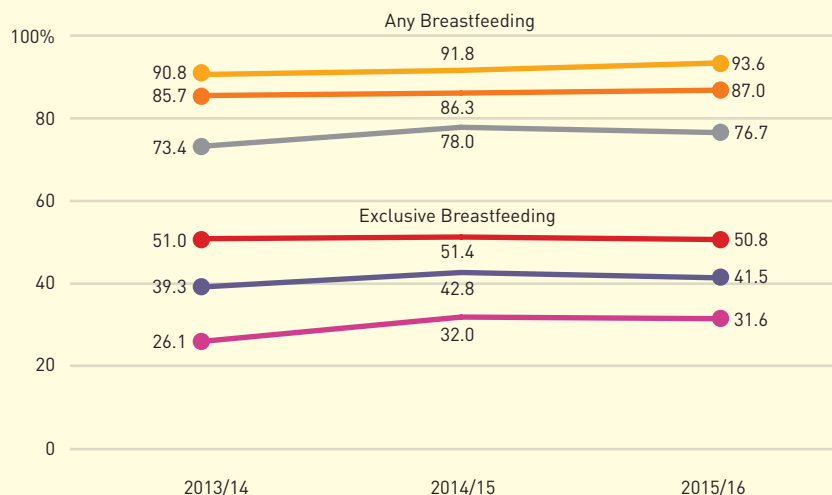
Breastfeeding Percentages at One
Week, One Month, and Three Months
After Delivery, 2013/14 to 2015/16

- 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 2015-2016 were combined, resulting in a statewide sample size 13,431. The sample size of Orange county was 447. Prevalence (%), 95% confidence interval (CI) and estimated number of women in the population breastfeeding (rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2015-2016. Population estimate (N) is a two-year average. 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.

Source: Sacramento: California Department of Public Health, Maternal, Child, and Adolescent Health Program, 2017



IMMUNIZATIONS

IMMUNIZATION FOR KINDERGARTENERS REACHES THE HIGHEST LEVEL IN 10 YEARS.

DESCRIPTION OF INDICATOR

This indicator reports the percent of children who received all of the doses of specific vaccines recommended by their 2nd birthday and required at kindergarten entry. Data at the 2nd birthday are based upon annual retrospective reviews of a sample of randomly selected schools' kindergarten immunization records and therefore represent vaccination trends three years prior.

Why is this 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.¹ 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.²

Findings

- In 2017, 77.9% of Orange County children entering kindergarten had been adequately immunized (4:3:1 schedule) at their 2nd birthday, lower than the high of 78.9% in 2014.³
- In 2017, 95.7% of Orange County kindergartners had up-to-date immunizations, a 7.9% increase from the 10-year low at 88.7% in 2013, and

exceeding the high of 95.5% in 2016. Children attending private schools in Orange County tend to have lower levels of up-to-date immunizations compared to public schools at kindergarten entry (93.0% vs. 96.2%).

- These percents and trends are similar to those among kindergartners throughout California, who were immunized at a rate of 95.1%.⁴
- One school district, comprised of Laguna Beach Unified public schools and private schools in the area, had 88.5% or fewer of kindergartners with up-to-date immunization levels. However, seven school district regions remain below the recommended immunization rate of 95%. This correlates with higher percentages of permanent medical exemptions and conditional enrollments.⁵

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 Wei, F., Mullooly, J.P., Goodman, M. et al., 2009. ² Hussain, H. et al., 2011. ³ 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. ⁴ California Department of Public Health, Immunization Branch. ⁵ Personal belief exemptions filed with a school before January 1, 2016 are valid until entry into the next grade span (7th through 12th grade). Personal beliefs exemptions may be transferred between schools in California, both within and across school districts. Conditional enrollment is when a child is behind on their required immunizations and may be admitted conditionally if they are not currently due for any doses or have a temporary medical exemption.

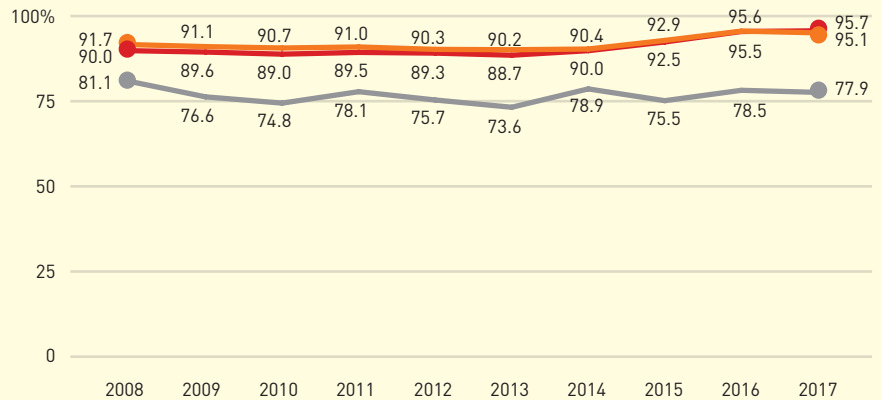
GOOD HEALTH

Percent of Adequately Immunized Children Enrolling in School Between 2008 and 2017 in Orange County and California

- Up-To-Date at Kindergarten Entry, California
- Up-To-Date at Kindergarten Entry, Orange County
- Up-To-Date at 2nd Birthday, Orange County

Note: 2006 to 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.

Sources: Orange County Health Care Agency, Kindergarten Assessment Results, California Department of Health Services, Immunization Branch, Kindergarten Retrospective Survey Results California Department of Health Services, Immunization Branch; County of Orange, Health Care Agency



Immunization Coverage Among Kindergarten Students at Two Years of Age, by Immunization, Kindergarten Retrospective Survey, 2013 to 2017

Year	Number	DTaP (4+)	Polio (3+)	MMR (1+)	Hepatitis B (3+)	Varicella (1+)	4:3:1	4:3:1-3	4:3:1-3:1
2013	1,966	78.6%	88.3%	87.6%	87.8%	86.5%	73.6%	70.9%	68.9%
2014	1,800	82.7%	92.1%	90.9%	90.8%	90.2%	78.9%	77.1%	75.3%
2015	1,634	79.7%	90.2%	89.7%	87.0%	88.1%	75.5%	72.2%	70.2%
2016	1,995	83.0%	93.5%	92.1%	90.0%	91.1%	78.5%	75.5%	73.4%
2017	2,660	81.5%	91.8%	92.0%	90.1%	89.9%	77.9%	75.5%	73.4%

Source: Orange County Health Care Agency

Up-to-Date Immunizations at Kindergarten Enrollment, Private and Public Schools within Each School District, 2017

- | | | |
|--|--|--|
| 1 ANAHEIM CITY
98.2% | 10 HUNTINGTON
BEACH CITY
ELEMENTARY
94.2% | 20 SADDLEBACK
VALLEY UNIFIED
93.6% |
| 2 BREA-OLINDA
UNIFIED
98.0% | 11 IRVINE UNIFIED
94.9% | 21 SANTA ANA
UNIFIED
97.1% |
| 3 BUENA PARK
ELEMENTARY
98.4% | 12 LA HABRA CITY
ELEMENTARY
97.9% | 22 SAVANNA
ELEMENTARY
91.5% |
| 4 CAPISTRANO
UNIFIED
90.5% | 13 LAGUNA BEACH
UNIFIED
88.5% | 23 TUSTIN UNIFIED
96.3% |
| 5 CENTRALIA
ELEMENTARY
97.4% | 14 LOS ALAMITOS
UNIFIED
98.5% | 24 WESTMINSTER
ELEMENTARY
97.1% |
| 6 CYPRESS
ELEMENTARY
97.8% | 15 MAGNOLIA
ELEMENTARY
99.0% | |
| 7 FOUNTAIN VALLEY
ELEMENTARY
96.1% | 16 NEWPORT-MESA
UNIFIED
94.0% | |
| 8 FULLERTON
ELEMENTARY
96.8% | 17 OCEAN VIEW
96.0% | |
| 9 GARDEN GROVE
UNIFIED
98.2% | 18 ORANGE UNIFIED
95.1% | |
| | 19 PLACENTIA-
YORBA LINDA
UNIFIED
96.6% | |

ORANGE COUNTY:
95.7%
CALIFORNIA:
95.1%

% of Immunizations

- 96.6% - 100.0%
- 93.6% - 96.5%
- 90.0% - 93.5%
- Less than 89.9%

Source: Orange County Health Care Agency

OBESITY

RISK OF OBESITY REMAINS STEADY AT 18% OF 5TH GRADERS OVER THE LAST FOUR YEARS.

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 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 30-31 of this report), especially during the critical periods of infancy, two to four years of age, and adolescence.

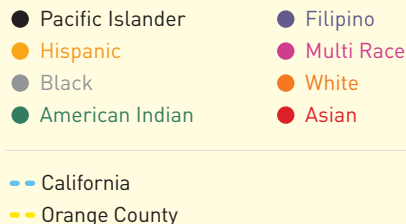
Findings

- During the 2016/17 school year, 18.0% (6,600) 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 approximately 21.5% of 5th graders.
- Among race and ethnic groups, Pacific Islander (36.2%) and American Indian (28.2%) 5th graders had the highest percentages of students classified at health risk due to their body composition, followed by Hispanic (26.8%), Black (17.3%), Filipino (13.3%), Asian (9.7%), White (8.5%), and Multiracial (7.3%) 5th graders.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 considered obese.

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.

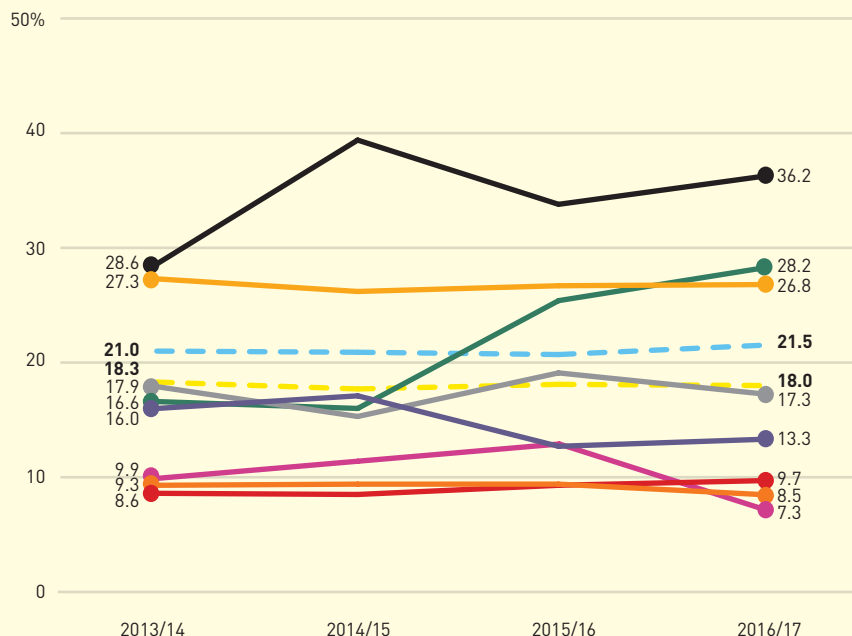
GOOD HEALTH

Percent of 5th Grade Students who Are Obese, by Race/Ethnicity 2013/14 to 2016/17



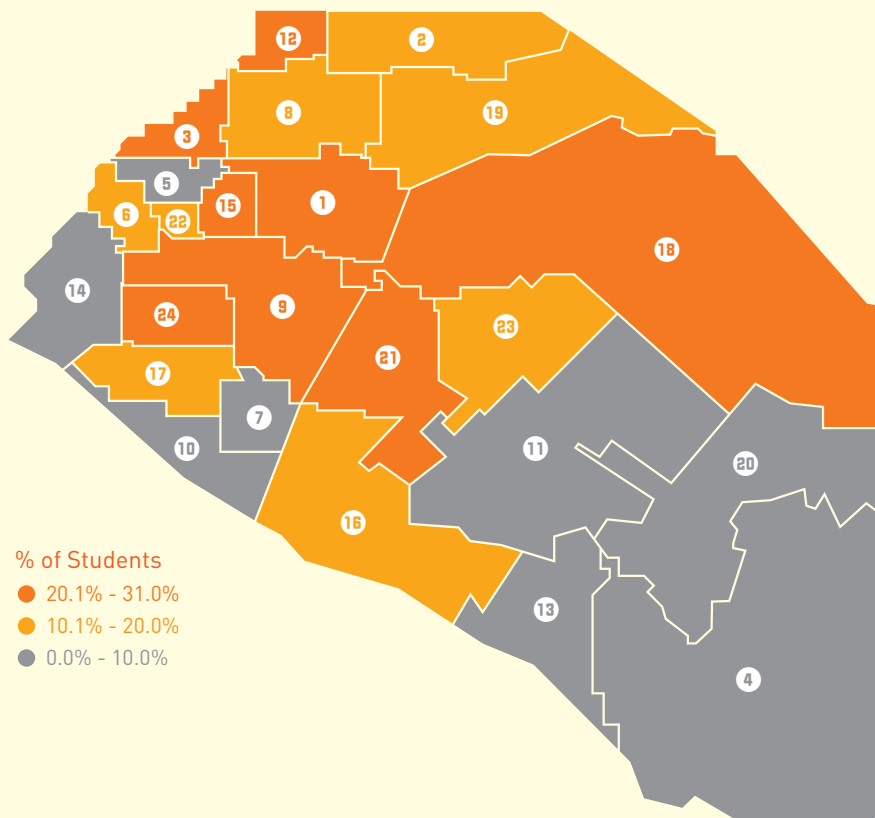
Source: California Department of Education, DataQuest, 2018.

Notes: Black, Filipino, American Indian, and Pacific Islander 5th grade student enrollment is less than 2% of all 5th grade student enrollment. Percent at risk for these groups may be unstable and should be interpreted with caution.



Nearly one in five 5th grade students are obese.

Percent of 5th Grade Students who are Obese, by School District, 2016/17



Source: California Department of Education, DataQuest, 2018

PHYSICAL FITNESS AND NUTRITION

PHYSICAL FITNESS OF 5TH GRADERS DROPS SLIGHTLY SINCE 2015/16.

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 ate fast food one or more times in the past week and ate less than two fruit servings in the past day.

Why is this important?

Both physical fitness and nutrition are essential to achieving and keeping a healthy weight.¹ The habitual intake of too many calories, including from 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 cardio-respiratory 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 2016/17 school year, 6.2% (2,273) of 5th graders tested were classified “at health risk due to aerobic capacity,” up 6.9% since

2013/2014 (5.8% or 2,113), but slightly lower than California at 6.7% of 5th graders.

- The percentage of 5th graders at health risk due to aerobic capacity was highest among Pacific Islander 5th graders (16.9%), followed by Hispanic (9.5%), American Indian (8.7%), Black (8.1%), Filipino (5.9%), White (3.0%), Asian (2.9%), and Multiracial (2.0%) 5th graders.⁵
- According to the 2015/16 California Health Interview Survey:
 - 22.6% of children (2 to 17 years old) reported drinking one or more glasses of soda during the previous day, a decrease of 33.9% from 34.2% in 2013.
 - 24.8% of children (2 to 17 years old) reported eating five or more servings of fruits and vegetables daily, an increase of 25.3% from 19.8% in 2011.

Note: California Physical Fitness Test uses the Cooper Institute’s FITNESSGRAM approach to classify 5th graders aerobic capacity at health risk when their V02max, 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.

¹ Chan RSM and Wood J., 2010. ² U.S. Department of Health and Human Services and U.S. Department of Agriculture, 2010. ³ Warburton, D.E.R., et. al., 2006. ⁴ Hallal, P.C., et. al., 2006. ⁵ Black, Filipino, American Indian, and Pacific Islander 5th grade student enrollment is less than 2% of all 5th grade student enrollment. Percent at risk for these groups may be unstable and should be interpreted with caution.

GOOD HEALTH

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

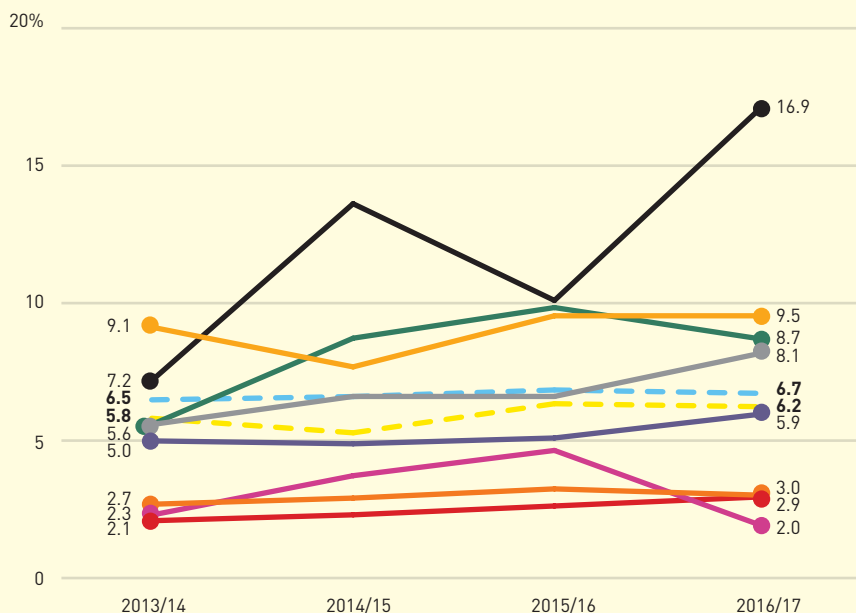
2013/14 to 2016/17



— California
— Orange County

Source: California Department of Education, DataQuest, 2018

Note: Black, Filipino, American Indian, and Pacific Islander 5th grade student enrollment is less than 2% of all 5th grade student enrollment. Percent at risk for these groups may be unstable and should be interpreted with caution.

Percent of Children Ages 2 to 17 Years Old who
Consumed Soda the Previous Day

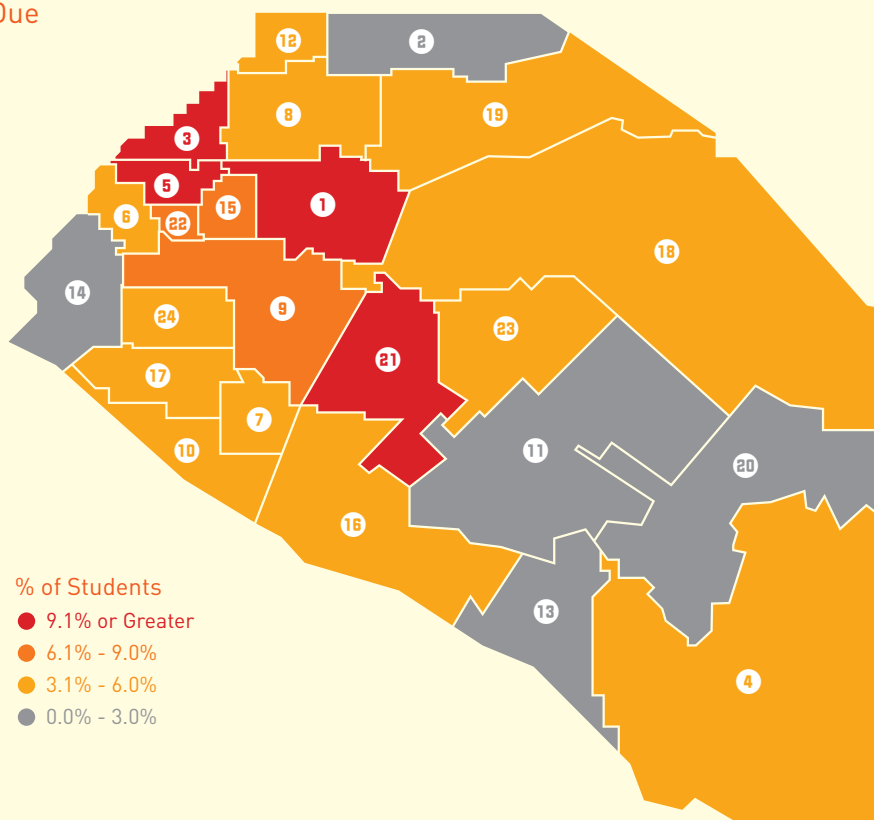
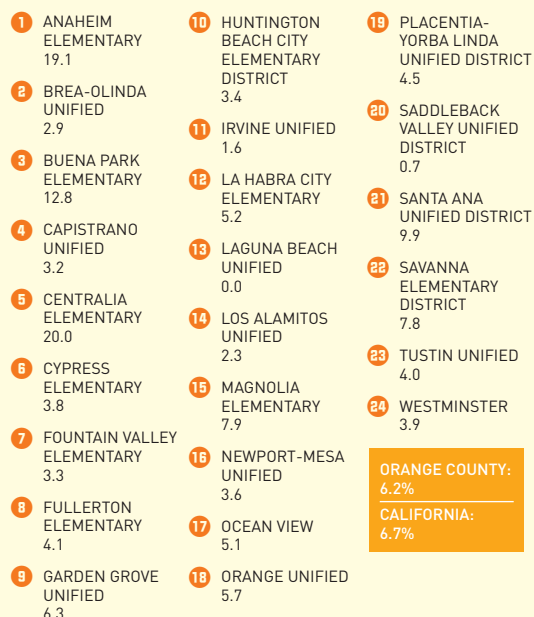
2013 to 2016



* Statistically unstable. Source: California Health Interview Survey, 2016/17

Percent of Children Ages 2 to 17 Years Old who Eat
5+ Servings of Fruits/Vegetables Daily, 2011 to 2016

* Statistically unstable. Source: California Health Interview Survey, 2016/17

Percent of 5th Grade Students at Health Risk Due
to Aerobic Capacity, by School District, 2016/17

Source: California Department of Education, DataQuest, 2018

BEHAVIORAL HEALTH

AFTER DROPPING IN 2015, CHILDREN'S MENTAL HEALTH AND SUBSTANCE ABUSE-RELATED HOSPITALIZATIONS RISE IN 2016.

DESCRIPTION OF INDICATOR

This indicator reports the number of inpatient hospitalizations in Orange County among 0-17 year olds 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 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, etc.) to areas in need. For example, an increase in hospitalization rates due to heroin use may signal a serious trend in a local community and may lead to resource allocation to combat the increase in use of this harmful drug.

Findings

- Overall, hospitalization rates for serious mental illness and substance abuse conditions for children increased by 44%, from a low of 16.8 per 10,000 children in 2007 to 24.2 per 10,000 children in 2016.
- This increase is driven by an increase in hospitalizations for serious mental illness, which grew 73%, from a low of 11.5 per 10,000 children in 2007 to 19.9 per 10,000 children in 2016.
- Major Depression and Mood Disorders accounted for two-thirds (66%) of all such hospitalizations, followed by Bipolar (10%), Schizophrenia/Psychoses (4%), and Schizoaffective Disorders (3%).
- Admissions for substance-related diagnoses accounted for 2% of all hospitalizations for children in 2016. This is a decrease of 70% over the past decade to 0.5 per 10,000 children.
- White youth accounted for 42% of all mental illness and substance abuse-related hospitalizations and Hispanic children accounted for 41%.
- While males accounted for a little more than half (53%) of substance-related hospitalizations, females accounted for the majority (62%) of mental illness hospitalizations.
- Slightly more than half (55%) of the 1,733 hospitalizations among Orange County youth occurred at hospitals located in Orange County, while the rest were in neighboring counties of Los Angeles (28%), San Bernardino (16%), San Diego (1%), Riverside (<1%), and Ventura (<1%) Counties. The majority of these hospitalization were covered by private insurance (45%) and Medi-Cal (51%).
- In 2015, 12.3% of adolescents aged 12 to 17 years had at least one major depressive episode in California and 11.9% in the United States. Overall, both proportions were higher than previous years between 2005 to 2013 (ranging from 8.8% to 11.4%).¹

GOOD HEALTH

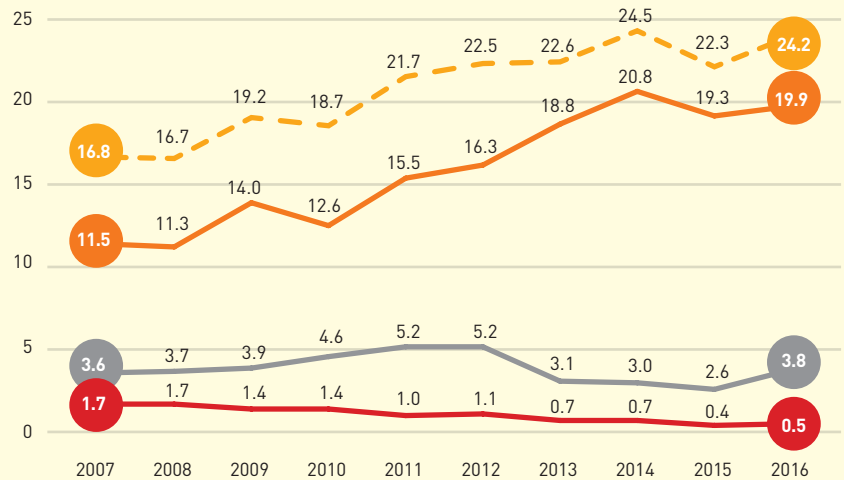
Mental Health and Substance Abuse
Related-Hospitalization Rates, Rate per
10,000 Children

2007 to 2016

--- Total
 ● Mental Illness
 ● Other
 ● Substance Abuse

Source: Orange County Health Care Agency, Health Policy - Research

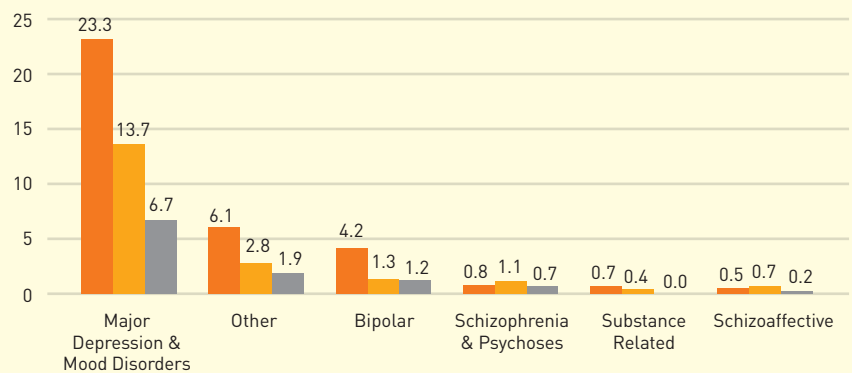
Note: Other includes mental disorders such as other unspecified mood disorders, conduct disorders, and disorders related to sleep, eating, elimination, and pain.

Mental Health Hospitalization Rates
per 10,000 Children, by Race/Ethnicity
2016

● White
 ● Hispanic
 ● Asian/Pacific Islander

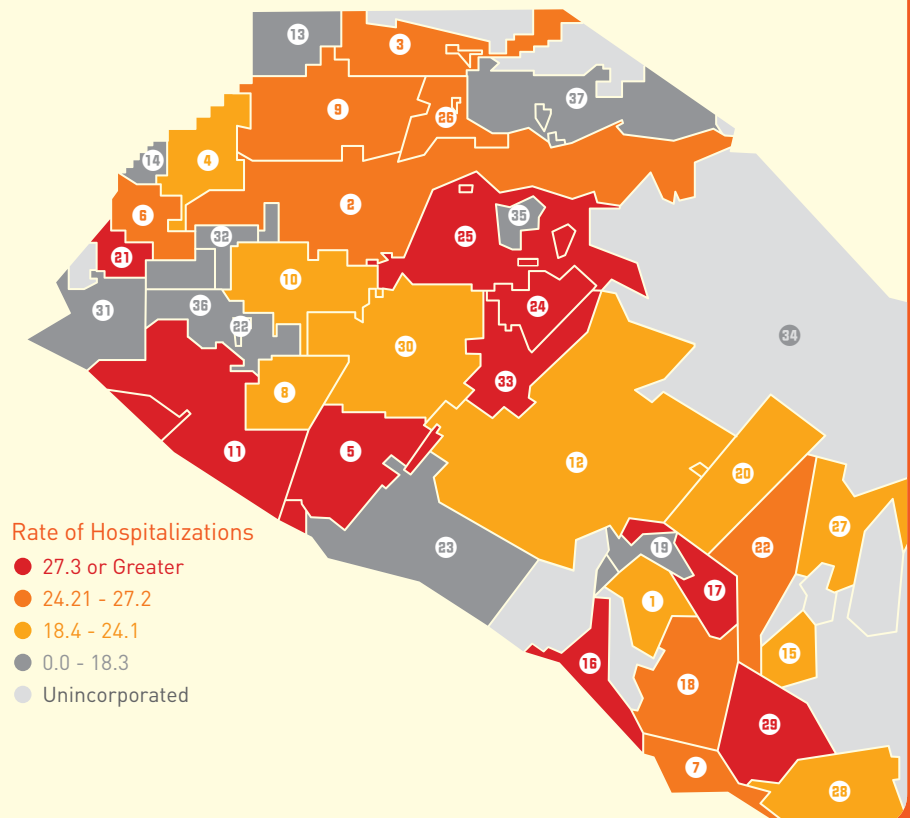
Source: Orange County Health Care Agency, Health Policy - Research

Notes: Rates for Black children are not included due to inability to calculate rates due to estimates for small case numbers and populations. Other Mental Disorders include 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, 2016

1 ALISO VIEJO 20.1	14 LA PALMA 12.2	27 RANCHO SANTA MARGARITA 21.8
2 ANAHEIM 27.1	15 LADERA RANCH 23.0	28 SAN CLEMENTE 21.8
3 BREA 24.9	16 LAGUNA BEACH 28.3	29 SAN JUAN CAPISTRANO 33.7
4 BUENA PARK 20.7	17 LAGUNA HILLS 36.5	30 SANTA ANA 19.9
5 COSTA MESA 30.8	18 LAGUNA NIGUEL 26.6	31 SEAL BEACH 15.7
6 CYPRESS 26.3	19 LAGUNA WOODS 0.0	32 STANTON 14.7
7 DANA POINT 26.5	20 LAKE FOREST 22.5	33 TUSTIN 31.7
8 FOUNTAIN VALLEY 23.0	21 LOS ALAMITOS 38.3	34 UNINCORPORATED 3.6
9 FULLERTON 26.5	22 MISSION VIEJO 24.7	35 VILLA PARK 0.0
10 GARDEN GROVE 23.0	23 NEWPORT BEACH 18.1	36 WESTMINSTER 18.0
11 HUNTINGTON BEACH 27.7	24 NORTH TUSTIN 36.7	37 YORBA LINDA 18.3
12 IRVINE 19.8	25 ORANGE 43.9	
13 LA HABRA 10.9	26 PLACENTIA 27.2	

ORANGE COUNTY:
24.1
 CALIFORNIA:
N/A



ECONOMIC WELL-BEING INDICATORS

CHILD POVERTY

PERCENT OF STUDENTS ELIGIBLE FOR
FREE AND REDUCED PRICE LUNCH



42.3% 2008/09
49.1% 2017/18

HOUSING

PERCENT OF CHILDREN
INSECURELY HOUSED



2.6% 2007/08
5.5% 2016/17

CALWORKS

PERCENT OF CHILDREN
RECEIVING CALWORKS



4.0% 2007/08
4.7% 2016/17

CHILD SUPPORT

PERCENT OF CURRENT
SUPPORT DISTRIBUTED



53.7% 2008/09
68.3% 2017/18

SUPPLEMENTAL NUTRITION

PERCENT OF CHILDREN
RECEIVING CALFRESH



7.6% 2007/08
18.0% 2016/17



UPWARD TREND
IMPROVEMENT



UPWARD TREND
NEEDS IMPROVEMENT



DOWNWARD TREND
IMPROVEMENT



DOWNWARD TREND
NEEDS IMPROVEMENT



CHILD POVERTY

NEARLY HALF OF ORANGE COUNTY STUDENTS ARE ELIGIBLE FOR FREE OR REDUCED PRICE LUNCH.

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. It also tracks the percent of children living in poverty according to the U.S. Census.

Why is this 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 socioemotional problems, physical health problems and developmental delays.

Findings

- In 2017/18, 49.1% (235,275) of students were eligible for the Free and Reduced Price Lunch program in Orange County, lower than California at 60.1% (3,739,347).
- Between 2008/09 and 2017/18, there was a larger increase (16.1%) among Orange County students eligible for the Free and Reduced Price Lunch program than among students throughout California (11.7%).
- According to the U.S. Census, 16.9% of Orange County's children were living in poverty in 2016; a 24.3% increase from 2010 (13.6%), while remaining lower than California (21.9%) and the United States (21.2%).³
- 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 24.6%, surpassing California at 22.8%, with a threshold income needed to maintain a basic standard of living for a family of four at \$33,700.³

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, 2013-2015, calculated according to the 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. ⁴ American Community Survey. Poverty Status in the Past 12 Months of Families, Table S1702.

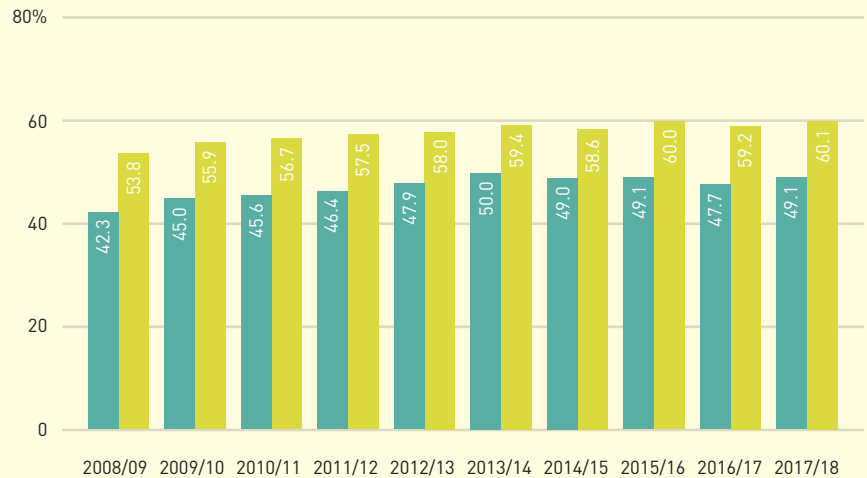
ECONOMIC WELL-BEING

Percent of Students Eligible to Receive
Free and Reduced Price Lunch

2008/09 to 2017/18

- Orange County
- California

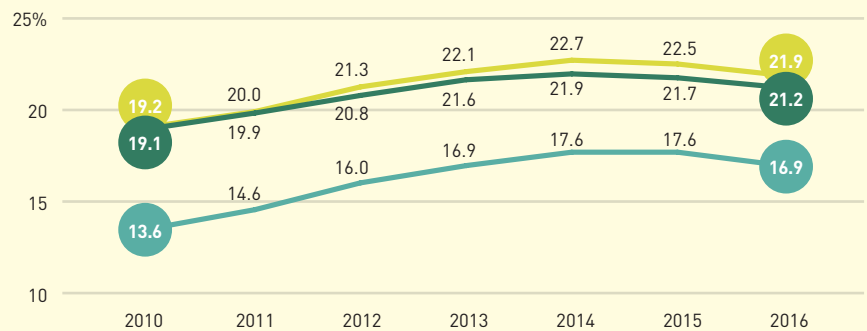
Source: Department of Education, 2018

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

2010-2016

- United States
- California
- Orange County

Source: U.S. Census Bureau, 2012-2016 5-Year American Community Survey

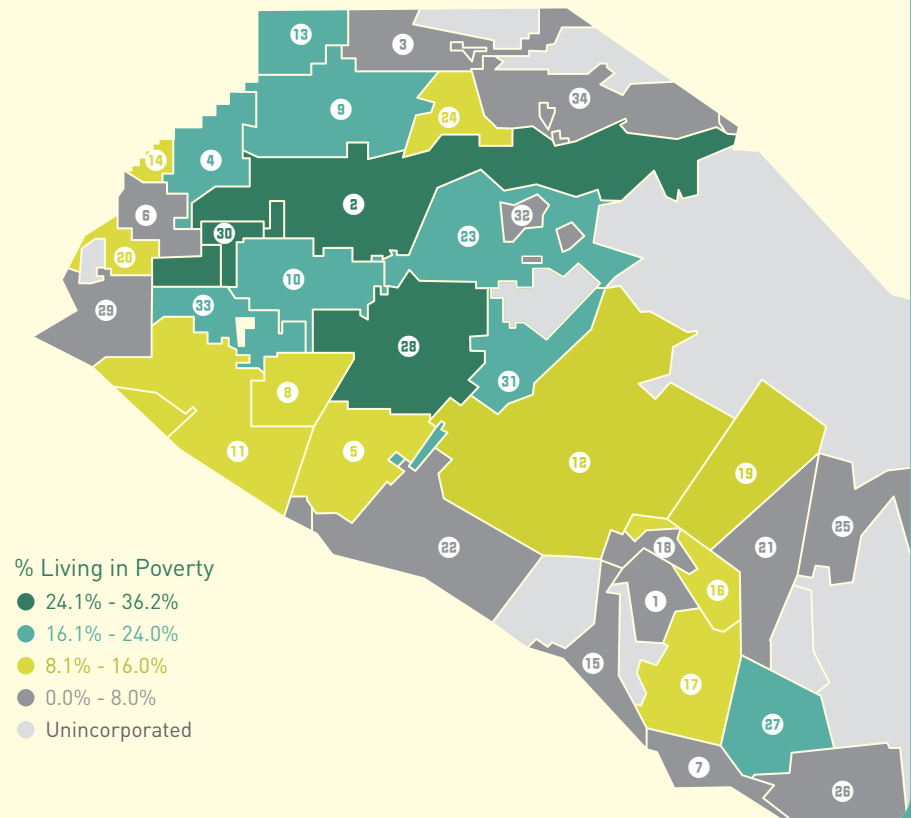
Percent of Children Under 18 Years Old
Living in Poverty, by City

2016

1 ALISO VIEJO 4.6	13 LA HABRA 20.9	26 SAN CLEMENTE 7.9
2 ANAHEIM 24.4	14 LA PALMA 11.3	27 SAN JUAN CAPISTRANO 20.2
3 BREA 7.0	15 LAGUNA BEACH 5.6	28 SANTA ANA 30.9
4 BUENA PARK 20.1	16 LAGUNA HILLS 12.7	29 SEAL BEACH 4.1
5 COSTA MESA 16.0	17 LAGUNA NIGUEL 8.2	30 STANTON 36.2
6 CYPRESS 6.6	18 LAGUNA WOODS 0.0	31 TUSTIN 20.2
7 DANA POINT 6.9	19 LAKE FOREST 8.6	32 VILLA PARK 3.3
8 FOUNTAIN VALLEY 10.9	20 LOS ALAMITOS 12.3	33 WESTMINSTER 22.1
9 FULLERTON 20.3	21 MISSION VIEJO 5.0	34 YORBA LINDA 4.9
10 GARDEN GROVE 21.9	22 NEWPORT BEACH 3.0	
11 HUNTINGTON BEACH 11.4	23 ORANGE 18.6	
12 IRVINE 9.5	24 PLACENTIA 15.0	
	25 RANCHO SANTA MARGARITA 6.7	

ORANGE COUNTY:
16.9%

CALIFORNIA:
21.9%



Source: U.S. Census Bureau, S1701 2012-2016 American Community Survey, 5-Year Estimates

CALWORKS

CALWORKS ENROLLMENT CONTINUED TO DROP IN 2017, BUT STILL REPRESENTS A 10-YEAR INCREASE OF 17.5%.

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). Any change in the number of CalWORKs beneficiaries is an indicator of a change in poverty status.

Why is this 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 immunizations requirements and by assisting with paternity and child support enforcement activities.

Findings

- In 2016/17, 4.7% (34,485) of Orange County's children received CalWORKs assistance which is a 17.5% increase from 4.0% in 2007/08. Overall Orange County is lower than California at 5.2%.
- Since 2011/12, the proportion of children receiving CalWORKs has been steadily declining, mirroring a nationwide trend.
- Young children (zero to five years of age) accounted for 30% of the youth population receiving CalWORKs assistance.
- The cities of Anaheim at 8.4% (7,349), Santa Ana at 8.3% (7,792), Stanton at 6.0% (612), Cypress at 5.6% (599), Buena Park at 5.5% (1,072), and Garden Grove at 5.5% (2,221) have the highest percentages of children receiving CalWORKs.
- Cities with the lowest percentage of children receiving CalWORKs include Newport Beach at 0.5% (78), Rancho Santa Margarita at 0.6% (76), Laguna Beach at 0.6% (23), Villa Park at 0.6% (7), Aliso Viejo at 0.7% (96), and Yorba Linda at 0.9% (152).

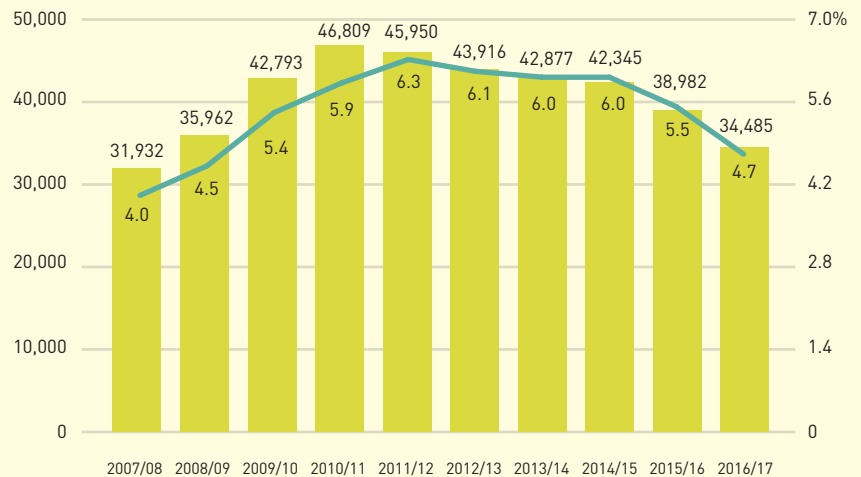
ECONOMIC WELL-BEING

Number and Percent of Children Under
18 Years Old Receiving CalWORKs

2007/08 to 2016/17

- Number of Children
- Percent of Children

Source: County of Orange Social Services Agency



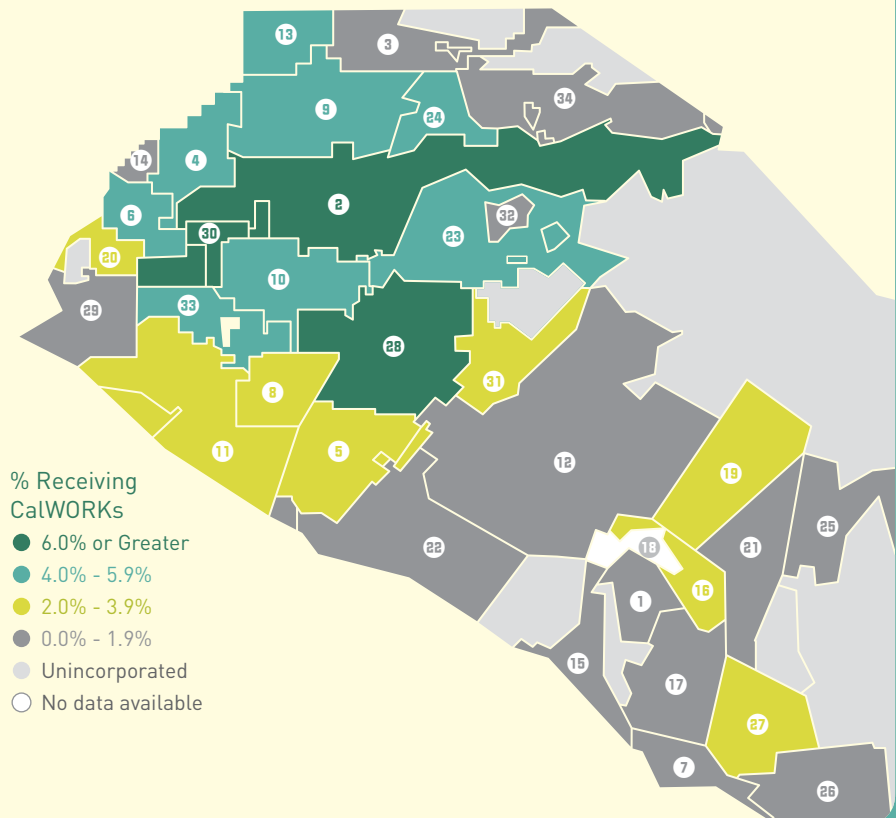
Children ages birth to five make up a third of all children receiving CalWORKs assistance.

Percent Receiving CalWORKs, by City

January 2017

1 ALISO VIEJO 0.7%	14 LA PALMA 1.5%	27 SAN JUAN CAPISTRANO 2.4%
2 ANAHEIM 8.4%	15 LAGUNA BEACH 0.6%	28 SANTA ANA 8.3%
3 BREA 1.7%	16 LAGUNA HILLS 3.7%	29 SEAL BEACH 1.0%
4 BUENA PARK 5.5%	17 LAGUNA NIGUEL 1.5%	30 STANTON 6.0%
5 COSTA MESA 3.3%	18 LAGUNA WOODS* N/A	31 TUSTIN 3.9%
6 CYPRESS 5.6%	19 LAKE FOREST 2.2%	32 VILLA PARK 0.6%
7 DANA POINT 1.6%	20 LOS ALAMITOS 2.5%	33 WESTMINSTER 5.0%
8 FOUNTAIN VALLEY 2.0%	21 MISSION VIEJO 1.3%	34 YORBA LINDA 0.9%
9 FULLERTON 4.5%	22 NEWPORT BEACH 0.5%	
10 GARDEN GROVE 5.5%	23 ORANGE 4.0%	
11 HUNTINGTON BEACH 2.4%	24 PLACENTIA 4.5%	
12 IRVINE 1.2%	25 RANCHO SANTA MARGARITA 0.6%	
13 LA HABRA 5.2%	26 SAN CLEMENTE 1.2%	

ORANGE COUNTY:
4.7%
CALIFORNIA:
5.2%



Note: *2012-2016 American Community Survey estimates no population under 18 in Laguna Woods.

Source: County of Orange Social Services Agency, January 2018

SUPPLEMENTAL NUTRITION

CALFRESH ENROLLMENT SHOWS 10-YEAR INCREASE WHILE WIC PARTICIPATION DECLINES.

DESCRIPTION OF INDICATOR

The 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, the increase in children receiving these benefits is one that needs improvement. However, the increase may also be viewed as an improvement in that more eligible children are receiving these benefits.

Why is this 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 2016/17, 18.0% (131,670) of children under 18 years old received CalFresh, a 137% increase in the number of children since 2007/08 at 7.6%. Orange County had a lower rate than California at 27.6% (2,537,628) of children receiving CalFresh (SNAP).²
- In January 2017, the greatest proportion of CalFresh beneficiaries under 18 in Orange County were children aged six to 12 years old (43.7% or 52,355), followed by zero to five years old (31.3% or 37,511), and 13 to 17 years old (24.9% or 29,837).
- It is estimated that only 70.9% of people in Orange County who are eligible for CalFresh are receiving that benefit, less than California at 71.8%.³
- In 2016/17, 61,406 participants were served by the WIC program, a decrease of 47.6% from 117,118 in 2006/07. Of these, more than three fourths (48,797) of participants are young children zero to five years old.
- In 2015, 52.7% of women and children eligible for WIC were receiving that benefit nationally, lower than California at 65%.⁴

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).

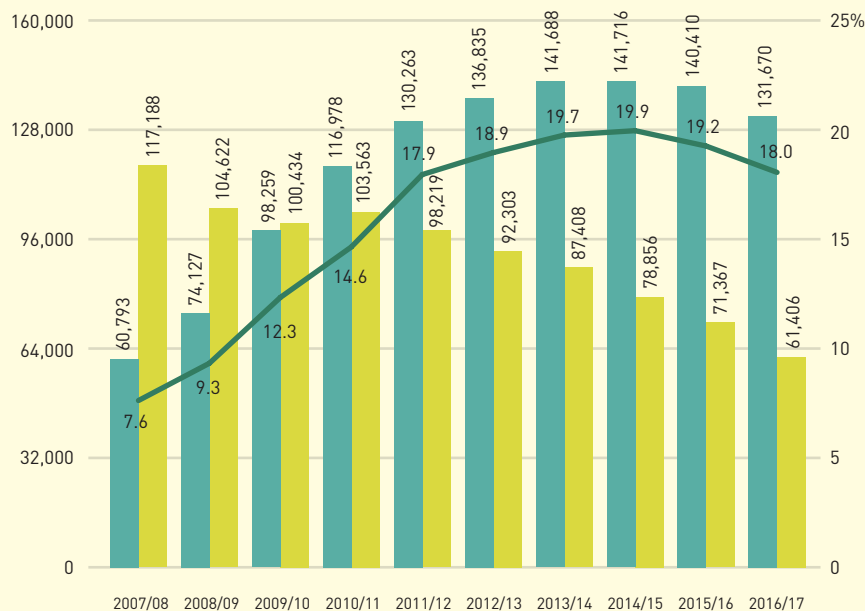
² California Department of Social Services, CalFresh County Data Dashboard, 2016. ³ California Department of Social Services, CalFresh County Data Dashboard, 2016. ⁴ USDA Special Supplemental Nutrition Program for WIC Eligibles and Coverage National and State Level Estimates.

ECONOMIC WELL-BEING

Number and Percent of Children Under 18 Years Old Served by CalFresh and Number of Participants Served by WIC 2007/08 to 2016/17

- 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

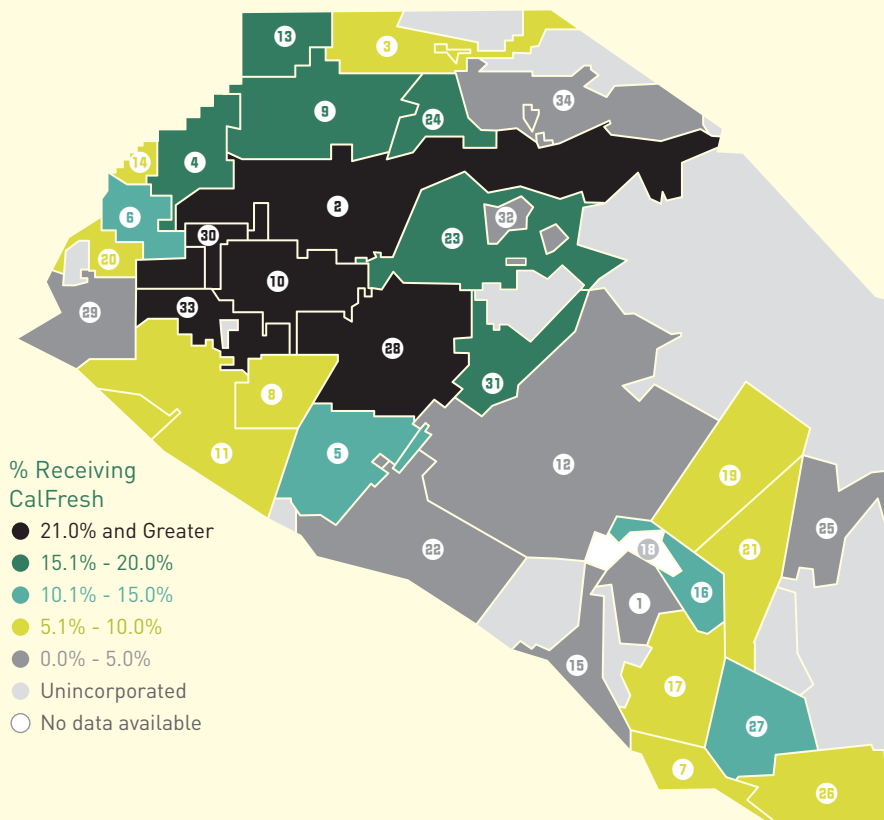


18% of Orange County Children (131,670) receive CalFresh.

Percent of Children Under 18 Years Old Receiving CalFresh, by City 2016

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

ORANGE COUNTY:
18.0%
CALIFORNIA:
27.6%



Note: *2012-2016 American Community Survey estimates no population under 18 in Laguna Woods.
Source: Orange County Social Services Agency, Family Health Division

HOUSING

FEWER STUDENTS HAVE INSECURE HOUSING IN 2016/17 THAN THE PREVIOUS SCHOOL YEAR.

DESCRIPTION OF INDICATOR

This indicator reports the number of insecurely housed students identified by school districts as homeless, meaning they are living 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 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 2016/17, 5.5% (27,119) of students in Orange County experienced insecure housing, which is 111.5% greater than in 2007/08, at 2.6% (17,051).¹ In the past year, the percent of students experiencing insecure housing has dropped slightly from 5.8% in 2015/16.
- With regard to primary nighttime residence, in 2016/17:
 - 89.5% (24,274) of insecurely housed students were doubled or tripled-up in housing.
 - 5.2% (1,423) of insecurely housed students were in hotels or motels.
 - 3.9% (1,055) of insecurely housed students were housed in shelters.
 - 1.4% (367) of insecurely housed students were unsheltered.²
- Of those students with insecure housing in 2017/16, high school age students (grades 9-12) represent the highest percentage at 50.6%, followed by elementary age students (pre K-5th) at 30.1% and middle school students (grades 6-8) at 19.3%.²

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.

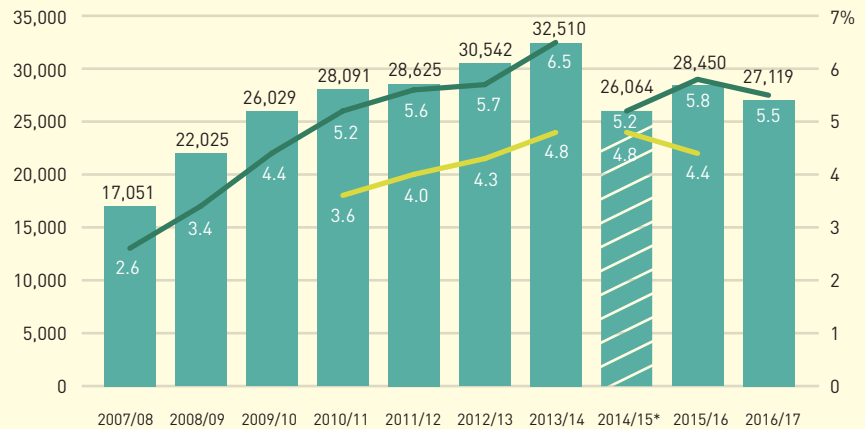
ECONOMIC WELL-BEING

Number and Percent of Students with Insecure Housing, Orange County and California, 2007/08 to 2016/17

- 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.

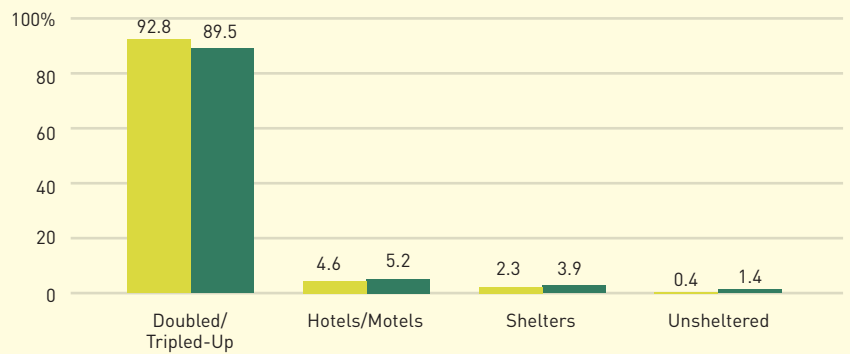
Source: California Department of Education



Primary Nighttime Residency of Insecurely Housed Students, 2007/08 and 2016/17

- 2007/08
- 2016/17

Source: California Department of Education



Percent of Enrolled Students with Insecure Housing, by School District, 2016/17

- | | | |
|---|--|---|
| 1 ANAHEIM ELEMENTARY SCHOOL 11.2% | 12 HUNTINGTON BEACH CITY SCHOOL 0.8% | 23 PLACENTIA-YORBA LINDA UNIFIED SCHOOL 11.0% |
| 2 ANAHEIM UNION HIGH SCHOOL 9.2% | 13 HUNTINGTON BEACH UNION HIGH SCHOOL 3.1% | 24 SADDLEBACK VALLEY UNIFIED SCHOOL 2.2% |
| 3 BREA-OLINDA UNIFIED SCHOOL 0.5% | 14 IRVINE UNIFIED SCHOOL 0.3% | 25 SANTA ANA UNIFIED SCHOOL 13.2% |
| 4 BUENA PARK SCHOOL 6.5% | 15 LA HABRA CITY SCHOOL 1.3% | 26 SAVANNA SCHOOL 12.8% |
| 5 CAPISTRANO UNIFIED SCHOOL 3.5% | 16 LAGUNA BEACH UNIFIED SCHOOL 0.4% | 27 TUSTIN UNIFIED SCHOOL 1.8% |
| 6 CENTRALIA SCHOOL 13.4% | 17 LOS ALAMITOS UNIFIED SCHOOL 0.4% | 28 WESTMINSTER SCHOOL 10.8% |
| 7 CYPRESS SCHOOL 11.0% | 18 MAGNOLIA SCHOOL 31.5% | |
| 8 FOUNTAIN VALLEY SCHOOL 0.2% | 19 NEWPORT-MESA UNIFIED SCHOOL 0.5% | |
| 9 FULLERTON SCHOOL 1.3% | 20 OCDE - ACCESS* 19.8% | |
| 10 FULLERTON JOINT UNION HIGH SCHOOL 2.5% | 21 OCEAN VIEW SCHOOL 7.9% | |
| 11 GARDEN GROVE UNIFIED SCHOOL 1.7% | 22 ORANGE UNIFIED SCHOOL 1.1% | |

ORANGE COUNTY: 5.5%
CALIFORNIA: 5.3%

% Students with insecure housing

- 12.1% and Greater
- 8.1% - 12.0%
- 4.1% - 8.0%
- 0.0% - 4.0%

Note: * 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

SUPPORT DISTRIBUTED TO ORANGE COUNTY FAMILIES
INCREASED 27% IN 10 YEARS.

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 important?

The number of Orange County children living in poverty has risen by 24.3% since 2010 (120,188 in 2016).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 above the poverty line to make ends meet.² Orange County 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 36.0% from 103,598 in 2008/09 to 66,296 in 2017/18. Over the same period, net collections increased slightly by 2.2% from \$180.3 million in 2008/09 to \$184.3 million in 2017/18, with an average of \$180.1 million annually.
- Most (92.8%) Orange County cases have a court order established, in comparison to California's rate of 91.1%. Since March 2008, the Orange County CSS rate has increased 19.3%.³
- The percent of current support distributed among Orange County cases during 2017/18 was 68.3%, which is higher than the California rate of 66.3%, and represents a continuous improvement since 2008/09 when the rate was 53.7% (a 27.2% increase).⁴

¹ American Community Survey 2012-2016, 5-Year Estimates, Table S1702. ² Turetsky, V., 2005. ³ California Department of Child Support Services, 2018. Percentage data source, Year to date as of March 2018, Table 01.1.1, pdf. ⁴ Department of Child Support Services, 2018. Collection Rate Percentage and Dollars Owed collected from California pulled from State of California - Health and Human Services Agency Child Support Program Statistics FFY 2017, table 1.3.

ECONOMIC WELL-BEING

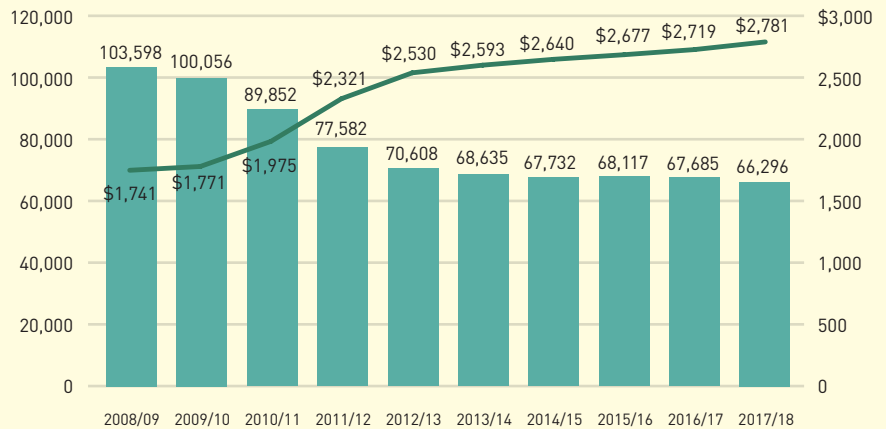
Total Child Support Cases
and Per Case Collections

2008/09 to 2017/18

- Total Number of Cases
- Per Case Collection

Note: Total cases each year is a 12-month average from July to June. Data for 2016/17 were updated from the previous Conditions of Children report.

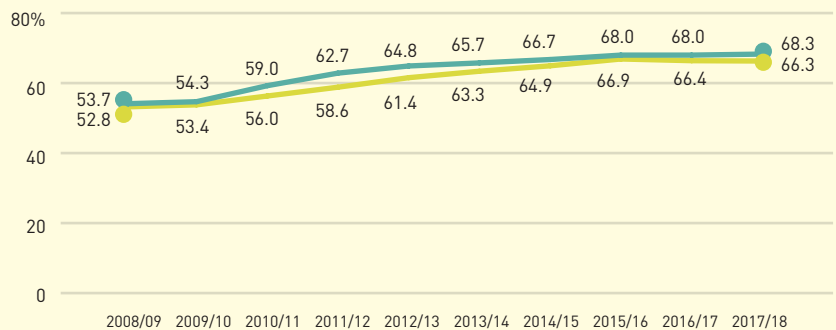
Source: Orange County Department of Child Support Services

Percent of Child Support Distributed,
Orange County and California

2008/09 to 2017/18

- Orange County
- California

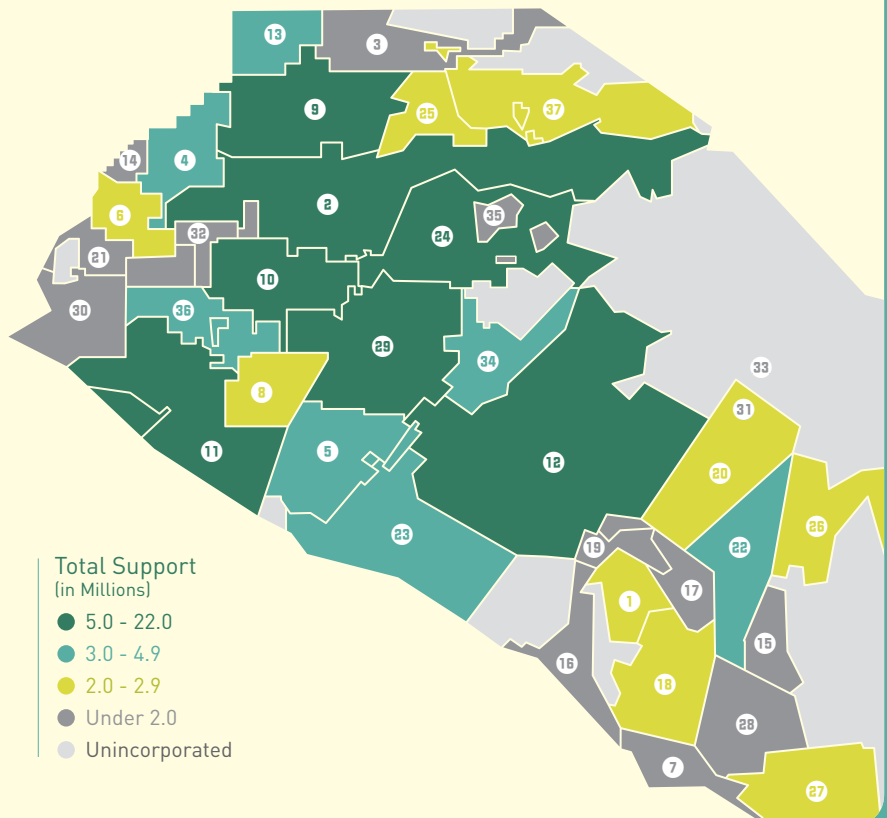
Source: Orange County Department of Child Support Services



Number of Cases and Total Support Distributed, by City, 2017/18

1 ALISO VIEJO 405 \$2,697,103.86	13 LA HABRA 928 \$3,718,315.39	25 RANCHO SANTA MARGARITA 387 \$2,268,170.92
2 ANAHEIM 5,975 \$21,547,544.04	14 LA PALMA 126 \$559,980.96	27 SAN CLEMENTE 483 \$2,840,619.73
3 BREA 431 \$1,943,253.65	15 LADERA RANCH 189 \$1,418,109.50	28 SAN JUAN CAPISTRANO 310 \$1,399,067.64
4 BUENA PARK 1,222 \$4,622,821.63	16 LAGUNA BEACH 102 \$716,798.65	29 SANTA ANA 5,434 \$19,431,520.97
5 COSTA MESA 1,066 \$4,958,481.26	17 LAGUNA HILLS 250 \$1,079,294.42	30 SEAL BEACH 81 \$503,600.94
6 CYPRESS 502 \$2,183,482.04	18 LAGUNA NIGUEL 453 \$2,507,893.14	31 SILVERADO 23 \$82,906.69
7 DANA POINT 281 \$1,571,920.96	19 LAGUNA WOODS 24 \$94,583.87	32 STANTON 551 \$1,952,659.14
8 FOUNTAIN VALLEY 435 \$2,208,889.64	20 LAKE FOREST 702 \$2,982,129.48	33 TRABUCO CANYON 168 \$1,105,031.37
9 FULLERTON 1,667 \$6,338,825.22	21 LOS ALAMITOS 198 \$916,056.75	34 TUSTIN 1,105 \$4,521,353.31
10 GARDEN GROVE 2,349 \$9,115,366.12	22 MISSION VIEJO 707 \$3,947,575.29	35 VILLA PARK 21 \$82,075.98
11 HUNTINGTON BEACH 1,881 \$8,834,115.17	23 NEWPORT BEACH 384 \$3,384,196.34	36 WESTMINSTER 1,114 \$4,758,739.13
12 IRVINE 1,302 \$7,876,243.91	24 ORANGE 1,601 \$6,271,911.71	37 YORBA LINDA 506 \$2,763,367.51
	25 PLACENTIA 621 \$2,608,660.40	

ORANGE COUNTY:
33,984 CASES
\$145.8 MILLION



Source: Orange County Department of Child Support Services

EDUCATIONAL ACHIEVEMENT INDICATORS

KINDERGARTEN READINESS

PERCENT OF CHILDREN READY FOR KINDERGARTEN



51.9% 2015
53.2% 2018

HIGH SCHOOL DROPOUT RATES

PERCENT HIGH SCHOOL DROPOUTS FOR GRADES 9-12 COHORT



12.3% 2009/10
5.3% 2016/17

THIRD GRADE ENGLISH LANGUAGE ARTS

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



46.0% 2014/15
51.0% 2016/17

COLLEGE READINESS

PERCENT OF GRADUATES WITH UC/CSU ELIGIBLE REQUIREMENTS



44.9% 2007/08
52.0% 2016/17

THIRD GRADE MATHEMATICS

PERCENT OF THIRD GRADE STUDENTS MET OR EXCEEDED STANDARDS FOR MATHEMATICS



51.0% 2014/15
56.0% 2016/17



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

ONE IN FOUR KINDERGARTENERS ARE VULNERABLE
OR AT RISK IN THE AREA OF LANGUAGE AND
COGNITIVE DEVELOPMENT.

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 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 its children for school.

Findings

- In 2018, 53.2% of children in Orange County were developmentally ready for kindergarten, a 2.5% 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).
- Among kindergartners, the areas of greatest vulnerabilities are language and cognitive

development (26% vulnerable or at-risk) and communication skills and general knowledge (26%). Fewer percentage of children are vulnerable or at risk in social competence (21%), physical health and well-being (20%) and emotional maturity (19%).

- 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 (48%).
- Communities with the highest percentage of students developmentally ready for school include North Tustin at 76.5% (102 EDI records), followed by Ladera Ranch at 76.0% (334), Los Alamitos at 67.8% (118) and Coto de Caza at 66.7% (51).²
- The lowest percentage of students ready for school are in the communities of Midway City at 36.2% (94), followed by Santa Ana at 44.1% (3,940), and Laguna Beach at 45.4% (97).

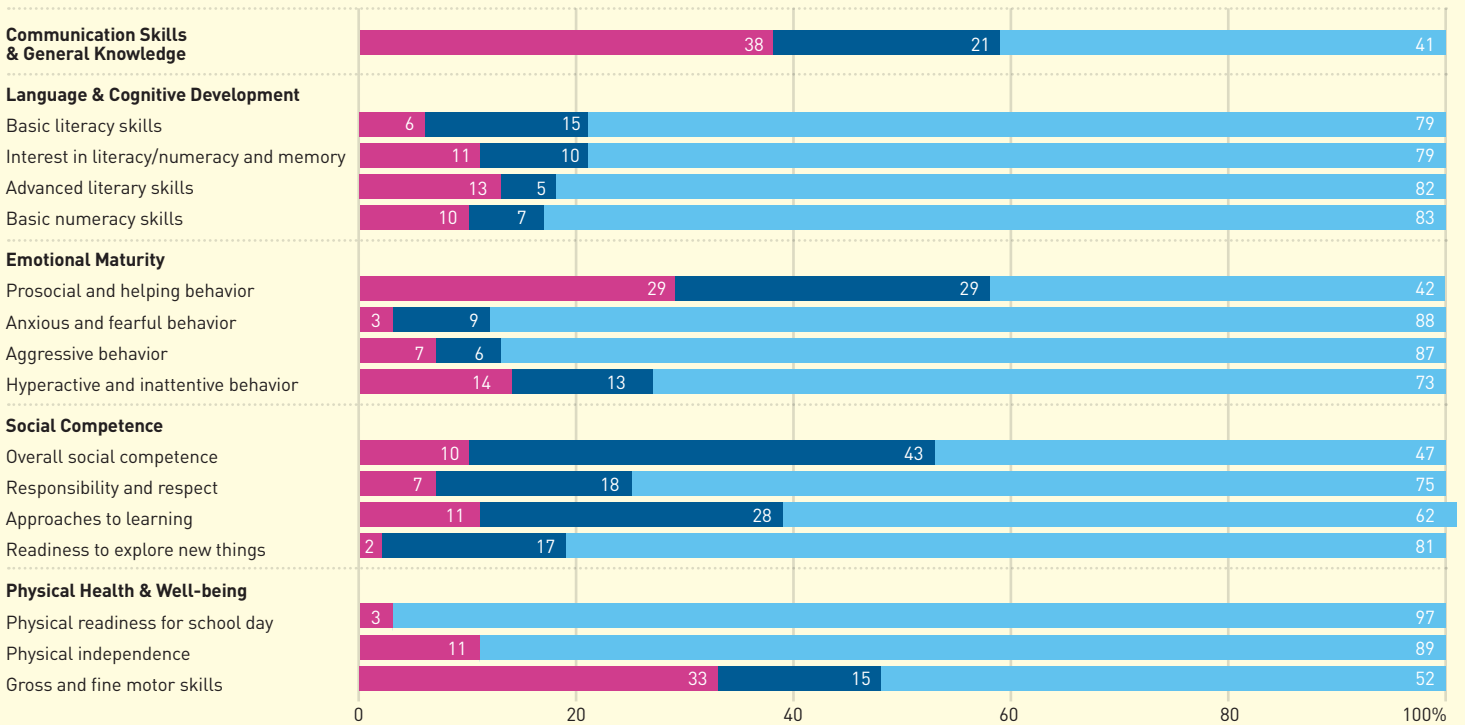
¹ Duncan, G. J., Dowsett, C. J., and Claessens, A. [2007]. School readiness and later achievement. *Developmental Psychology*, 43(6), 1428-1446.

² EDI records indicates how many assessments were completed in each community and is provided to show sample size.

EDUCATION

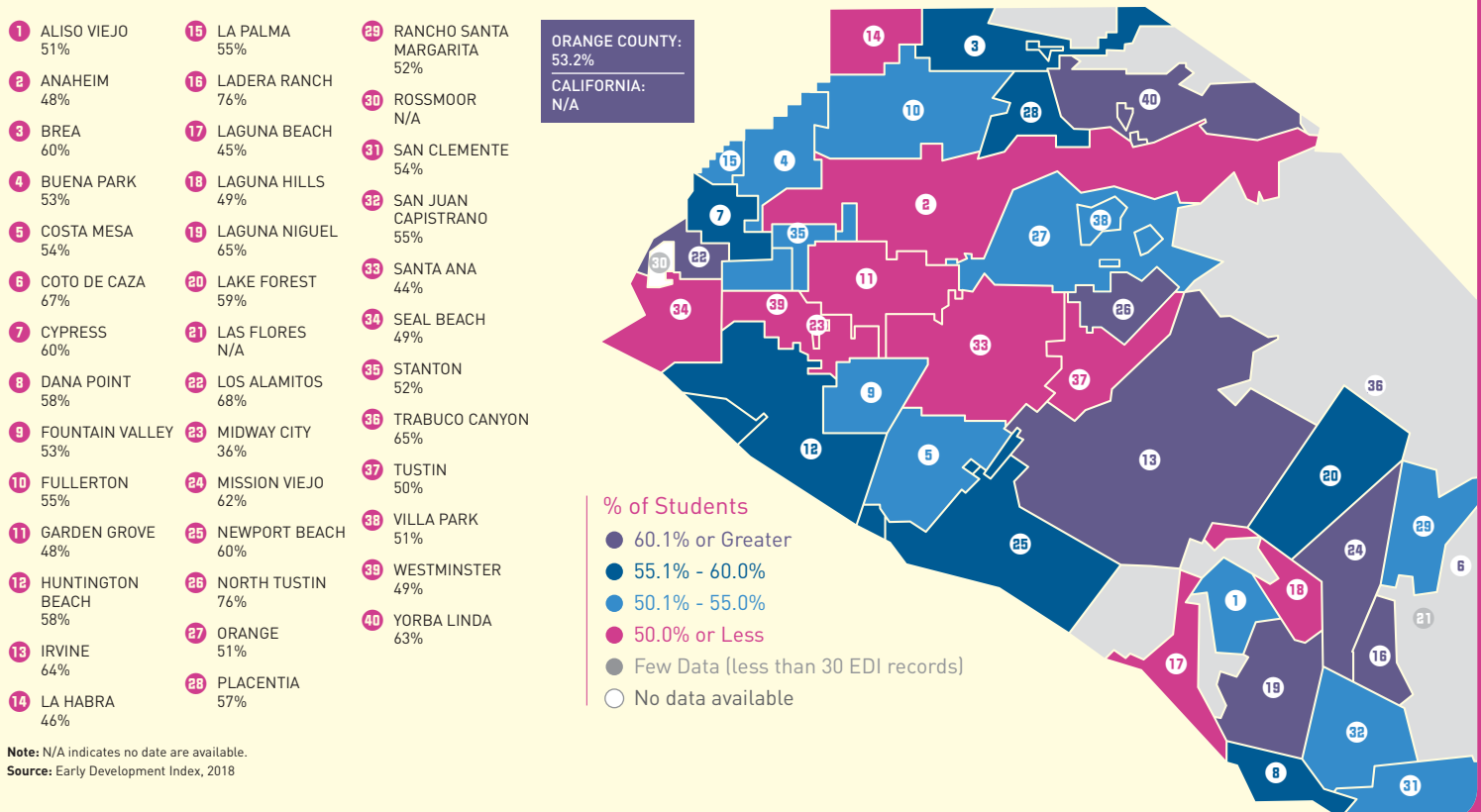
Percent of Children Not Ready for Kindergarten, by Sub Area, 2018

● Not Ready ● Somewhat Ready ● Ready



Note: Due to rounding, percentages may not add to 100. Source: Early Development Index, 2018

Percent of Children Ready for Kindergarten, by Community of Residence, 2018



Note: N/A indicates no data are available.
Source: Early Development Index, 2018

THIRD GRADE ENGLISH LANGUAGE ARTS

ECONOMICALLY DISADVANTAGED STUDENTS SHOW GREATEST IMPROVEMENT ON STANDARDIZED TESTING.

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). 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 important?

CAASPP is designed to demonstrate progress towards learning problem-solving and critical thinking skills needed for college and a 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 2017, a little over half (51%) of Orange County third grade students met or exceeded the statewide achievement standard for ELA, a 10.9% increase from 2015 (46%) and higher than California at 44%.
- Among third grade students who are not economically disadvantaged, 71% met or exceeded the achievement standards in ELA, substantially higher than those students who are economically disadvantaged at 32%.
- The greatest improvement was among economically disadvantaged students with a 21% increase in students who met or exceeded standards compared to a 3% increase

among students who were not economically disadvantaged.

- The ELA assessments are subdivided by four academic focus areas. Thirty percent of third graders exceeded standards in the area of writing, followed by 29% in research/inquiry, 27% in reading and 21% exceeded standards in listening.
- Across all focus areas, more third grade students were above standards in 2017 than 2015. The greatest improvement was in writing (28% increase), followed by research/inquiry (27% increase), listening (19% increase) and reading (19% increase) focus areas.
- Within each race/ethnic group, Asian students had the highest percentage of students who exceeded or met standards for ELA at 77%, followed by Filipino (73%), Multiracial (69%), White (69%), Pacific Islander (48%), Black (42%), and Hispanic (33%) students. American Indian students were the lowest percentage of students who met or exceed standards (32%), a decrease of 28.9% since 2015.
- The school districts with the highest percentage of third grade students exceeding or meeting standards for overall achievement in English language arts are Laguna Beach (83%), Los Alamitos (81%), Fountain Valley (71%) and Huntington Beach City (71%). The school districts with the lowest percentages are Anaheim City (23%), Santa Ana City (24%) and La Habra City (35%).

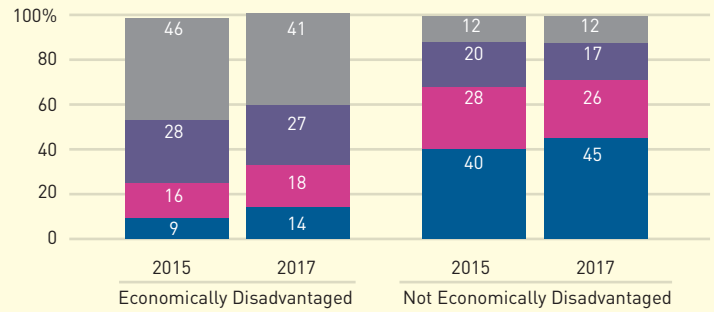
EDUCATION

Overall Achievement in ELA Among Third Grade Students, by Socioeconomic Status, 2015 and 2017

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

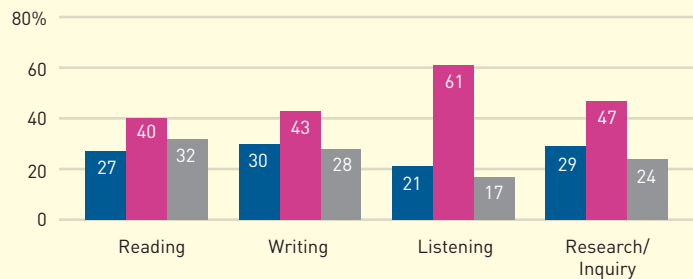
Note: A student is defined as "economically disadvantaged" if the most educated parent of the student, as indicated in CALPADS, has not received a high school diploma or the student is eligible to participate in free or reduced-price lunch program also known as the National School Lunch Program.

Source: CAASPP, 2017



Achievement in ELA Focus Areas Among Third Grade Students, 2017

● Above Standard ● At or Near Standard ● Below Standard

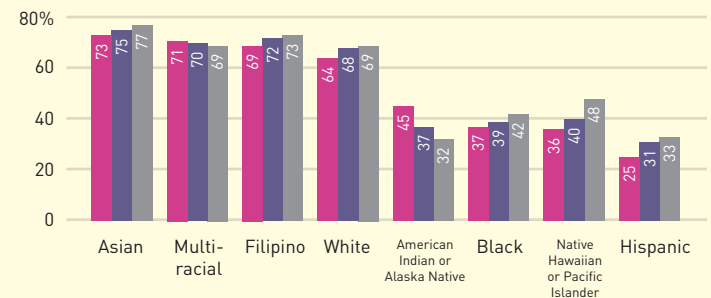


Note: ELA results include information about the students' performance in the areas of reading, writing, listening, and research. The student's performance in these key areas for each subject are reported using the following three indicators: below standard, at or near standard, and above standard.

Source: CAASPP, 2017

Overall Achievement in ELA Among Third Grade Students, by Race/Ethnicity, 2015 to 2017

● 2015 Standard Exceeded/Met ● 2016 Standard Exceeded/Met ● 2017 Standard Exceeded/Met



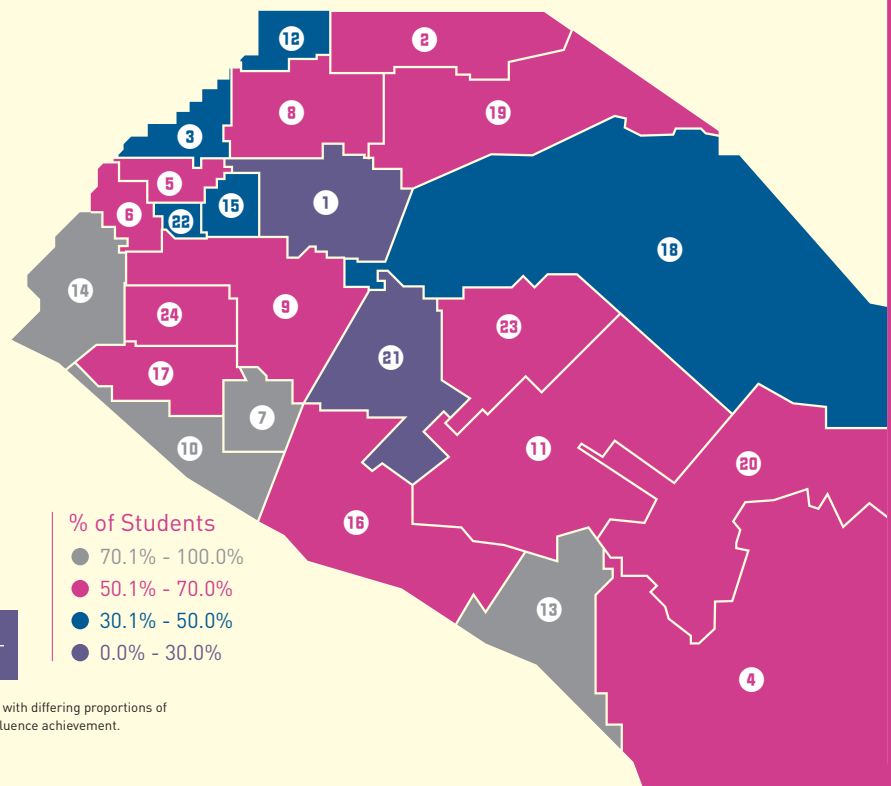
Note: Third grade student enrollment by race/ethnicity is 51% Hispanic, 24% White, 16% Asian, 4% Multiracial, 2% Filipino, 1% Black, 0.3% Pacific Islander, and 0.2% American Indian.

Source: CAASPP, 2017

Percent of Third Grade Students Who Exceeded or Met Standards for ELA Overall Achievement, by School District, 2017

- | | |
|--|---|
| 1 ANAHEIM CITY
23% | 14 LOS ALAMITOS UNIFIED
81% |
| 2 BREA-OLINDA UNIFIED
62% | 15 MAGNOLIA ELEMENTARY
49% |
| 3 BUENA PARK ELEMENTARY
43% | 16 NEWPORT-MESA UNIFIED
58% |
| 4 CAPISTRANO UNIFIED
60% | 17 OCEAN VIEW
60% |
| 5 CENTRALIA ELEMENTARY
55% | 18 ORANGE COUNTY UNIFIED
47% |
| 6 CYPRESS ELEMENTARY
63% | 19 PLACENTIA-YORBA LINDA UNIFIED
63% |
| 7 FOUNTAIN VALLEY ELEMENTARY
71% | 20 SADDLEBACK VALLEY UNIFIED
54% |
| 8 FULLERTON ELEMENTARY
51% | 21 SANTA ANA UNIFIED
24% |
| 9 GARDEN GROVE UNIFIED
52% | 22 SAVANNA ELEMENTARY
41% |
| 10 HUNTINGTON BEACH CITY ELEMENTARY
71% | 23 TUSTIN UNIFIED
55% |
| 11 IRVINE UNIFIED
70% | 24 WESTMINSTER
55% |
| 12 LA HABRA CITY ELEMENTARY
35% | |
| 13 LAGUNA BEACH UNIFIED
83% | |

ORANGE COUNTY: 51%
CALIFORNIA: 44%



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, 2017

THIRD GRADE MATHEMATICS

MORE THAN HALF OF THIRD GRADE STUDENTS MET OR EXCEEDED STANDARDS IN MATH.

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 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 re-allocation 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 2017, over half (56%) of Orange County third grade students met or exceeded the statewide achievement standard in math, a 9.8% increase from 2015 and higher than California at 47%.
- Among third grade students who are not economically disadvantaged, 75% met or exceeded the achievement standards in math, substantially higher than those students who are economically disadvantaged at 37%.

- The greatest improvement was among economically disadvantaged students with a 19% increase in students who met or exceeded standards from 2015 to 2017 compared to a 4% increase among students who were not economically disadvantaged.
- Four in 10 (40%) third grade students were above the standard in concepts and procedures compared to problem solving and modeling/data analysis (32%) and communicating reasoning (34%).
- Asian students had the highest percentage of students who exceeded or met standards in math at 85%, followed by Filipino (74%), Multiracial (74%), White (72%), Pacific Islander (56%), Black (39%), American Indian (37%) and Hispanic (37%) students.
- The school districts with the highest percentage of third grade students exceeding or meeting standards for overall achievement in math were Los Alamitos Unified (86%), Laguna Beach Unified (85%), Fountain Valley Elementary (78%), and Irvine Unified (77%).
- The school districts with the lowest percentage of third grade students exceeding or meeting standards for overall achievement in math were Anaheim City (27%), followed by Santa Ana Unified (32%), and La Habra City Elementary (45%).

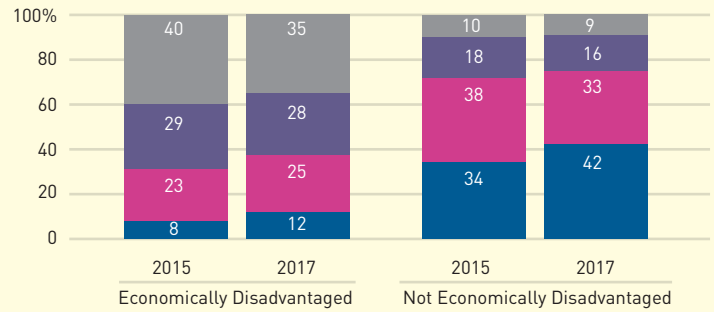
EDUCATION

Overall Achievement Among Third Grade Students
in Mathematics, by Socioeconomic Status, 2015 and 2017

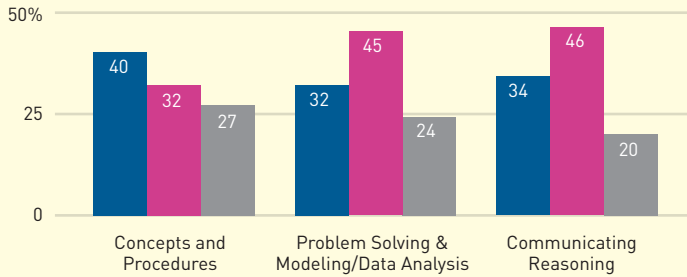
● Standard Not Met ● Standard Met
● Standard Nearly Met ● Standard Exceeded

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, 2017

Achievement in Mathematics Focus Areas Among
Third Grade Students, 2017

● Above Standard ● At or Near Standard ● Below Standard

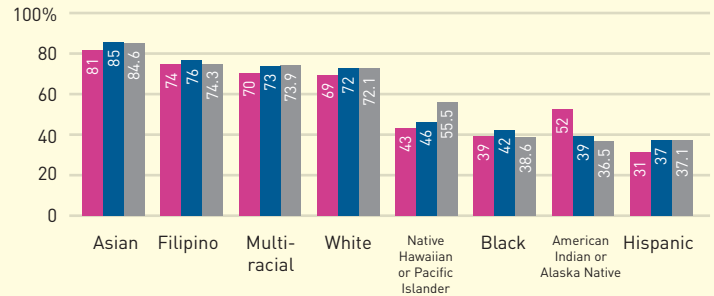


Note: Math results include information about the students' performance in the areas of concepts and procedures, problem solving & modeling/data analysis, and communicating reasoning. The student's performance in these key areas for each subject are reported using the following three indicators: below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

Source: CAASPP, 2017

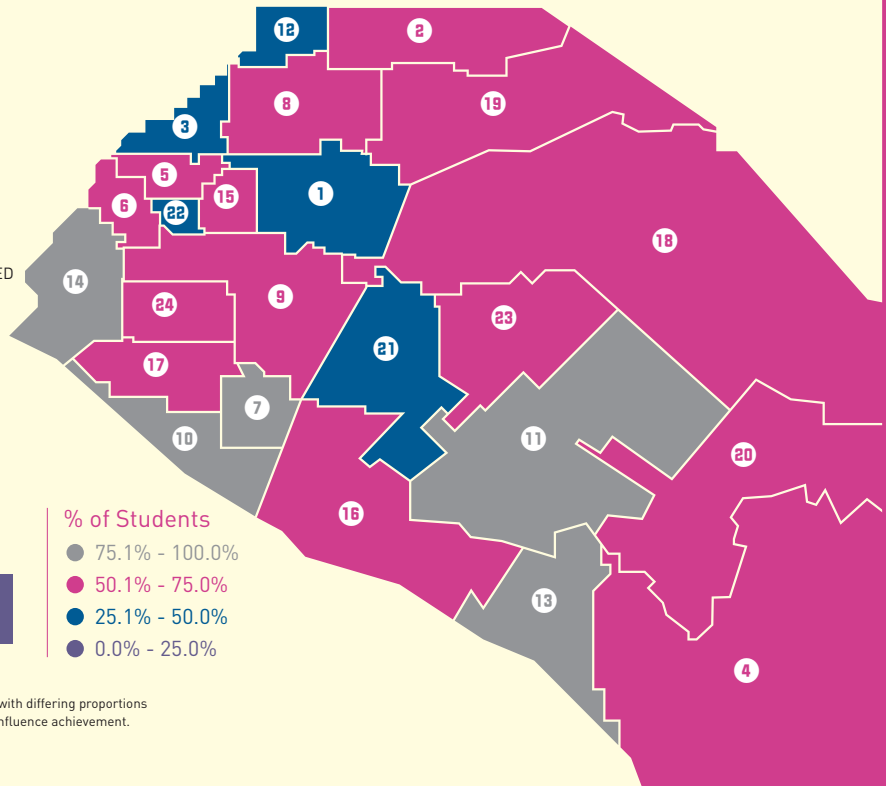
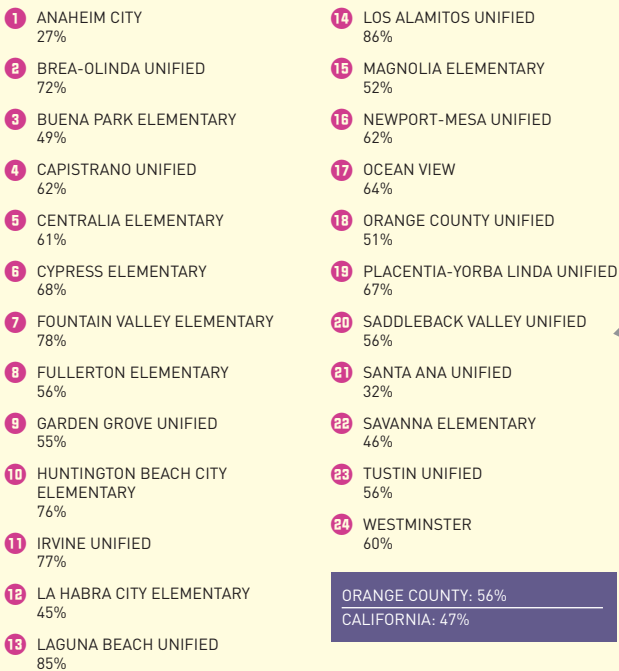
Overall Achievement in Mathematics Among Third
Grade Students, by Race/Ethnicity, 2015 to 2017

● 2015 Standard Exceeded/Met ● 2017 Standard Exceeded/Met
● 2016 Standard Exceeded/Met



Note: Third grade student enrollment by race/ethnicity is 51% Hispanic, 24% White, 16% Asian, 4% Multiracial, 2% Filipino, 1% Black, 0.3% Pacific Islander, and 0.2% American Indian.

Source: CAASPP, 2017

Percent of Third Grade Students Who Exceeded or Met Standards
for Mathematics Overall Achievement, by School District, 2017

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, 2017

HIGH SCHOOL DROPOUT RATES

ORANGE COUNTY DROPOUT RATE IS 5.3%; LOWER THAN THE RATE ACROSS CALIFORNIA.

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 2008, a student is considered a dropout if he or she was 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 who received a diploma, General Education Diploma (GED), or California High School Proficiency Exam (CHSPE) certificate; transferred to a degree-granting college; died; had a school-recognized absence; or were known to have left the state are not counted as dropouts.¹

Why is this important?

Education provides benefits to both individuals and society. Compared to high school graduates, dropouts earn lower wages, pay fewer taxes, are more likely to commit crimes, are more likely to be on welfare and are far less healthy.²

Findings

- The Orange County cohort dropout rate for 2016/17 was 5.3% and lower than the California dropout rate of 9.1% in 2016/17 and the United States dropout rate for public schools of 6.1% in 2016.³
- In 2016/17, there were 40,949 cohort students of which 36,360 graduated and 2,185 students dropped out. The remaining 2,404 students did not graduate because they were either considered still enrolled at the time of the cohort's graduation (1,260 students), Special Education completers (359 students), CHSPE completers (193), or received an adult education diploma (14) or the GED (31 students). A total of 547 students were "other transfers."

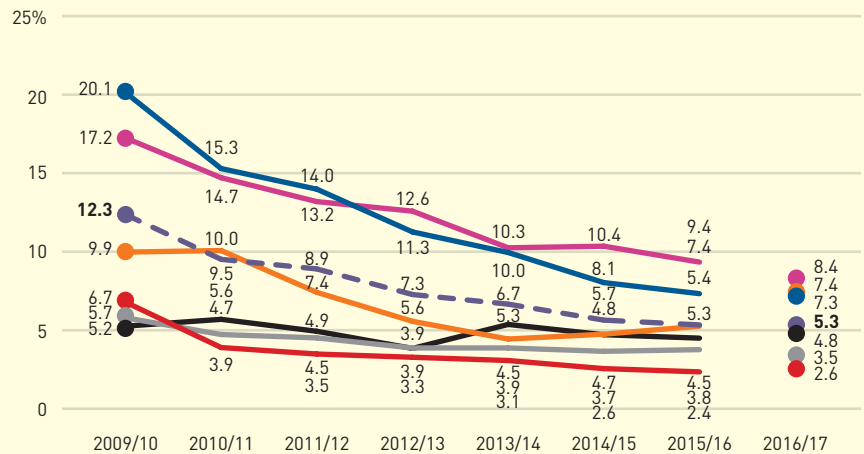
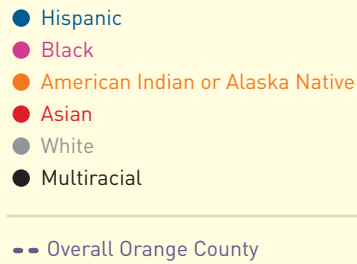
- Dropout rates for the 2016/17 school year continued to be highest among Black students (8.4%), followed by Hispanic (7.4%), American Indian (7.3%), Multiracial (4.8%), White (3.5%), and Asian (2.6%) students.
- By program, dropout rates were highest among students enrolled as foster youth (26.5%), followed by English Learners (12.9%), Migrant Education (10.3), Students with Disabilities (9.0%), and Socioeconomically Disadvantaged (7.9%) programs.⁴

¹ 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. ² Belfield, C. and Levin, H. (2007). The Economic Losses from High School Dropouts in California. ³ National Center of Education Statistics, 2017, table 219.70. 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.

EDUCATION

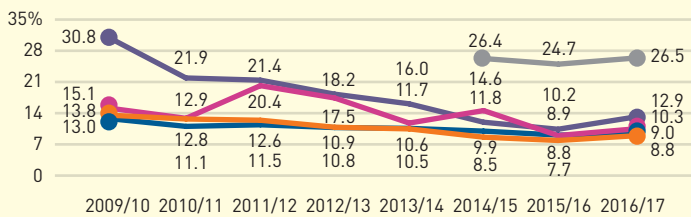
Percent of Grade 9-12 Cohort
Dropouts, by Race/Ethnicity

2009/10 to 2016/17

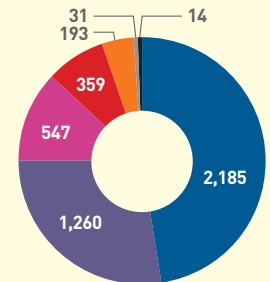
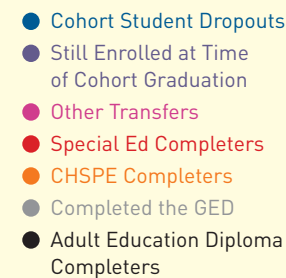


Note: The 2016-17 Four-Year Adjusted Cohort Graduation Rate (ACGR) and Outcome data has been released. Beginning in 2016-17, the ACGR and Outcome data were calculated using different business rules and are not comparable with the Cohort Outcome data from previous years.

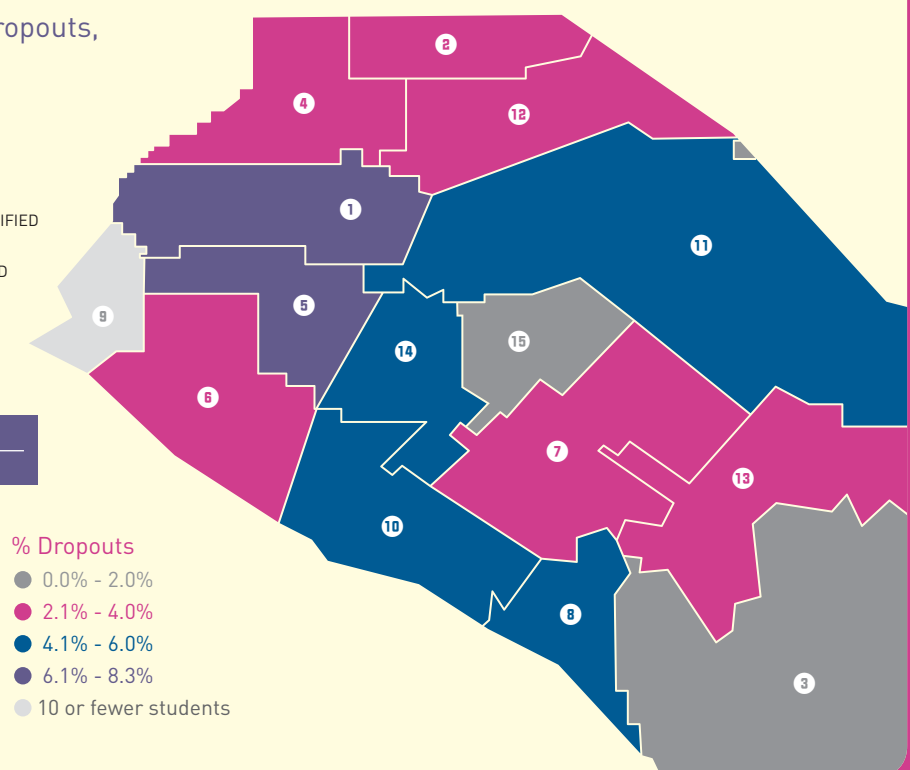
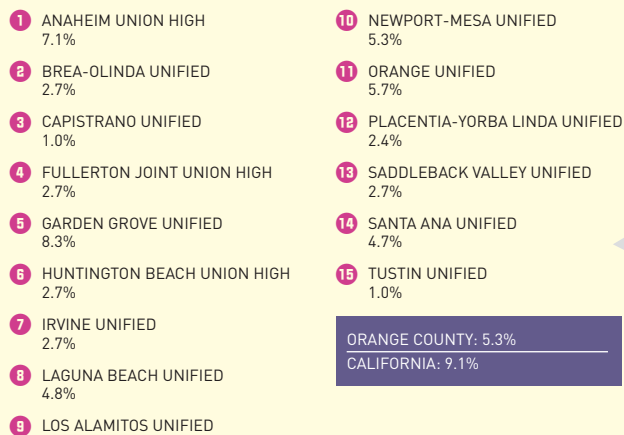
Source: California Department of Education, DataQuest, 2017.

Percent of Grade 9-12 Cohort Dropouts,
by Program, 2009/10 to 2016/17

Source: California Department of Education, DataQuest, 2017.

Number of Students Who Did Not Graduate
by Cohort, by Reason, 2016/17

Source: California Department of Education, DataQuest, 2017.

Percent of Grade 9-12 Cohort High School Dropouts,
by School District, 2016/17

*Appears to protect student privacy where there are 10 or fewer students.

Source: California Department of Education, DataQuest, 2017.

COLLEGE READINESS

OVERALL COLLEGE READINESS INCREASES; RATES VARY AMONG RACES/ETHNICITIES AND PROGRAMS.

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.

Why is this 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.¹

Findings

- In 2016/17, Orange County had 37,355 high school graduates, of which 52.0% were UC/CSU eligible, higher than California's eligibility rate of 46.8%.²
- UC/CSU eligibility in Orange County increased 15.8% in 10 years, from 44.9% of graduates in 2007/08 to 52.0% in 2016/17.

- At 77.5%, Asian students had the greatest proportion of graduates who were UC/CSU eligible, followed by White (58.1%), Multiracial (56.7%), Black (38.3%), Hispanic (38.0%), and American Indian (32.9%), graduates.
- Hispanic graduates comprise the largest group of total graduates (44.0%), while only 38.0% of those were UC/CSU eligible. This is lower than Asian (16.0% of total graduates, of which 77.5% were UC/CSU eligible) and White (31.0% of graduates, of which 58.1% were UC/CSU eligible) graduates.
- Since 2007/08, the UC/CSU eligibility rates for graduates have increased the most among students in the Migrant Education program (159.1% increase), followed by students in the Socioeconomically Disadvantaged program (71.9% increase). The eligibility rate for graduates of the English Learner program has declined 67.7% since 2007/08.³

UC/CSU Requirements

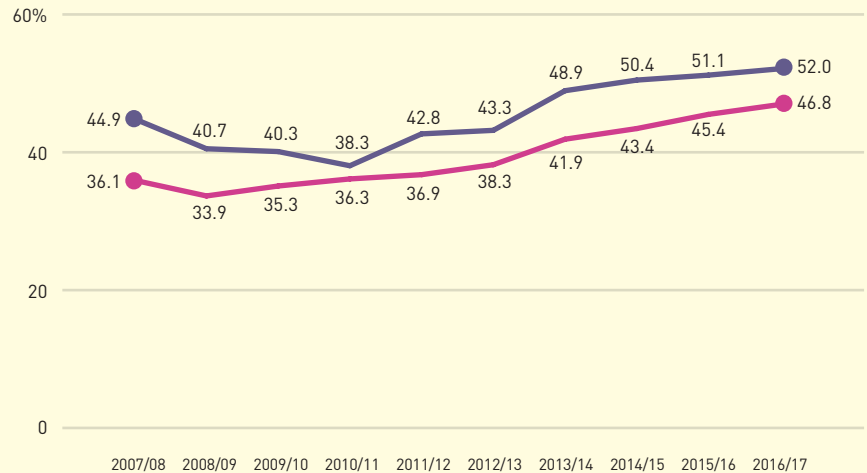
- 4 years of English
- 3 years of Math, including Algebra, Geometry, and Intermediate Algebra
- 2 years of History/Social Studies, including one year of U.S. History or one-half year of U.S. History and one-half year of Civics or American Government; and one year of World History, Cultures, and Geography
- 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

EDUCATION

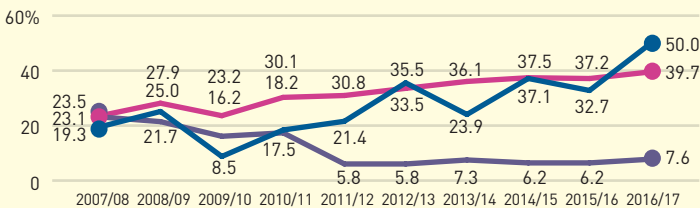
Percent of Graduates in Orange County
and California Meeting UC/CSU Entrance
Requirements, 2007/08 to 2016/17

● Orange County
● California

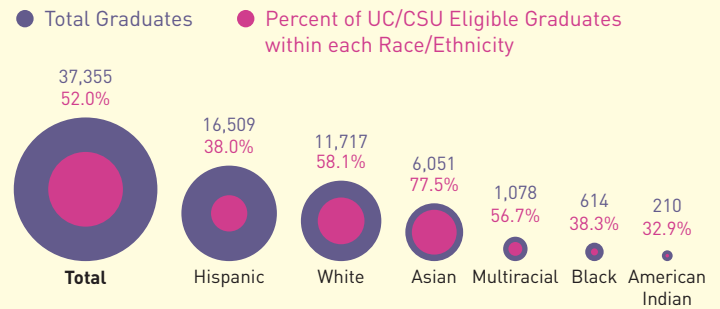
Source: California Department of Education, DataQuest, 2018.

Percent of Graduates, by Program Meeting
UC/CSU Entrance Requirements, 2007/08 to 2016/17

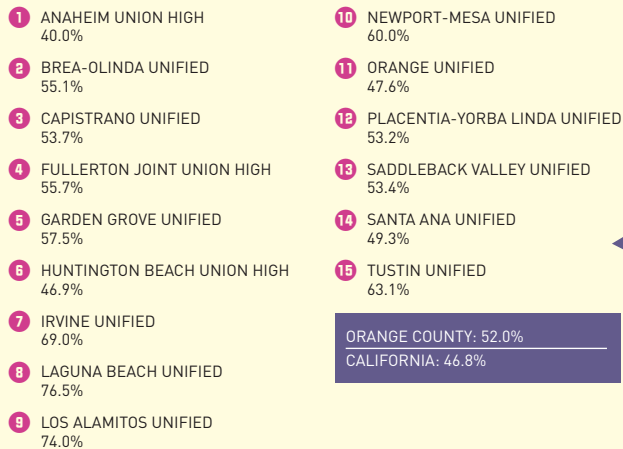
● Socioeconomically Disadvantaged ● English Learners ● Migrant Education



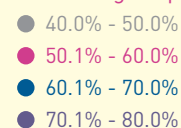
Source: California Department of Education, DataQuest, 2018.

Number of Graduates and Percent of Graduates
Meeting UC/CSU Entrance Requirements, 2016/17

Source: California Department of Education, DataQuest, 2018.

Percent of Graduates Meeting UC/CSU
Entrance Requirements, by School District, 2016/17

% Meeting Requirements



Source: California Department of Education, DataQuest, 2018.

SAFE HOMES AND COMMUNITIES INDICATORS

PREVENTABLE CHILD AND YOUTH DEATHS

UNINTENTIONAL INJURY DEATH RATE
PER 100,000 YOUTH 1 TO 19 YEARS OLD



6.9
2007

4.6
2016

JUVENILE ARRESTS

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



4,111
2007

1,332
2016

SUBSTANTIATED CHILD ABUSE

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



11.2
2008

6.4
2017

JUVENILE SUSTAINED PETITIONS

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



1,048
2003

442
2016

CHILD WELFARE

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



38.9%
2006/07

38.8%
2015/16

GANG ACTIVITY AMONG YOUTH

JUVENILE GANG-RELATED
PROSECUTIONS PER 100,000 YOUTH
10 TO 17 YEARS OLD



144.4
2008

26.9
2017



UPWARD TREND
IMPROVEMENT



UPWARD TREND
NEEDS IMPROVEMENT



DOWNWARD TREND
IMPROVEMENT



DOWNWARD TREND
NEEDS IMPROVEMENT



PREVENTABLE CHILD AND YOUTH DEATHS

UNINTENTIONAL INJURIES DECLINE WHILE SUICIDE AND HOMICIDE RATES GRADUALLY INCREASE.

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 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 is 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 inequities, for example, in access to health care or safe places to play.² Because 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 16).

Findings

- Orange County's overall injury death rate for children has increased 2.2% from 9.1 per 100,000 children ages one to 19 years in 2007 to 9.3 per 100,000 children in 2016, which is lower than California's rate of 11.3 in 2016.
- The unintentional injury death rate (e.g., accidental poisoning, motor vehicle accident, or drowning) decreased 33% from a peak rate of 6.9 per 100,000 children in 2007 to 4.6 per 100,000 children in 2016.
- Despite this decrease, unintentional injuries accounted for the highest average number (37 per year) and rate (4.8 per 100,000) of all injury deaths to children between 2014 and 2016, followed by cancer (21 per year) and suicide (16 per year).
- Suicide rates for children have increased 150% from 1.0 per 100,000 children ages one to 19 years in 2007 to 2.5 per 100,000 children in 2016. Homicide rates have also increased by 72.7%, from 1.1 per 100,000 children ages one to 19 years in 2007 to 1.9 per 100,000 children in 2016.
- Over half (52.3%) of all child and youth deaths were among older teens (ages 15 to 19).
- Male mortality rate increased 54% from 17.0 per 100,000 in 2015 to 26.2 per 100,000 in 2016. During the same period, the female mortality rate remained stable (13.7 per 100,000 in 2015 and 13.6 per 100,000 in 2016).
- White, Hispanic, and Asian/Pacific Islander groups had higher rates in 2016 when compared to 2015 (19.4 vs 13.9, 20.2 vs 16.8, and 21.2 vs 15.7, respectively).

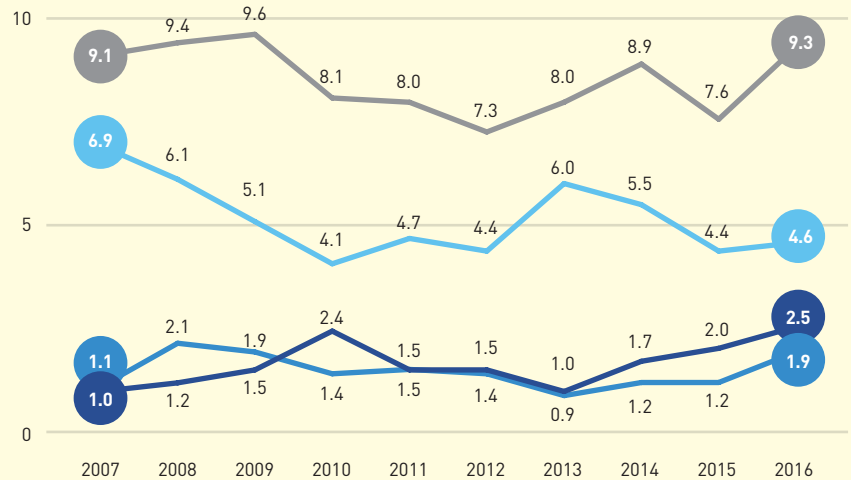
SAFE HOMES & COMMUNITIES

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

2007 to 2016

- All Injury Deaths
- Unintentional Injury
- Suicide
- Homicide

Source: Orange County Health Care Agency

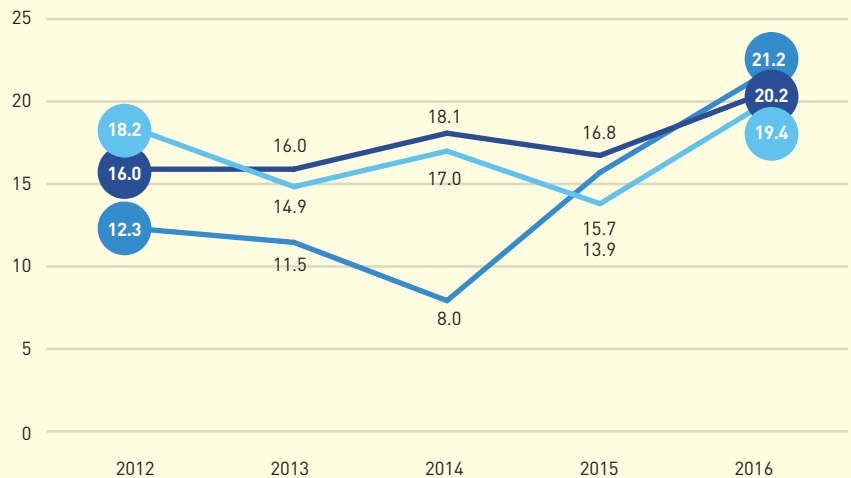


Overall Mortality Rates for Children, One to 19 Years Old, by Race/Ethnicity

Orange County, 2012 to 2016

- White
- Hispanic
- Asian or 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, 2014-2016

	1-4 Years	5-9 Years	10-14 Years	15-19 Years	1-19 Years
FIRST LEADING CAUSE	Unintentional Injuries (16)	Cancer (19)	Unintentional Injuries (20)	Unintentional Injuries (62)	Unintentional Injuries (110)
SECOND LEADING CAUSE	Congenital Anomalies* (13)	Unintentional Injuries (12)	Cancer (14)	Suicide (42)	Cancer (63)
THIRD LEADING CAUSE	Cancer* (13)	Congenital Anomalies (9)	Suicide (5)	Homicide (29)	Suicide (47)

Notes: Three-year total number of deaths. *Tied

Source: Orange County Health Care Agency

SUBSTANTIATED CHILD ABUSE

SUBSTANTIATED ABUSE IS DECLINING; CHILDREN UNDER SIX MAKE UP THE GREATEST PROPORTION OF SUBSTANTIATED CHILD ABUSE.

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 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 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 2017, 31,683 children were the subject of one or more child abuse allegations in Orange County. Of these, 14.6% (4,628) of children had substantiated allegations of child abuse, higher than California in 2015, at 13.8%.¹
- In 2017, substantiated allegations occurred at a rate of 6.4 per 1,000 children, a 42.9% decrease from 11.2 in 2008, and lower than California (7.5), with a 26.5% decrease from

10.2 in 2008. In 2014, there were approximately 692,235 maltreated children with substantiated allegations in the United States, a rate of 9.1 per thousand population, 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 12.8% of substantiated child abuse allegations and children one to five years old made up 30.7% of allegations totaling 43.5%. Children six to 10 years old made up 27.9%; 11 to 15 years old, 21.2%; and 16 to 17 years old, 7.4%.
- In 2016, most (71.0%) substantiated child abuse allegations were due to general neglect, followed by at-risk/sibling abuse (11.3%), severe neglect (5.3%), and sexual abuse (5.1%) substantiated allegations. Physical abuse (3.8%), caretaker absence (2.5%), emotional abuse (0.3%) and exploitation (0.8%) made up the remaining types.

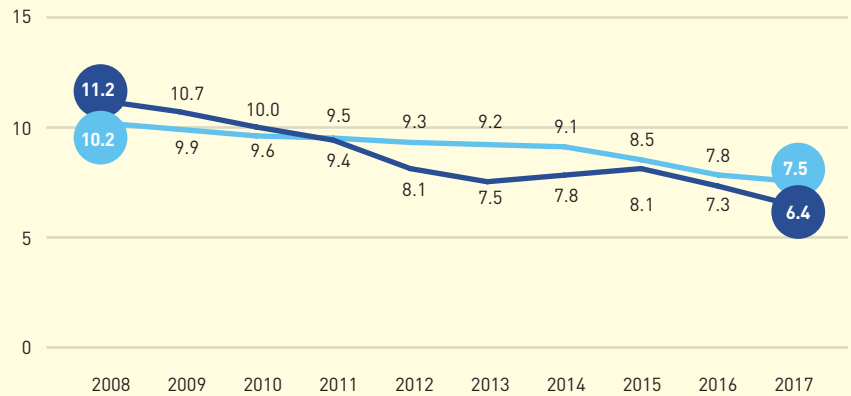
SAFE HOMES & COMMUNITIES

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

2008 to 2017

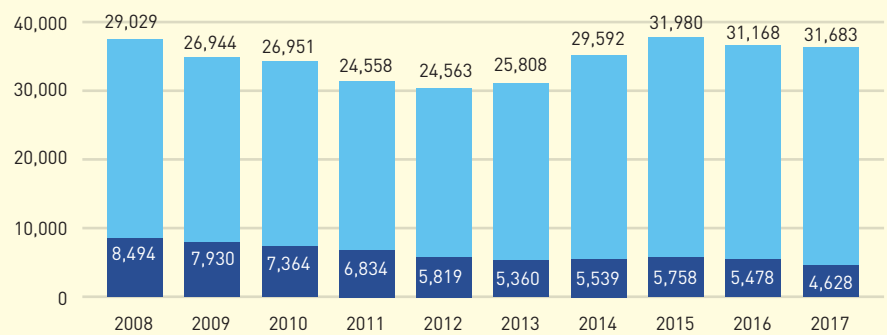
- Orange County
- California

Note: Rates are based on unduplicated count of children.
Source: Orange County Social Services Agency, 2017

Total Number of Children with Child
Abuse Allegations and Substantiated
Allegations, 2008 to 2017

- Child Abuse Allegations
- Substantiated Allegations

Note: Numbers are based on unduplicated count of children.
Source: CWS/CMS 2016 Quarter 4 Extract, Orange County Social Services Agency

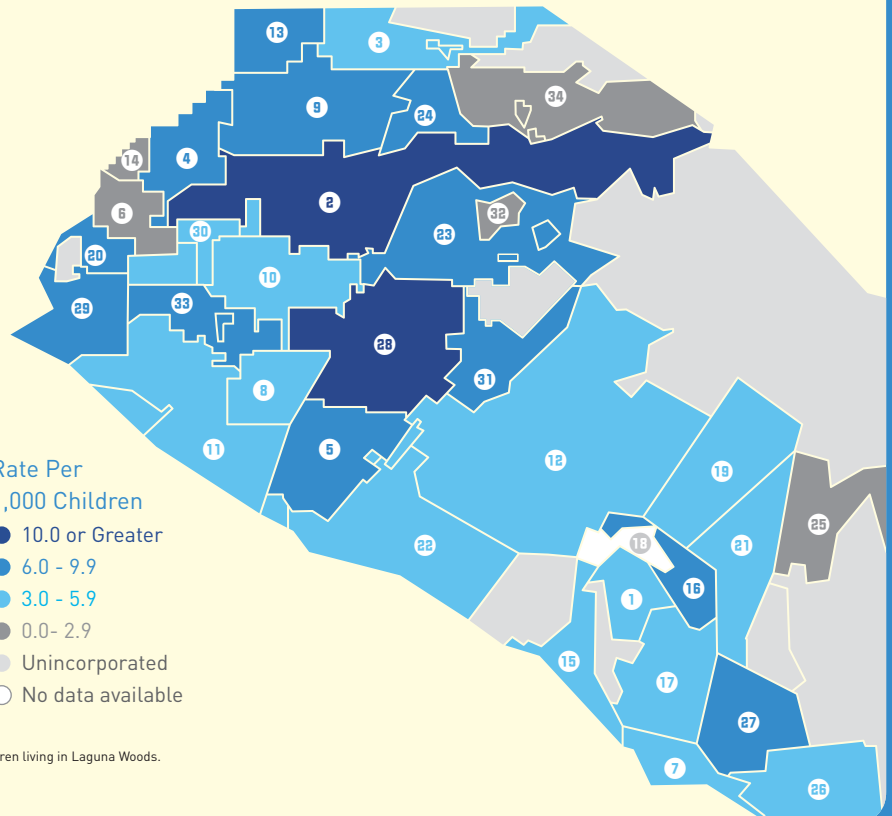
Substantiated Child Abuse Allegations,
Rate per 1,000 Children, by City, 2017

- | | | |
|-------------------------------|-------------------------------------|----------------------------------|
| 1 ALISO VIEJO
4.0 | 14 LA PALMA
2.8 | 27 SAN JUAN
CAPISTRANO
8.9 |
| 2 ANAHEIM
12.8 | 15 LAGUNA BEACH
3.3 | 28 SANTA ANA
12.2 |
| 3 BREA
5.0 | 16 LAGUNA HILLS
6.3 | 29 SEAL BEACH
7.3 |
| 4 BUENA PARK
6.4 | 17 LAGUNA NIGUEL
5.3 | 30 STANTON
4.8 |
| 5 COSTA MESA
9.4 | 18 LAGUNA WOODS
N/A | 31 TUSTIN
8.8 |
| 6 CYPRESS
2.8 | 19 LAKE FOREST
4.6 | 32 VILLA PARK
0.0 |
| 7 DANA POINT
5.2 | 20 LOS ALAMITOS
8.2 | 33 WESTMINSTER
7.2 |
| 8 FOUNTAIN VALLEY
3.5 | 21 MISSION VIEJO
4.0 | 34 YORBA LINDA
1.8 |
| 9 FULLERTON
8.4 | 22 NEWPORT
BEACH
4.2 | |
| 10 GARDEN GROVE
5.3 | 23 ORANGE
7.5 | |
| 11 HUNTINGTON
BEACH
4.8 | 24 PLACENTIA
7.9 | |
| 12 IRVINE
4.5 | 25 RANCHO SANTA
MARGARITA
2.8 | |
| 13 LA HABRA
6.4 | 26 SAN CLEMENTE
4.1 | |

ORANGE COUNTY:
6.4
CALIFORNIA:
7.5

Rate Per
1,000 Children

- 10.0 or Greater
- 6.0 - 9.9
- 3.0 - 5.9
- 0.0 - 2.9
- Unincorporated
- No data available



Note: N/A indicates data are not available. For Laguna Woods, this is due to the small number of children living in Laguna Woods.
Source: Orange County Social Services Agency, 2017

CHILD WELFARE

PLACEMENT OF FOSTER CHILDREN IN PERMANENT HOMES EXCEEDS THE STATE FOR THE FIRST TIME IN SIX YEARS; HOWEVER, THE RATE OF CHILDREN REENTERING FOSTER CARE IS CLIMBING.¹

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 important?

The placement of children in out-of-home 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 out-of-home 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 2015/16, 38.8% of Orange County children were placed in permanent homes within 12 months of entering foster care, higher than

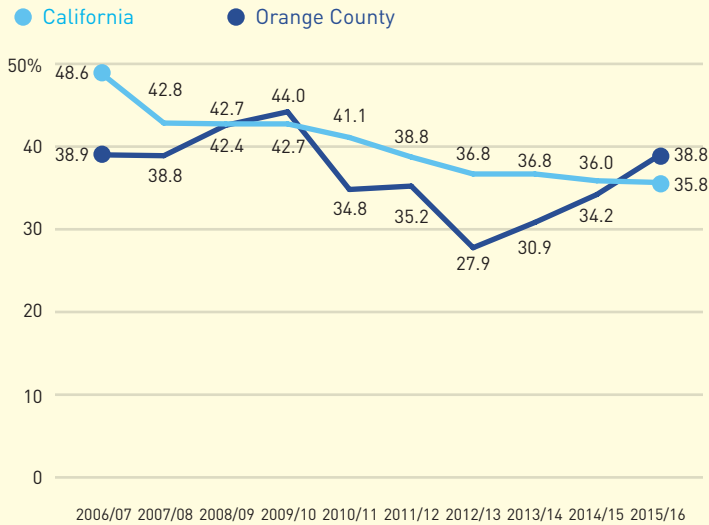
California at 35.8% for the first time in six years. The national goal is greater than or equal to 40.5%.

- Of the nearly 40% of children who were placed in permanent homes within 12 months of entering foster care in 2015/16, reunification was the most common type of permanency (36.1%), followed by adoption (1.6%) and guardianship (1.1%).
- The percent of children in Orange County reentering foster care within 12 months of reunification or guardianship increased for the third consecutive year.³ In 2014/15, the rate of reentry was 10.4%, a 19.5% increase since 2005/06.⁴ California was higher at 10.7%. The national goal is less than or equal to 9.3%.
- In 2016/17, 28.6% of children were in foster care for two years or more before being placed in a permanent home, 19.2% higher than in 2007/08 (24.0%). California is higher at 30.7%. 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 Historically, an increase in the rate of permanency within 12 months has been associated with a greater percent of youth re-entering foster care. The increase in the rate of re-entry may also be associated with a growing population of youth with higher level of needs. ⁴ Reentry measures are only for those children who have been removed from the home and reach reunification or guardianship within 12 months.

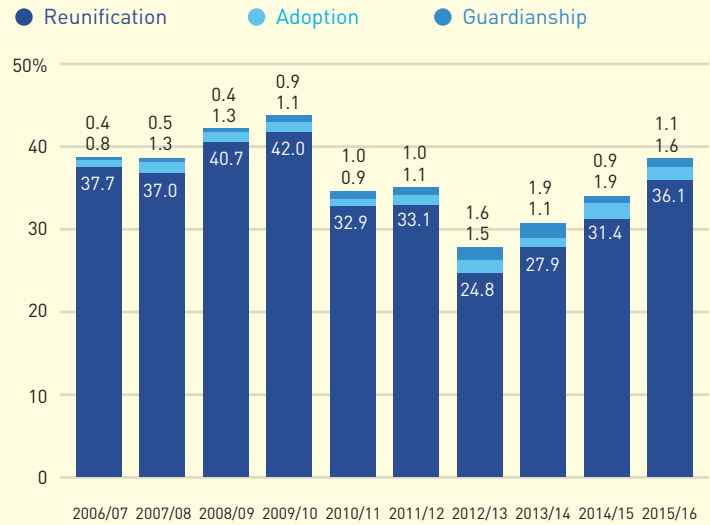
SAFE HOMES & COMMUNITIES

Percent of Children Entering Foster Care and Placed in a Permanent Home within 12 months, Orange County and California, 2006/07 to 2015/16



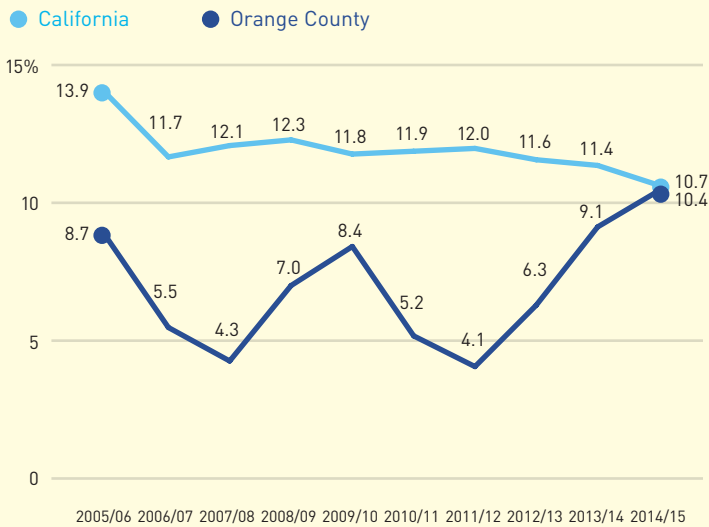
Source: CWS/CMS 2017 Quarter 4 Extract, UC Berkley Center for Social Services Research

Percent of Children Entering Foster Care and Placed in a Permanent Home within 12 months, by Type of Permanency, 2006/07 to 2015/16



Source: CWS/CMS 2017 Quarter 4 Extract, UC Berkley Center for Social Services Research

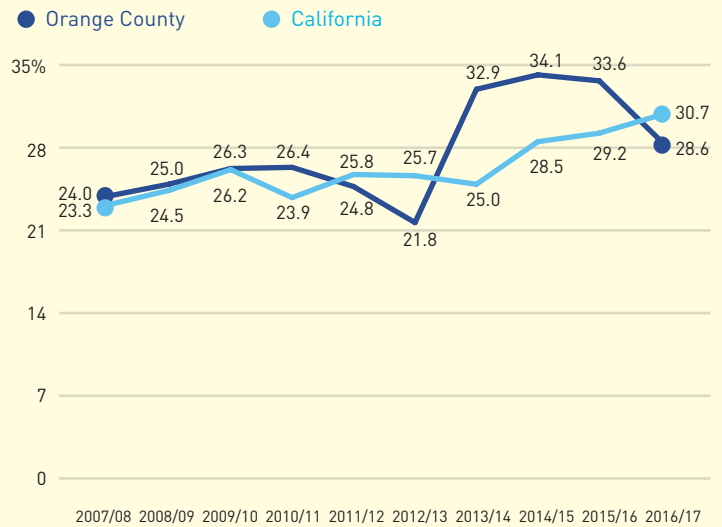
Percent of Children Reentering Foster Care within 12 months of Reunification or Guardianship, Orange County and California, 2004/05 to 2014/15



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.

Source: CWS/CMS 2017 Quarter 4 Extract, UC Berkley, Center for Social Services Research

Percent of Children in Foster Care, 24+ Months, Placed in a Permanent Home, Orange County and California, 2007/08 to 2016/17



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

Source: CWS/CMS 2017 Quarter 4 Extract, UC Berkley, Center for Social Services Research

JUVENILE ARRESTS

JUVENILE ARRESTS DROP 70% IN 10 YEARS.

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 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 more 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. Infractions include non “criminal” charges such as seatbelt violations, speeding tickets, littering citations and running a red light.

Why is this 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.¹ Prevention programs positively impact the general public because they stop crime from happening in the first place.² Various cost-benefit analyses show that early prevention programs are a worthwhile investment of government resources compared with prison and other criminal justice responses.³

Findings

- In 2016, there were 4,521 juvenile arrests in Orange County, and 62,646 in California.
- Between 2007 and 2016, there was a 69.8% decrease in the total number of juvenile arrests in Orange County, dropping from 14,988 arrests to 4,521 arrests.

- Orange County’s juvenile arrest rate in 2016 was 1,332 per 100,000 youth 10 to 17 years old, a decrease of 67.6% from 2007, compared to California at 1,500 per 100,000 youth, a decrease of 70.4% since 2007.
- In Orange County, misdemeanors accounted for 57.1% (2,581), felonies for 26.4% (1,195) and status offenses for 16.5% (745) of arrests among youth ages 17 years and under in 2016.
- In 2016, 8.2% (110) of fatal and injury collisions due to driving under the influence of alcohol involved youth under the age of 21 years; 71% of those youth were male.
- Among 18 to 20 year olds, DUI convictions have increased by 4% since 2004 with a peak of 1,226 convictions in 2009. Among youth under 18 years, there was a 12% decrease since 2004, with a peak of 84 convictions in 2008.⁴

SAFE HOMES & COMMUNITIES

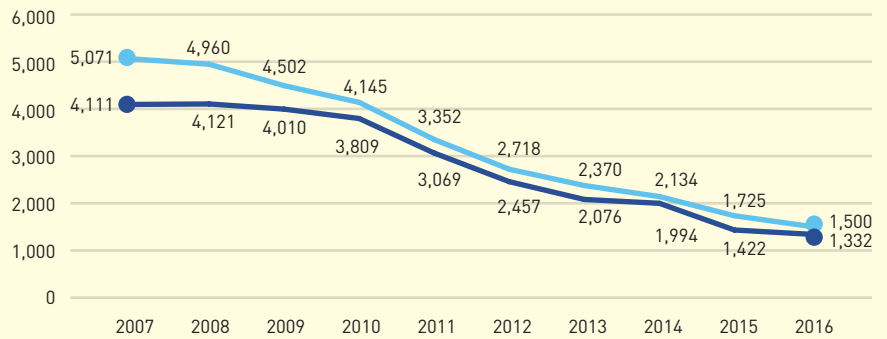
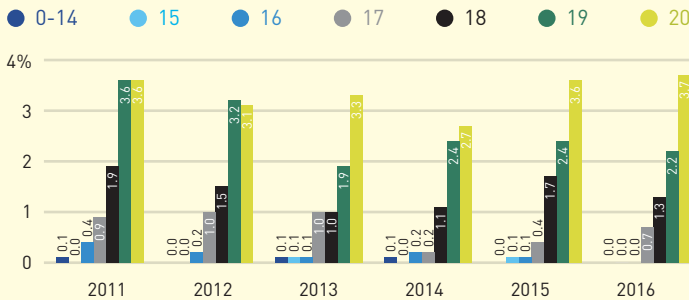
Juvenile Arrest Rate per 100,000 Youth
10 to 17 Years Old

Orange County and California, 2007 to 2016

- California
- Orange County

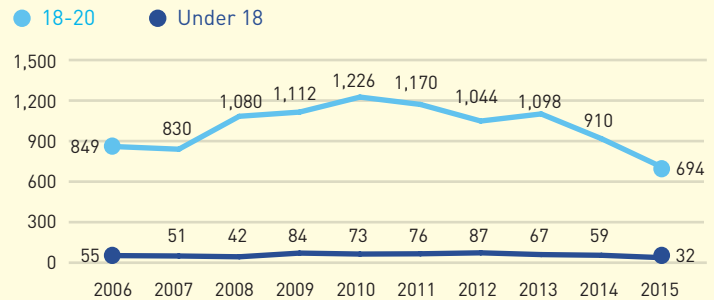
Note: 2007 to 2012 figures were based on population projections as of 2007 while 2013 and 2014 figures were based on revised projections as of December 2014. 2015 figures were based on revised projections as of February 2017.

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

Percent Youth 0-20 Years in Fatal and Injury
Collisions by "Had Been Drinking Drivers," by Age
2011 to 2016

Note: Information on crash involvement is maintained and produced by the California Highway Patrol; 2016 crash data are the most recent available.

Source: California Highway Patrol, Information Services Unit Statewide Integrated Traffic Records System, Table 5J.

DUI Convictions in Orange County, by Age
2006 to 2015

Note: The number of DUI convictions per year are based on data from two years prior. DUI conviction data for 2016 were not available at time of printing.

Source: Annual Reports of the California DUI Management Information System (2006-2016)

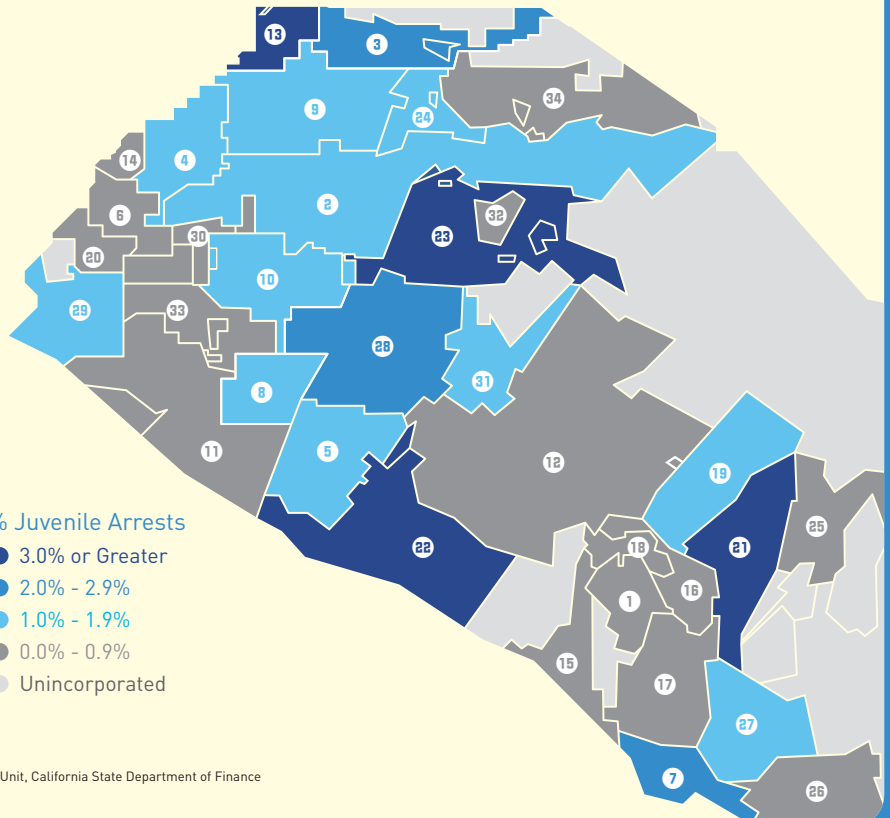
Percent of Juvenile Arrests, by City, Youth 10 to 17 Years Old
2016

1 ALISO VIEJO 0.3	14 LA PALMA 0.2	27 SAN JUAN CAPISTRANO 1.5
2 ANAHEIM 1.1	15 LAGUNA BEACH 0.8	28 SANTA ANA 2.1
3 BREA 2.1	16 LAGUNA HILLS 0.0	29 SEAL BEACH 1.0
4 BUENA PARK 1.0	17 LAGUNA NIGUEL 0.2	30 STANTON 0.3
5 COSTA MESA 1.5	18 LAGUNA WOODS 0.0	31 TUSTIN 1.1
6 CYPRESS 0.2	19 LAKE FOREST 1.8	32 VILLA PARK 0.9
7 DANA POINT 2.0	20 LOS ALAMITOS 0.1	33 WESTMINSTER 0.7
8 FOUNTAIN VALLEY 1.7	21 MISSION VIEJO 7.3	34 YORBA LINDA 0.0
9 FULLERTON 1.9	22 NEWPORT BEACH 10.5	
10 GARDEN GROVE 1.9	23 ORANGE 3.0	
11 HUNTINGTON BEACH 0.7	24 PLACENTIA 1.0	
12 IRVINE 0.6	25 RANCHO SANTA MARGARITA 0.3	
13 LA HABRA 4.8	26 SAN CLEMENTE 0.8	

ORANGE COUNTY:
1.4%
CALIFORNIA:
N/A

% Juvenile Arrests

- 3.0% or Greater
- 2.0% - 2.9%
- 1.0% - 1.9%
- 0.0% - 0.9%
- Unincorporated



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

JUVENILE SUSTAINED PETITIONS

JUVENILE SUSTAINED PETITION RATES DECLINE;
HISPANIC YOUTH COMPRISE NEARLY 80% OF ALL PETITIONS.

DESCRIPTION OF INDICATOR

This indicator reports 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.

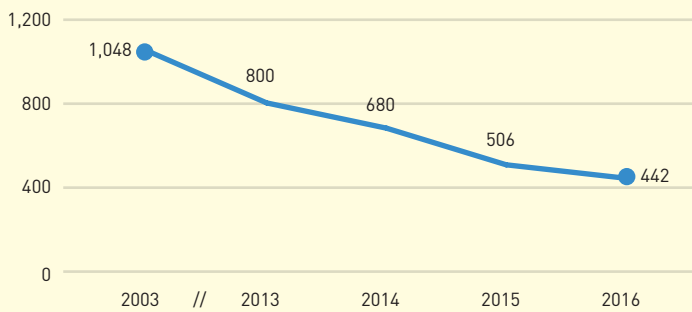
Why is this important?

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.

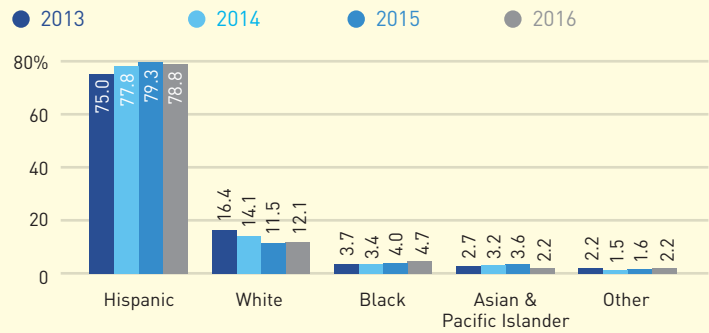
Findings

- In 2016, there were 2,412 total juvenile petitions. Of these, 1,501 were sustained petitions (62%), a 43.5% decrease from 2013 (2,657).
- The rate of sustained petitions was 442 per 100,000 youth ages 10 to 17 years old in 2016, a 44.8% decrease from 2013 (800 per 100,000 youth), and a 57.8% decrease from 2003 (1,048 per 100,000 youth).
- Sustained petitions were highest among youth 15 to 17 years old who comprised 88.9% of total sustained petitions, followed by youth 12 to 14 years old (11.0%) and youth 11 years and younger (0.1%).
- When assessed by race and ethnicity, Hispanic youth (78.8%) had the most sustained petitions, followed by White (12.1%), Black (4.7%), Asian (2.2%), and Other (2.2%) youth in 2016.
- Across genders, the vast majority of sustained petitions were on juvenile males (85.3%), with juvenile females accounting for 14.7% of sustained petitions in 2016.

SAFE HOMES & COMMUNITIES

Juvenile Sustained Petitions, Rate per 100,000 Youth
10 to 17 Years Old, Orange County, 2003, 2013 to 2016

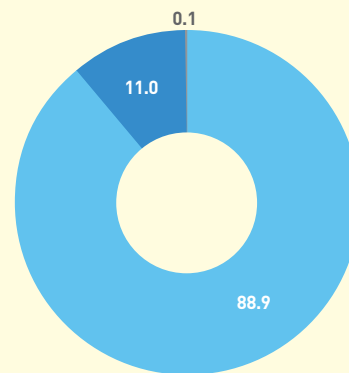
Source: Orange County Probation, Research Division

Percent of Total Juvenile Sustained Petitions,
Youth 10 to 17 Years Old, by Race/Ethnicity, 2013 to 2016

Source: Orange County Probation, Research Division

Percent of Juvenile Arrests with a Sustained Petition,
Youth 10 to 17 Years Old, by Age, 2016

- 10-11 Years of Age
- 12-14 Years of Age
- 15-17 Years of Age



Source: Orange County Probation, Research Division

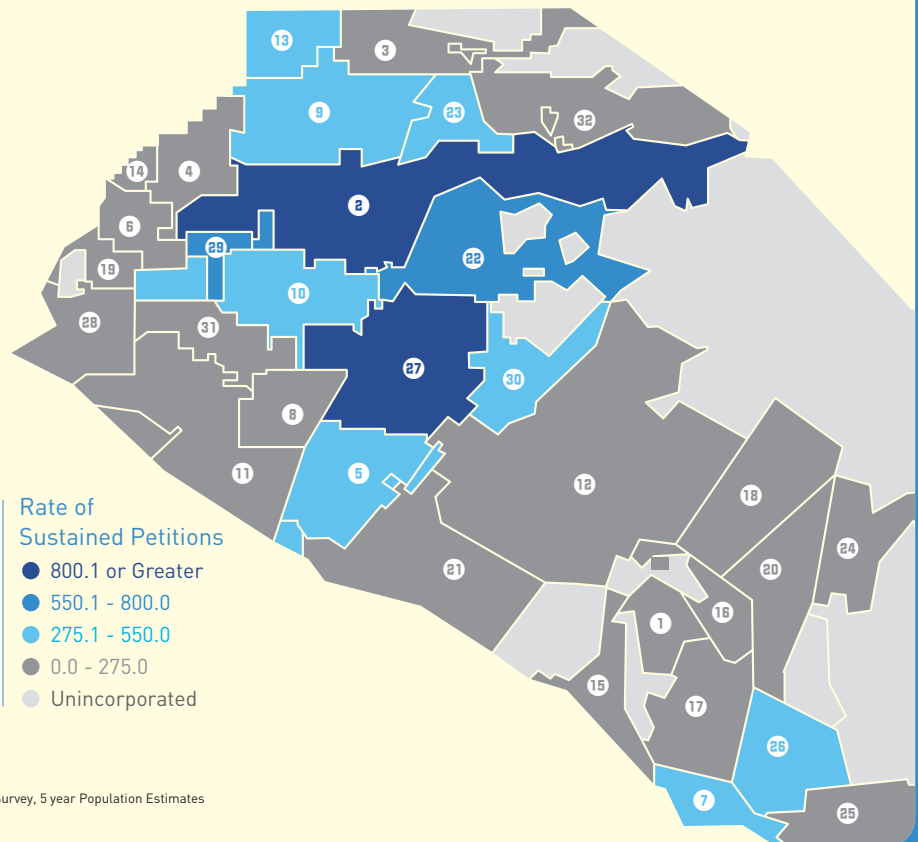
Juvenile Sustained Petitions, Rate per 100,000,
Youth 10 to 17 years old, by City, 2016

1 ALISO VIEJO 173.9	13 LA HABRA 538.6	25 SAN CLEMENTE 86.6
2 ANAHEIM 837.0	14 LA PALMA 121.1	26 SAN JUAN CAPISTRANO 409.7
3 BREA 173.4	15 LAGUNA BEACH 265.4	27 SANTA ANA 929.9
4 BUENA PARK 264.8	16 LAGUNA HILLS 253.5	28 SEAL BEACH 0.0
5 COSTA MESA 512.3	17 LAGUNA NIGUEL 268.3	29 STANTON 673.3
6 CYPRESS 117.0	18 LAKE FOREST 273.7	30 TUSTIN 368.9
7 DANA POINT 329.6	19 LOS ALAMITOS 0.0	31 WESTMINSTER 226.5
8 FOUNTAIN VALLEY 90.6	20 MISSION VIEJO 216.2	32 YORBA LINDA 153.2
9 FULLERTON 411.1	21 NEWPORT BEACH 37.0	
10 GARDEN GROVE 497.5	22 ORANGE 780.6	
11 HUNTINGTON BEACH 126.5	23 PLACENTIA 377.3	
12 IRVINE 120.8	24 RANCHO SANTA MARGARITA 28.6	

ORANGE COUNTY:
438.1
CALIFORNIA:
N/A

Rate of
Sustained Petitions

- 800.1 or Greater
- 550.1 - 800.0
- 275.1 - 550.0
- 0.0 - 275.0
- Unincorporated



Source: Orange County Probation, Research Division. B01001, 2012-2016 American Community Survey, 5 year Population Estimates

GANG ACTIVITY AMONG YOUTH

GANG-RELATED PROSECUTIONS DECLINE SIGNIFICANTLY OVER THE PAST DECADE.

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 and/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 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, in 2016/17, 89% of students have decreased truancy and about 60% of students receiving its curricula reported increased well-being and resiliency.

Findings⁵

- In 2017, 4% of juvenile prosecutions were gang-related, down from 15% in 2008.
- Between 2008 and 2017, the total number of juvenile gang-related prosecutions in Orange County decreased 84%, from 859 in 2008 to 136 in 2017.
- Also, the number of unique juveniles prosecuted for gang-related offenses in Orange County dropped 82% from 625 in 2008 to 110 in 2017.
- The rate of juvenile gang-related prosecutions declined 81% from 144.4 per 100,000 youth aged 10 to 17 in 2008 to 26.9 per 100,000 in 2017.
- Older teens accounted for the majority of gang-related activity, with teens ages 15-17 comprising 84% of the total number of juveniles in 2017 who were prosecuted for gang-related offenses.
- In 2017, Hispanic youth represented the highest percentage of juvenile gang-related prosecutions (91.8%), followed by Asian (3.6%), Black (2.7%), White (<1%) and Other (<1%) youth.
- The communities most impacted by juvenile gang-related crime in 2017 were Anaheim and Santa Ana, as 69% of the juvenile gang-related filings originated in these cities.

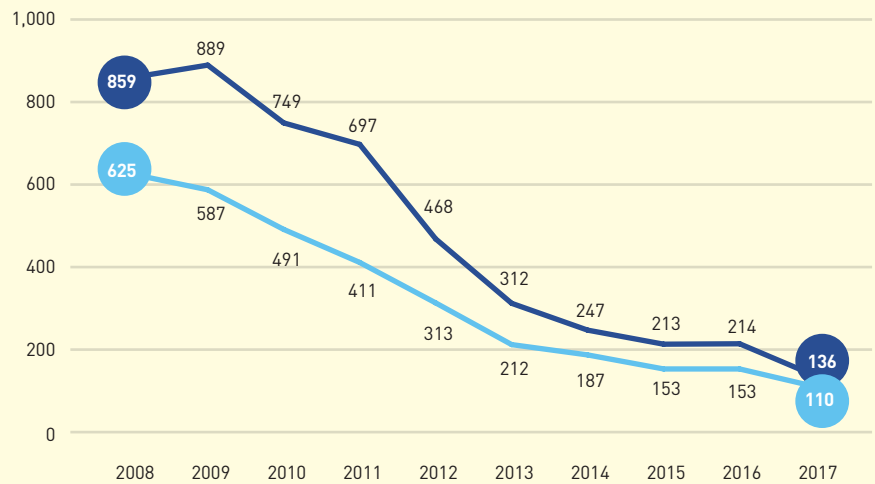
¹ Prior Conditions of Children reports tracked the number of gang members countywide, using data from local law enforcement agencies. This data is not available for 2017. Therefore, youth gang activity is reported using data from the Orange County District Attorney's Office. ² Gang-related prosecutions are defined as those prosecutions that involve charges of Penal Code sec. 186.22(a) and/or (b). 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, 2008 to 2017

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

Source: Orange County District Attorney's Office



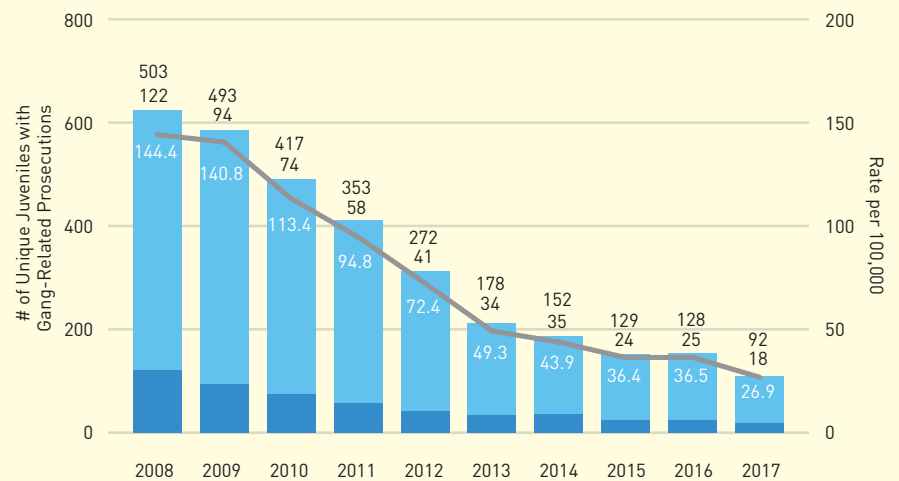
Number of Unique Juveniles with Gang-Related Prosecutions and Rate Per 100,000 Youth 10 to 17 Years Old with Gang-Related Prosecutions, by Age, 2008 to 2017

- 15 to 17 years old
- 10 to 14 years old
- Rate per 100,000 10-17 years old

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 2017.

Source: Orange County District Attorney's Office

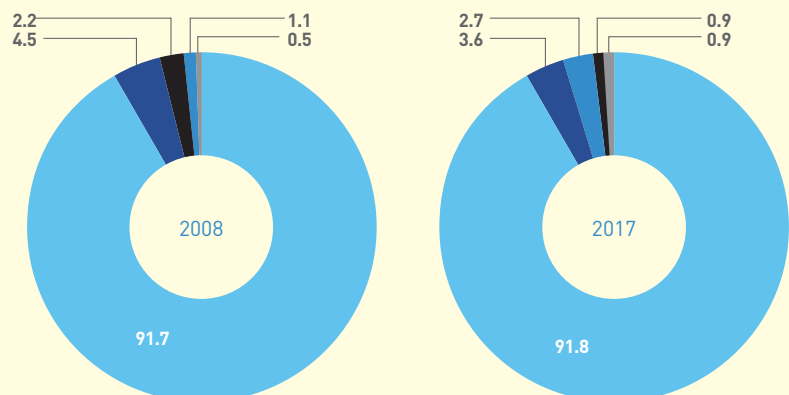
Source: U.S. Census American Community Survey 1-Year Estimates, Table B01001



Percent of Unique Juveniles with Gang-Related Prosecutions, by Race/Ethnicity, 10 to 17 Years Old 2008 and 2017

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

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, 2010 to 2016

	2010		2011		2012		2013		2014		2015		2016	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Hispanic	51,600	15.0	40,124	11.5	35,600	10.2	14,677	4.3	35,571	10.3	23,148	6.8	10,602	3.2
Asian	7,831	6.7	7,300	6.3	8,005	6.8	3,522	3.0	8,098	7.1	4,122	3.7	2,747	2.2
White	10,951	4.7	11,437	5.0	5,519	2.5	5,512	2.6	10,240	4.7	6,483	3.0	3,962	1.9
Other	1,114	2.6	1,584	1.8	1,760	4.0	736	1.5	1,429	3.0	2,341	4.5	815	1.8
Total	71,496		60,445		50,884		24,447		55,338		36,094		18,126	

Source: ACS (1 YR estimates, 2012 - 2016)

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

Enrollment by Program, January 2008 to January 2018

	Medi-Cal Under 18	Healthy Families	California Kids	Kaiser Permanente	Healthy Kids	Total
2008	179,746	78,407	4,094	6,893	881	270,021
2009	188,175	84,285	3,628	7,659	987	284,734
2010	205,834	82,831	2,752	8,252*	1,046	300,715
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

*Number shown is for previous month (data not available for January).

**Data not available.

a. Data from March 2013

b. Data from September 2014

c. Data from May 2016

d. Data from January 2017

e. Data from January 2017. Note: Membership for KP Child Health Program (CHP) as of May 2017 is 1,747. Note that project KP CHP membership will continue to decline monthly as the vast majority of our 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).

f. Data from January 2018.

g. Data from January 2018.

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 the United States, by Year, 2007 to 2016

PRENATAL CARE	2007		2008		2009		2010		2011	
	No.	%	No.	%	No.	%	No.	%	No.	%
Orange County	38,727	88.0	37,267	87.8	35,650	88.2	34,018	89.0	33,780	88.7
California*	459,188	81.1	445,108	80.7	428,449	81.3	416,759	81.7	410,213	81.7
United States**	1,539,201	70.8	1,824,340	71.0***	1,862,867	72.1	2,123,146	73.1	2,317,653	73.7
PRENATAL CARE	2012		2013		2014		2015		2016	
	No.	%	No.	%	No.	%	No.	%	No.	%
Orange County	33,814	88.6	32,885	88.3	33,245	86.1	32,038	85.2	32,188	84.4
California*	412,679	81.9	406,035	82.1	418,279	83.2	409,489	84.6	N/A	N/A
United States**	2,444,021	74.1	2,520,779	74.2	2,824,607	76.7	2,854,065	77.0	3,042,271	77.1

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, 2007 to 2016

TRIMESTER	Total	%	White	%	Black	%	Hispanic	%	Asian	%	Other*	%
2007												
First	38,727	88.0	11,615	92.1	389	85.3	19,431	85.1	6,614	90.7	678	83.4
Second	4,269	9.7	765	6.1	48	10.5	2,793	12.2	567	7.8	96	11.8
Third	684	1.6	116	0.9	14	3.1	439	1.9	84	1.2	31	3.8
No Care	94	0.2	26	0.2	3	0.7	55	0.2	5	0.1	6	0.7
Unknown Care	252	0.6	96	0.8	2	0.4	127	0.6	24	0.3	2	0.2
TOTAL	44,026	100.0	12,618	100.0	456	100.0	22,845	100.0	7,294	100.0	813	100.0
2008												
First	37,267	87.8	11,225	91.8	375	81.7	18,735	85.1	6,299	90.2	633	81.6
Second	4,195	9.9	773	6.3	59	12.9	2,702	12.3	551	7.9	110	14.2
Third	649	1.5	126	1.0	13	2.8	398	1.8	88	1.3	24	3.1
No Care	94	0.2	30	0.2	3	0.7	49	0.2	7	0.1	5	0.6
Unknown Care	251	0.6	77	0.6	9	2.0	119	0.5	42	0.6	4	0.5
TOTAL	42,456	100.0	12,231	100.0	459	100.0	22,003	100.0	6,987	100.0	776	100.0
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

Supplemental Tables: Good Health

Total Number and Percent of Women who Received Early Prenatal Care, by Race/Ethnicity, 2006 to 2016 (Continued)

TRIMESTER	Total	%	White	%	Black	%	Hispanic	%	Asian	%	Other*	%
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
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	11,836	100	478	100	16,466	100	9,033	100	797	100
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	12,194	100	479	100	15,559	100	9,693	100	196	100

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, 2007 to 2016

City	2007		2008		2009		2010		2011	
	Total	%	Total	%	Total	%	Total	%	Total	%
Aliso Viejo	739	1.7	771	1.8	765	1.9	715	1.9	731	1.9
Anaheim	6,294	14.3	6,230	14.7	5,912	14.6	5,493	14.4	5,478	14.4
Brea	483	1.1	441	1.0	388	1.0	451	1.2	436	1.1
Buena Park	1,220	2.8	1,145	2.7	1,041	2.6	1,048	2.7	1,046	2.7
Costa Mesa	1,695	3.8	1,644	3.9	1,614	4.0	1,557	4.1	1,563	4.1
Coto De Caza	59	0.1	67	0.2	44	0.1	42	0.1	42	0.1
Cypress	445	1.0	449	1.1	404	1.0	429	1.1	416	1.1
Dana Point/Capistrano Beach	320	0.7	324	0.8	367	0.9	321	0.8	328	0.9
Foothill Ranch/EI Toro	156	0.4	159	0.4	140	0.3	136	0.4	122	0.3
Fountain Valley	533	1.2	485	1.1	526	1.3	431	1.1	466	1.2
Fullerton	1,884	4.3	1,823	4.3	1,678	4.2	1,517	4.0	1,591	4.2
Garden Grove	2,891	6.6	2,623	6.2	2,461	6.1	2,340	6.1	2,189	5.7
Huntington Beach	2,040	4.6	1,990	4.7	1,962	4.9	1,954	5.1	1,965	5.2
Irvine	2,301	5.2	2,486	5.9	2,389	5.9	2,490	6.5	2,577	6.8
La Habra	1,001	2.3	962	2.3	927	2.3	867	2.3	839	2.2
La Palma	164	0.4	137	0.3	126	0.3	131	0.3	108	0.3
Ladera Ranch	572	1.3	569	1.3	480	1.2	473	1.2	411	1.1
Laguna Beach	155	0.4	162	0.4	169	0.4	164	0.4	137	0.4
Laguna Hills	366	0.8	386	0.9	329	0.8	298	0.8	323	0.8
Laguna Niguel	641	1.5	612	1.4	641	1.6	589	1.5	606	1.6
Laguna Woods	4	0.0	4	0.0	4	0.0	5	0.0	6	0.0
Lake Forest	791	1.8	798	1.9	747	1.8	674	1.8	722	1.9
Los Alamitos	172	0.4	137	0.3	165	0.4	152	0.4	160	0.4
Midway City	119	0.3	127	0.3	133	0.3	98	0.3	102	0.3
Mission Viejo	988	2.2	902	2.1	877	2.2	859	2.2	848	2.2
Newport Beach	499	1.1	450	1.1	424	1.0	469	1.2	449	1.2
Newport Coast	117	0.3	93	0.2	114	0.3	82	0.2	110	0.3
Orange	2,124	4.8	2,055	4.8	1,960	4.8	1,895	5.0	1,925	5.1
Placentia	731	1.7	699	1.6	673	1.7	635	1.7	614	1.6
Portola Hills	24	0.1	24	0.1	0	0.0	0	0.0	10	0.0
Rancho Santa Margarita	656	1.5	595	1.4	600	1.5	573	1.5	522	1.4
San Clemente	933	2.1	930	2.2	1,003	2.5	993	2.6	886	2.3
San Juan Capistrano	552	1.3	497	1.2	447	1.1	454	1.2	389	1.0
Santa Ana	7,711	17.5	7,424	17.5	6,787	16.8	6,235	16.3	6,041	15.9
Seal Beach	106	0.2	155	0.4	134	0.3	124	0.3	153	0.4
Stanton	568	1.3	562	1.3	486	1.2	480	1.3	448	1.2
Trabuco Canyon	159	0.4	172	0.4	173	0.4	184	0.5	132	0.3
Tustin	1,364	3.1	1,212	2.9	1,295	3.2	1,198	3.1	1,278	3.4
Villa Park	22	0.0	27	0.1	26	0.1	28	0.1	44	0.1
Westminster	1,354	3.1	1,146	2.7	1,131	2.8	959	2.5	975	2.6
Yorba Linda	636	1.4	597	1.4	644	1.6	559	1.5	608	1.6
Balance of County	437	1.0	385	0.9	245	0.6	135	0.4	304	0.8
Total	44,026		42,456		40,431		38,237		38,100	

Supplemental Tables: Good Health

Total Number and Percent of Births by City and Community, 2007 to 2016 (Continued)

City	2012		2013		2014		2015		2016	
	Total	%	Total	%	Total	%	Total	%	Total	%
Aliso Viejo	719	1.9	660	1.8	673	1.7	662	1.8	660	1.7
Anaheim	5,392	14.1	5,201	14.0	5,176	13.4	5,000	13.3	4,879	12.8
Brea	436	1.1	442	1.2	508	1.3	512	1.4	523	1.4
Buena Park	1,053	2.8	1,011	2.7	1,049	2.7	965	2.6	911	2.4
Costa Mesa	1,499	3.9	1,549	4.2	1,656	4.3	1,541	4.1	1,498	3.9
Coto De Caza	45	0.1	53	0.1	43	0.1	51	0.1	42	0.1
Cypress	400	1.0	393	1.1	386	1.0	404	1.1	382	1.0
Dana Point/Capistrano Beach	292	0.8	322	0.9	327	0.8	330	0.9	290	0.8
Foothill Ranch/El Toro	120	0.3	130	0.3	116	0.3	145	0.4	156	0.4
Fountain Valley	460	1.2	475	1.3	504	1.3	467	1.2	507	1.3
Fullerton	1,576	4.1	1,526	4.1	1,770	4.6	1,613	4.3	1,591	4.2
Garden Grove	2,380	6.2	2,241	6.0	2,113	5.5	2,096	5.6	1,928	5.1
Huntington Beach	1,869	4.9	1,893	5.1	2,003	5.2	1,858	4.9	1,841	4.8
Irvine	2,715	7.1	3,007	8.1	4,008	10.4	3,978	10.6	4,983	13.1
La Habra	860	2.3	880	2.4	860	2.2	807	2.1	837	2.2
La Palma	116	0.3	128	0.3	138	0.4	125	0.3	121	0.3
Ladera Ranch	418	1.1	370	1.0	356	0.9	328	0.9	332	0.9
Laguna Beach	179	0.5	157	0.4	157	0.4	176	0.5	140	0.4
Laguna Hills	306	0.8	325	0.9	297	0.8	317	0.8	314	0.8
Laguna Niguel	547	1.4	571	1.5	539	1.4	558	1.5	556	1.5
Laguna Woods	5	0.0	4	0.0	6	0.0	2	0.0	3	0.0
Lake Forest	766	2.0	667	1.8	685	1.8	738	2.0	821	2.2
Los Alamitos	169	0.4	187	0.5	165	0.4	165	0.4	181	0.5
Midway City	108	0.3	97	0.3	96	0.2	94	0.2	91	0.2
Mission Viejo	863	2.3	835	2.2	882	2.3	840	2.2	894	2.3
Newport Beach	471	1.2	479	1.3	620	1.6	531	1.4	606	1.6
Newport Coast	99	0.3	85	0.2	87	0.2	88	0.2	94	0.2
Orange	1,867	4.9	1,791	4.8	1,874	4.9	1,849	4.9	1,764	4.6
Placentia	663	1.7	581	1.6	652	1.7	533	1.4	574	1.5
Portola Hills	0	0.0	13	0.0	14	0.0	5	0.0	3	0.0
Rancho Santa Margarita	529	1.4	518	1.4	552	1.4	530	1.4	523	1.4
San Clemente	930	2.4	883	2.4	842	2.2	766	2.0	802	2.1
San Juan Capistrano	399	1.0	395	1.1	393	1.0	385	1.0	403	1.1
Santa Ana	5,958	15.6	5,607	15.0	5,294	13.7	5,181	13.8	4,987	13.1
Seal Beach	138	0.4	146	0.4	151	0.4	158	0.4	153	0.4
Stanton	450	1.2	439	1.2	388	1.0	398	1.1	369	1.0
Trabuco Canyon	185	0.5	161	0.4	154	0.4	168	0.4	170	0.4
Tustin	1,264	3.3	1,141	3.1	1,145	3.0	1,143	3.0	1,229	3.2
Villa Park	30	0.1	31	0.1	34	0.1	38	0.1	31	0.1
Westminster	1,002	2.6	959	2.6	1,011	2.6	967	2.6	998	2.6
Yorba Linda	611	1.6	597	1.6	685	1.8	662	1.8	718	1.9
Balance of County	297	0.8	306	0.8	201	0.5	447	1.2	216	0.6
Total	38,186		37,256		38,610		37,621		38,121	

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Number and Percent of Infants, by Birth Weight and Race and Ethnicity, 2007 to 2016

TRIMESTER	Total	%	White	Black	Hispanic	Asian	Other^
2007							
Under 1,500 Grams	494	1.1	157	12	253	61	11
1,500-2,499 Grams	2,385	5.4	648	40	1,208	443	46
2,500 Grams & over	41,147	93.5	11,813	404	21,384	6,790	756
TOTAL	44,026	100.0	12,618	456	22,845	7,294	813
% Low Birth Weight*	6.5%		6.4%	11.4%	6.4%	6.9%	7.0%
2008							
Under 1,500 Grams	417	1.0	107	11	231	58	10
1,500-2,499 Grams	2,288	5.4	652	39	1,115	454	28
2,500 Grams & over	39,751	93.6	11,472	409	20,657	6,475	738
TOTAL	42,456	100.0	12,231	459	22,003	6,987	776
% Low Birth Weight*	6.4%		6.2%	10.9%	6.1%	7.4%	4.9%
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%

*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 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, 2016

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 %	
2016															
<2,500 grams	1	0.04	85	3.5	276	11.5	486	20.3	778	32.5	566	23.6	205	8.6	2,397
2,500+ grams	8	0.02	1,126	3.2	4,407	12.3	8,859	24.8	12,105	33.9	7,353	20.6	1,866	5.2	35,724
Total	9		1,211		4,683		9,345		12,883		7,919		2,071		38,121
2015															
<2,500 grams	1	0.04	84	3.6	305	12.9	512	21.7	755	32.0	511	21.6	192	8.1	2,360
2,500+ grams	16	0.05	1,275	3.6	4,764	13.5	8,634	24.5	11,978	34.0	6,807	19.3	1,787	5.1	35,261
Total	17		1,359		5,069		9,146		12,733		7,318		1,979		37,621

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 %	
2016															
<1,500 grams	0	0.00	12	3.1	48	12.2	80	20.4	119	30.4	101	25.8	32	8.2	392
1,500- 2,499 grams	1	0.05	73	3.6	228	11.4	406	20.2	659	32.9	465	23.2	173	8.6	2,005
2,500+ grams	8	0.02	1,126	3.2	4,407	12.3	8,859	24.8	12,105	33.9	7,353	20.6	1,866	5.2	35,724
Total	9		1,211		4,683		9,345		12,883		7,919		2,071		38,121
2015															
<1,500 grams	0	0.00	15	4.2	33	9.2	81	22.6	121	33.8	73	20.4	35	9.8	358
1,500- 2,499 grams	1	0.05	69	3.4	272	13.6	431	21.5	634	31.7	438	21.9	157	7.8	2,002
2,500+ grams	16	0.05	1,275	3.6	4,764	13.5	8,634	24.5	11,978	34.0	6,807	19.3	1,787	5.1	35,261
Total	17		1,359		5,069		9,146		12,733		7,318		1,979		37,621

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, 2007 to 2016

Race/Ethnicity	2007		2008		2009		2010		2011	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	2	0.3*	5	0.7	10	1.5	3	0.5	6	0.9
Black	0	0.0	1	2.2*	0	0.0	0	0.0	2	4.4*
Hispanic	17	0.7	38	1.7	29	1.4	20	1.1	26	1.4
Non-Hispanic White	8	0.6	9	0.7	11	0.9	7	0.6	9	0.8
Other/Unknown	1	1.2*	0	0.0	0	0.0	1	0.8	2	1.6*
TOTAL	28	0.6	53	1.2	50	1.2	31	0.8	45	1.2

Race/Ethnicity	2012		2013		2014		2015		2016	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	4	0.5*	4	0.5*	9	1.0	9	1.0	9	0.9
Black	0	0.0	0	0.0	0	0.0	1	2.1*	0	0.0
Hispanic	28	1.6	20	1.2	35	2.1	26	1.6	20	1.3
Non-Hispanic White	13	1.2	11	1.0	19	1.6	7	0.6	13	1.1
Other/Unknown	1	1.3*	2	2.5*	1	1.3*	1	1.3*	0	0.0
TOTAL	46	1.2	37	1.0	64	1.7	44	1.2	42	1.1

Important note to readers: Beginning in 2006, the Medical Worksheet information associated with the birth certificate was modified to capture fewer abnormal conditions within each category. To be consistent with the new classification, data prior to 2006 has been reanalyzed, and will significantly differ from the data presented in previous editions in terms of the total number of abnormal conditions in each category.

* 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, 2007-2016

Abnormal Conditions in Newborn	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Anencephaly	2	7	2	1	0	2	2	1	0	0
Meningomyelocele/Spina Bifida	1	2	3	2	2	1	3	0	1	1
Omphalocele/Gastroschisis	5	6	5	2	9	8	7	11	7	2
Cleft Lip/Palate	13	24	22	13	17	19	17	30	17	21
Down's Syndrome	5*	13*	16*	12*	16*	15*	7*	20*	7	5*
Hypospadias	2	1	3	1	1	1	1	2	2	3
Total	28	53	50	31	45	46	37	64	44	32

Important note to readers: Beginning in 2006, the Medical Worksheet information associated with the birth certificate was modified to capture fewer abnormal conditions within each category. To be consistent with the new classification, data prior to 2006 has been reanalyzed, and will significantly differ from the data presented in previous editions in terms of the total number of abnormal conditions in each category.

*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, 2007 to 2016

Age of Mother	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<15 Years	21.6	21.3	12.1	19.4	25.8	16.7	27.8	18.2	5.9	11.1
15-19 Years	10.3	10.5	9.8	9.8	9.9	9.2	8.6	7.3	7.5	8.0
20-24 Years	8.8	8.1	8.2	8.2	7.7	7.9	6.9	6.4	7.2	7.1
25-29 Years	8.6	8.7	8.2	7.5	7.7	7.1	6.8	6.3	6.5	6.8
30-34 Years	9.7	9.1	9.2	8.9	8.4	7.8	7.4	7.1	7.5	7.6
35-39 Years	11.2	11.1	11.2	10.8	11.2	10.3	8.7	8.9	8.1	9.3
40+ Years	14.3	13.9	15.0	14.7	14.5	12.6	13.0	11.8	12.1	12.3

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.
Source: Orange County Health Care Agency

Percent Preterm (17-36 Completed Weeks of Gestation), 2007 to 2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
All Births Calculated by LMP	9.8	9.5	9.4	9.1	9.0	8.4	7.8	7.2	7.4	7.8
All Births Estimated by OE	8.8	8.4	8.6	8.1	8.3	7.9	7.7	7.4	7.5	8.0
Singleton Births Calculated by LMP	8.2	7.9	7.6	7.5	7.2	6.8	6.3	5.7	6.0	6.2
Singleton Births Estimated by OE	7.1	6.7	6.7	6.4	6.4	6.2	6.2	5.8	6.1	6.5

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 2007-2016. 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, 2007 to 2016

Race/Ethnicity	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
White	9.7	9.0	9.6	9.4	8.9	7.7	7.5	6.0	7.3	7.9
Black	16.3	13.5	11.7	14.7	13.4	11.8	10.1	10.9	10.8	12.8
Hispanic	9.7	9.7	9.2	9.0	8.9	8.6	8.1	6.1	8.0	8.8
Asian	9.4	9.0	9.4	8.5	8.9	8.3	7.1	6.7	7.0	7.3

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, 2007 to 2016

	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
2007	9.8%	10.9%	10.4%	7.4%	N/A	7.5%	1.0%	N/A	1.2%	1.4%	1.6%	2.0%
2008	9.5%	10.5%	10.4%	7.2%	N/A	7.5%	1.2%	N/A	1.2%	1.2%	1.5%	2.0%
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

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, 2007 to 2016

	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
2007	7.4%	6.5%	6.4%	5.5%	1.4%	1.3%	1.0%	0.9%
2008	7.2%	6.3%	6.2%	5.3%	1.2%	1.1%	0.9%	0.8%
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%

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 2007-2016. 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 and Ethnicity, 2016

INFANT TYPE	Total	%	White	%	Black	%	Hispanic	%	Asian	%	Other*	%
Early Term	9,560	27.3	2,627	23.3	114	27.4	4,146	29.2	2,621	29.2	52	29.1
Full Term	23,253	66.4	7,520	66.7	258	62.0	9,371	66.1	5,995	66.8	109	60.9
Late Term	2,134	6.1	1,083	9.6	41	9.9	647	4.6	346	3.9	17	9.5
Post Term	84	0.2	51	0.5	3	0.7	18	0.1	11	0.1	1	0.6
TOTAL	35,031		11,281		416		14,182		8,973		179	

**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, 2016

MOTHER'S AGE	Total	% Total	Early Term	%	Full Term	%	Late Term	%	Post Term	%
<15 Years	8	0.0	1	0.0	7	0.0	0	0.0	0	0
15-19 Years	1,112	3.2	323	3.4	727	3.1	60	2.8	2	2.4
20-24 Years	4,347	12.4	1,194	12.5	2,889	12.4	260	12.2	4	4.8
25-29 Years	8,694	24.8	2,274	23.8	5,840	25.1	555	26.0	25	29.8
30-34 Years	11,890	33.9	3,166	33.1	7,878	33.9	812	38.1	34	40.5
35-39 Years	7,170	20.5	2,015	21.1	4,766	20.5	375	17.6	14	16.7
40+ Years	1,810	5.2	587	6.1	1,146	4.9	72	3.4	5	6.0
TOTAL	35,031		9,560		23,253		2,134		84	

Source: Orange County Health Care Agency

Supplemental Tables: Good Health

Total Number and Percent of Term Infant Births by Birth Type, 2016

INFANT TYPE	Total	%	Singleton	%	Multiple	%
Early Term	9,560	27.3	9,008	26.2	552	92.6
Full Term	23,253	66.4	23,213	67.4	40	6.7
Late Term	2,134	6.1	2,130	6.2	4	0.7
Post Term	84	0.2	84	0.2	0	0.0
TOTAL	35,031		34,435		596	

Source: County of Orange Health Care Agency

Total Number and Percent of Term Infant Births by Delivery Type, 2016

INFANT TYPE	Total	%	Cesarean	%	Vaginal	%
Early Term	9,560	27.3	2,988	26.7	6,572	27.6
Full Term	23,253	66.4	7,583	67.7	15,670	65.7
Late Term	2,134	6.1	593	5.3	15,41	6.5
Post Term	84	0.2	33	0.3	51	0.2
TOTAL	35,031		11,197		23,834	

Source: County of Orange 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 Orange County Social Services Agency (SSA), resulting in juvenile court intervention. Any indication of maternal substance abuse 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 Orange County 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. See Maternal Substance Abuse Assessment Protocol on the Conditions of Children Report website at www.ochealthinfo.com/occp/report

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, 2007/08 to 2016/17

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Substance Exposed Infants	107	81	89	128	82	98	110	121	178	190

Source: Orange County 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, 2007 to 2016

CAUSES OF INFANT DEATH	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Short Gestation/ Low Birth Weight	8.6%	6.9^	3.0%	5.4%	6.3%	9.2%	8.9%	3.5%	7.0%	8.1%
Congenital Anomalies (Birth Defects)	29.4%	31.7%	33.9%	27.9%	31.3%	38.5%	21.1%	33.9%	16.0%	28.1%
Sudden Infant Death Syndrome (SIDS)	1.6%	2%	0.0%	1.4%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%
Respiratory Distress Syndrome (RDS)	2.1%	3.0%	1.8%	3.4%	0.6%	3.1%	2.4%	3.5%	1.0%	1.0%
Maternal Causes*	11.8%	16.8%	18.2%	12.9%	13.8%	13.8%	16.3%	20.9%	28.0%	18.1%
Accidents and Adverse Effects	0.5%	1.5%	2.4%	1.4%	1.9%	0.0%	2.4%	0.9%	5.0%	2.5%
Other conditions of Perinatal Period	24.6%	10.9%	17.6%	36.7%	30.6%	19.2%	33.3%	11.3%	23.0%	23.8%
Pneumonia and Influenza	1.1%	1.0%	0.6%	0.0%	0.6%	0.8%	0.0%	1.7%	1.0%	1.0%
All Other Causes	20.3%	26.2%	22.4%	10.9%	14.9%	13.8%	15.6%	24.3%	19.0%	17.4%

*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 and Ethnicity, 2007 to 2016

Race/Ethnicity	2007		2008		2009		2010		2011	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	21	2.9	18	2.3	20	2.9	13	2.0	16	2.5
Black	6	13.2	4	8.7**	3	6.8**	2	4.8**	3	6.6**
Hispanic	90	3.9	128	5.8	89	4.4	86	4.5	82	4.5
Non-Hispanic White	56	4.4	49	4.1	50	4.1	39	3.3	48	4.2

Race/Ethnicity	2012		2013		2014		2015		2016	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Asian	20	2.7	16	2.2	15	1.7	10	1.8	18	2.7
Black	3	6.7**	2	4.5**	4	8.4**	5	10.6	9	15.9
Hispanic	68	3.8	72	4.2	64	3.9	55	5.0	88	5
Non-Hispanic White	34	3.0	26	2.2	29	2.5	24	1.8	36	3.4

**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 and Ethnicity, 2008-2016

Race/Ethnicity	2008-2010	2011-2013	2014-2016
Asian	2.4	2.5	2.0
Black*	6.8	5.9	11.8
Hispanic	4.9	4.2	4.6
Non-Hispanic White	3.8	3.1	2.5

*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, 2012-2017

	Any Breastfeeding						Exclusive Breastfeeding					
	2012	2013	2014	2015	2016	2017	2012	2013	2014	2015	2016	2017
Orange County	93.2	94.0	94.8	95.1	95.0	94.8	62.1	62.7	64.6	67.1	66.1	65.8
California	92.3	93.0	93.5	93.9	94.0	94.0	62.6	64.8	66.6	68.6	69.4	69.8

Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2017

Orange County Number and Percent of Any and Exclusive Breastfeeding, by Race/Ethnicity, 2012 to 2017

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 2017 (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

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, 2012-2016

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

*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, 2016

Supplemental Tables: Good Health

Indicator: **IMMUNIZATIONS**

Definition

This indicator reports the percentage of children who received all doses of specific vaccines recommended by their 2nd birthday and required at kindergarten entry. Data at the 2nd birthday are based upon annual retrospective reviews of a sample of randomly selected schools' kindergarten immunization records and therefore represent vaccination trends three years prior.

Percent of Adequately Immunized Children Enrolling in School Between 2008 through 2017 in Orange County and California

Assessment Year	Up-To-Date at Kindergarten Entry*		Up-To-Date at 2 nd Birthday**	
	CA (%)	OC (%)	CA (%)	OC (%)
2008	91.7	90.0	77.9	81.1
2009	91.1	89.6	76.9	76.6
2010	90.7	89.0	77.4	74.8
2011	91.0	89.5	N/A	78.1
2012	90.3	89.3	N/A	75.7
2013	90.2	88.7	N/A	73.6
2014	90.4	90.1	N/A	78.9
2015	92.8	92.5	N/A	75.5
2016	95.6	95.5	N/A	78.5
2017	95.1	95.7	N/A	77.9

*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. 2016 Kindergarten Assessment Results, California Department of Health Services, Immunization Branch.

**Up-to-date at 2nd birthday: 3 doses of polio, 4 doses of DTP or DTaP (diphtheria, pertussis and tetanus) and 1 MMR (measles, mumps and rubella). Additional doses of each vaccine are required before school entry. 2003-2012 Kindergarten Retrospective Survey Results, California Department of Health Services, Immunization Branch. 2003-2010 OC data includes other Southern California counties (Imperial, Orange, Riverside, San Bernardino, and San Diego). 2011-2012 data include a small, random sample of schools for Orange County only.

Source: Kindergarten Retrospective Survey Results California Department of Health Services, Immunization Branch; Prepared by Orange County Health Care Agency

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 Development Disabilities, 2008 to 2017

	2008		2009		2010		2011		2012	
	No.	%	No.	%	No.	%	No.	%	No.	%
Total Served	9,281	100	9,443	100	9,412	100	8,915	100	8,821	100
Total Served with Diagnosis	5,956	64.2	6,495	68.8	6,362	67.6	6,119	68.6	6,268	71.1
Total Number Under 4 Years of Age	4,270	46	4,297	45.5	4,056	43.1	3,463	68.8	3,247	36.8
Total Number who live at home	8,977	96.7	9,192	97.3	8,530	90.6	8,451	94.7	8,394	95.2
Total Number who live in Community Care Facility	102	1.1	71	0.8	102	1.1	76	0.9	78	0.9
Total number who live in Foster Care (SSA)	125	1.3	106	1.1	114	1.2	115	1.3	99	1.1
	2013		2014		2015		2016		2017	
	No.	%	No.	%	No.	%	No.	%	No.	%
Total Served	8,661	100	8,953		9,343	100	9,688	100	10,156	100
Total Served with Diagnosis	6,342	73.2	6,448	72.0	6,644	71.1	6,761	69.8	6,905	68.0
Total Number Under 4 Years of Age	2,953	34.1	3,111	34.7	3,274	35.0	3,505	36.2	3,773	37.1
Total Number who live at home	8,240	95.1	8,750	97.7	9,112	97.5	9,461	97.7	9,911	97.6
Total Number who live in Community Care Facility	68	0.8	61	0.7	59	0.6	48	0.5	58	0.6
Total Number who live in Foster Care (SSA)	84	1	98	1.1	126	1.3	139	1.4	154	1.5

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, 2008 to 2017

Ethnicity	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White	2,918	2,863	2,789	2,448	2,342	2,222	2,364	2,486	2,539	2,592
Black	119	129	127	116	119	124	147	167	199	212
Hispanic	3,318	3,507	3,495	3,366	3,328	3,333	3,490	3,715	3,944	4,114
Asian	1,295	1,399	1,437	1,425	1,477	1,485	1,655	1,780	1,861	2,050
Other	1,358	1,345	1,365	1,360	1,035	984	838	1,200	1,151	1,192
Unknown	273	200	199	200	295	489	463	417	408	428
Total	9,281	9,443	9,412	8,915	8,821	8,794	8,957	9,765	10,102	10,587

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 2013 to July 2018

Years of Age	2013			2014			2015			2016		
	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	692	312	45.1	664	326	49.1	646	342	52.9	722	422	58.4
5-9	2,195	1,125	51.2	2,218	1,170	53.0	2,236	1,230	55.0	2,331	1,337	57.3
10-14	1,943	920	47.3	2,089	1,002	48.0	2,221	1,131	50.9	2,262	1,172	51.8
15-18	1,597	677	42.4	1,583	703	48.0	1,677	758	45.2	1,772	822	46.3
Total	6,437	3,034	47.1	6,554	3,301	50.4	6,780	3,461	51.1	7,087	3,753	52.9

Years of Age	2017			2018			
	Total # of Children Served by RCOC	# with Autism	% with Autism	Total # of Children Served by RCOC	# with Autism	% with Autism	% Change 2013 to 2018
3-4	701	410	58.5	696	428	61.5	36.4
5-9	2,248	1,384	61.6	2,236	1,438	64.3	25.6
10-14	2,398	1,348	56.2	2,421	1,409	58.2	23.0
15-18	1,758	845	48.1	1,889	956	50.6	19.4
Total	7,105	3,987	56.1	7,242	4,231	58.4	24.0

RCOC data as of 8/01/2018.

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, 2011/12 to 2016/17

	2011/2012	2012/13	2013/14*	2014/15	2015/16	2016/17
5th Graders	62.4	63	70.2	70.7	69.1	68.3
7th Graders	63.6	64.4	74.7	73.6	73.8	74.0
9th Graders	62.4	63	72	71.8	70.4	70.6

*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, 2011/12 to 2016/17

Grade and Year	Black	American Indian	Asian	Filipino	Pacific Islander	Hispanic	White	Average
2011/12								
5th Graders	64.8	65.9	75.0	69.8	51.4	59.1	80.1	66.6
7th Graders	72.4	75.9	84.3	77.3	62.2	63.5	82.3	74.0
9th Graders	67.5	70.5	81.6	72.1	58.4	61.4	78.2	70.0
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

*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, 2011/12 to 2016/17

Race/Ethnicity	Percent Needs Improvement Health Risk for Aerobic Capacity					
	2011/12	2012/13	2013/14*	2014/15	2015/16	2016/17
Hispanic	10.7	11.2	9.1	7.7	9.5	9.5
Pacific Islander	15.5	11.7	7.2	13.6	10.1	16.9
Black	5.6	5.3	5.6	6.6	6.6	8.1
American Indian	2.3	6.4	5.6	8.7	9.8	8.7
Filipino	5.5	5.3	5.0	4.9	5.1	5.9
White	2.8	3.3	2.7	2.9	3.2	3.0
Two or More Races	3.1	3.5	2.3	3.7	4.6	2.0
Asian	2.4	2.7	2.1	2.3	2.6	2.9
Orange County	6.8	7.2	5.8	5.3	6.3	6.2
California	8.0	8.4	6.5	6.6	6.8	6.7

*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 2011/12 to 2016/17

Grade	2011/2012	2012/13	2013/14*	2014/15	2015/16	2016/17
5th Graders	56.4	56.7	63.4	64.1	64.0	64.2
7th Graders	61.3	62.1	67.4	66.4	67.1	66.6
9th Graders	65.5	65.3	70.8	71.2	69.5	69.2

*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, 2011/12 to 2016/17

Grade and Year	Black	American Indian	Asian	Filipino	Pacific Islander	Hispanic	White	Average
2011/12								
5th Graders	55	62.4	66.8	59.9	38.5	43.5	71	56.7
7th Graders	57.3	59.3	72	64.8	51.1	50.7	71.7	61.0
9th Graders	61.3	65.1	75.2	68.2	50.6	56.4	73.8	64.4
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

*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/ and Ethnicity, 2011/12 to 2016/17

Percent Needs Improvement Based on Health Risk for Body Composition						
Race/Ethnicity	2011/12	2012/13	2013/14*	2014/15	2015/16	2016/17
Pacific Islander	49.3	39.9	28.6	39.4	33.8	36.2
Hispanic	42.5	41.7	27.3	26.2	26.7	26.8
Black	32.3	30.7	17.9	15.3	19.1	17.3
American Indian	27	30.2	16.6	16.0	25.4	28.2
Filipino	28.9	26.5	16	17.1	12.7	13.3
Two or More Races	20	22.5	9.9	11.4	12.9	7.3
White	17.2	18.4	9.3	9.4	9.4	8.5
Asian	20.5	19.5	8.6	8.5	9.3	9.7
Orange County	30.6	30.5	18.3	17.7	18.1	18.0
California	33.9	33.7	21	20.9	20.7	21.5

*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 per year.

Birth Rate per 1,000 Females Aged 15-19 Years in Orange County, California and United States, 2007 to 2016

Area	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Orange County	29.6	27.7	25.3	22.5	20.2	19.2	16.7	14.8	12.0	10.9
California	40.1	38.3	35.4	31.6	28.3	26.2	23.2	21.1	19.0	15.7
United States	42.5	41.5	39.1	34.2	31.3	29.4	26.5	24.2	22.3	20.3

Source Orange County: Orange County Health Care Agency

Source California: State of California, Department of Health Services, Birth Records. a. <http://www.cdph.ca.gov/data/statistics/Documents/VSC-2005-0202.pdf>;

<http://www.dhs.ca.gov/hisp/chs/OHIR/tables/datafiles/vsofca.xls>

Source United States: National vital statistics reports: National Center for Health Statistics. (<http://www.cdc.gov/nchs/births.htm>)

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 2010-2017: 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, February 2017.

Percent of Teen Births (19 and Under) of Total Births in Orange County, 2007 to 2016

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
7.0%	7.0%	6.8%	6.6%	5.8%	5.5%	4.8%	4.1%	3.7%	3.2%

Source: Orange County Health Care Agency.

Number and Birth Rates, by Age of Mother (19 Years and Under) per 1,000 Females, 2007 to 2016

Age of Mother	2007		2008		2009		2010		2011	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 Years	44	0.4	52	0.5	34	0.3	36	0.4	34	0.3
15-17 Years	984	15.3	979	15.0	902	13.8	806	12.3	730	11.3
18-19 Years	2,105	52.7	1,976	48.0	1,828	42.7	1,673	37.6	1,485	33.1
Age of Mother	2012		2013		2014		2015		2016	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
< 15 Years	25	0.2	18	0.2	11	0.2	17	0.3	9	0.2
15-17 Years	624	9.8	500	8.0	457	7.3	372	5.8	339	8.9
18-19 Years	1,454	32.6	1,283	29.2	1,102	25.5	987	20.3	872	22.9

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 2010-2017: 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, February 2017.

Source: County of Orange Health Care Agency.

Birth Rate per 1,000 Female Teen Population 15-19 Years of Age, by Race and Ethnicity, 2007 to 2016

RACE/ETHNICITY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Asian	3.4	2.5	3.3	2.6	1.8	2.2	2.0	1.2	1.6	0.9
Black	25.2	26.1	18.9	13.9	12.6	11.6	10.1	14.8	9.0	16.3
Hispanic	63.5	58.2	51.4	45.4	39.6	36.8	31.0	26.9	23.7	21.0
Non-Hispanic White	6.9	7.7	6.7	6.9	4.9	4.2	3.9	4.3	3.5	2.9

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 2010-2017: 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, February 2017.

Source: Orange County Health Care Agency.

Supplemental Tables: Good Health

Percent of Population, Total Births and Births to Teens (19 and Under), by Race and Ethnicity, 2007 to 2016

RACE/ ETHNICITY	PERCENT OF POPULATION*	PERCENT OF TOTAL BIRTHS BY YEAR									
		2015	2007	2008	2009	2010	2011	2012	2013	2014	2015
Asian	15.7	16.6	16.5	16.8	16.4	17.1	19.5	20.0	23.4	23.1	25.4
Black	1.3	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
Hispanic	47.3	51.9	51.8	50.3	49.5	48.2	46.5	45.9	42.6	42.8	40.8
Non-Hispanic White	30.4	28.7	28.8	29.9	31.1	30.1	29.3	31.1	30.7	30.8	32.0

RACE/ ETHNICITY	PERCENT OF POPULATION*	PERCENT OF TEEN BIRTHS BY YEAR									
		2015	2007	2008	2009	2010	2011	2012	2013	2014	2015
Asian	16.1	1.8	1.4	1.9	1.8	1.4	1.9	2.5	1.4	2.2	1.4
Black	1.4	1.4	1.5	1.2	1.0	1.0	1.0	0.9	1.6	1.1	2.5
Hispanic	44.9	86.1	85.0	85.3	85.3	86.4	87.4	86.8	85.4	86.1	85.7
Non-Hispanic White	33.2	8.9	10.3	9.7	10.5	8.8	8.0	8.6	10.6	9.7	10.3

*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 2010-2017: 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, February 2017. 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, 2007 to 2016

Age of Mother	Total	Rate	Non-Hispanic White	Black	Hispanic	Asian	Other
2007							
< 15 Years	44	0.4	1	0	41	0	2
15-17 Years	984	15.3	67	9	885	13	10
18-19 Years	2,105	52.7	207	35	1,776	43	44
Total Teen Births	3,133		275	44	2,702	56	56
Teen Birth Rate	29.6		6.9	25.2	63.5	3.4	N/A
2008							
< 15 Years	52	0.5	1	2	45	2	2
15-17 Years	979	15.0	74	12	869	10	14
18-19 Years	1,976	48.0	231	33	1,644	31	37
Total Teen Births	3,007		306	47	2,558	43	53
Teen Birth Rate	27.7		7.7	26.1	58.2	2.5	N/A
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	1,102	25.5	135	12	929	18	8
Total Teen Births	1,570	4.7	167	25	1,341	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

*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 2010-2017: 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, February 2017. 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, 2012 to 2016

	Female Population Age 15-19*	2012	2013	2014	2015	2016	Rates per 1,000 Females 15-19
Aliso Viejo	1,704	7	9	7	6	7	4.1
Anaheim	12,077	453	381	342	308	259	21.4
Brea	1,154	7	5	8	12	6	5.2
Buena Park	2,294	76	57	63	55	37	16.1
Costa Mesa	2,859	49	65	51	46	52	18.2
Coto de Caza CDP	554	0	0	0	1	0	0
Cypress	1,840	12	10	8	9	6	3.3
Dana Point	747	8	8	6	7	12	16.1
Fountain Valley	1,448	6	8	10	13	5	3.5
Fullerton	5,236	94	104	87	75	67	12.8
Garden Grove	5,650	144	125	100	89	81	14.3
Huntington Beach	5,308	54	45	35	26	30	5.7
Irvine	10,460	14	12	13	10	12	1.1
La Habra	152	67	54	45	36	34	223.3
La Palma	464	4	1	3	1	1	2.2
Ladera Ranch CDP	722	1	0	3	2	0	0
Laguna Beach	672	2	2	2	0	0	0
Laguna Hills	1,012	6	11	6	6	5	4.9
Laguna Niguel	1,800	13	10	11	12	7	3.9
Laguna Woods	0	0	0	0	0	0	0
Lake Forest	2,630	29	26	22	14	20	7.6
Los Alamitos	487	4	4	0	2	2	4.1
Midway CDP	497	6	6	4	3	5	10.1
Mission Viejo	3,255	23	15	16	8	10	3.1
Newport Beach	2,211	6	2	4	4	0	0
Orange	5,544	118	87	76	75	67	12.1
Placentia	1,632	22	26	29	26	18	11
Rancho Santa Margarita	1,535	13	9	9	9	6	3.9
Rossmoor CDP	463	0	0	0	0	0	0
San Clemente	2,058	31	29	28	19	19	9.2
San Juan Capistrano	1,594	37	22	20	21	17	10.7
Santa Ana	12,582	611	510	432	361	346	27.5
Seal Beach	276	1	1	1	1	0	0
Stanton	1,486	30	30	23	23	13	8.7
Trabuco Canyon	N/A	N/A	N/A	N/A	N/A	2	N/A
Tustin	2,535	55	45	31	24	39	15.4
Villa Park	220	0	0	0	1	0	0
Westminster	2,989	48	40	35	30	22	7.4
Yorba Linda	2,326	5	5	8	8	3	1.3
Orange County Total	112,405	2,078	1,783	1,559	1,376	1,220	10.9

*Population source: U.S. Census Bureau, American Community Survey, Five Year Average Population, 2012-2016
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, 2008-2017

Type of STD**	2008		2009		2010 ¹		2011 ¹		2012 ¹	
	Number	Rate*	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia	751	207.5	748	209.2	670	194.8	724	210.2	675	196.5
Gonorrhea	39	10.8	25	7.0	38	11.0	35	10.2	49	14.3
Syphilis	4	1.1*	2	0.6*	2	0.6*	1	0.3*	2	0.6*
HIV/AIDS	2	0.6*	4	1.1*	0	0.0	4	1.2*	1	0.3*
Population	361,899		357,637		343,986		344,368		343,543	

Type of STD**	2013 ¹		2014 ¹		2015 ¹		2016 ¹		2017 ¹	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia	563	164.1	621	181.0	648	190.8	696	204.9	697	205.3
Gonorrhea	56	16.3	72	21.0	67	19.7	95	28.0	111	32.7
Syphilis	9	2.6	14	4.1	9	2.6	3	0.9*	0	0.0
HIV/AIDS	1	0.3*	2	0.6*	3	0.9*	4	1.2*	1	0.3
Population	343,067		341,370		339,651		339,267		339,480	

* 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, December 2014.

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 2018

Supplemental Tables: Good Health

Number of STD's Among Youth 10-17 Years of Age, by Gender and Type of Disease, 2008-2017

Type of STD*	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Chlamydia										
Male	147	151	121	162	134	129	136	123	155	159
Female	603	593	548	561	540	434	485	522	539	535
Unknown	1	4	1	1	1	0	0	3	2	3
Total	751	748	670	724	675	563	621	648	696	697
Gonorrhea										
Male	11	17	12	13	15	20	27	23	32	43
Female	28	8	25	22	33	36	44	44	63	67
Unknown	0	0	1	0	1	0	1	0	0	1
Total	39	25	38	35	49	56	72	67	95	111
Syphilis										
Male	2	0	0	0	2	6	10	7	2	0
Female	2	2	2	1	0	3	4	2	1	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	4	2	2	1	2	9	14	9	3	0
HIV/AIDS										
Male	2	4	0	3	0	1	2	3	4	1
Female	0	0	0	1	1	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	2	4	0	4	1	1	2	3	4	1

*Does not include congenital cases resulting from mother to child transmission.
Source: Orange County Health Care Agency, Public Health Services, May 2018.

Supplemental Tables: Good Health

Number and STD Case Rates* per 100,000 Youth, By Age Group and Type of Disease, 2008-2017

Type of STD**	2008		2009		2010 ¹		2011 ¹		2012 ¹	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia										
10-14 years	40	18.2	52	24.0	27	12.8	50	23.8	29	13.9
15-17 years	711	501.8	696	492.6	643	483.2	674	503.4	646	480.4
Gonorrhea										
10-14 years	4	1.8*	0	0.0	1	0.5*	2	1.0*	2	1.0*
15-17 years	35	24.7	25	17.7	37	27.8	33	24.6	47	34.9
Syphilis										
10-14 years	0	0.0	1	0.5*	0	0.0	0	0.0	0	0.0
15-17 years	4	2.8*	1	0.7*	2	1.5*	1	0.7*	2	1.5*
HIV/AIDS										
10-14 years	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5*
15-17 years	2	1.4*	5	3.5	1	0.8*	4	3.0*	0	0.0
10-14 Total Cases	44	20.0	53	24.5	28	13.3	52	24.7	32	15.3
15-17 Total Cases	752	530.8	727	514.5	683	513.2	712	531.8	695	516.8
10 - 17 Total Cases	796	220.0	780	218.1	711	206.7	764	221.9	727	211.6
Type of STD**	2013 ¹		2014 ¹		2015 ¹		2016 ¹		2017 ¹	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Chlamydia										
10-14 years	25	12.0	27	12.9	23	11.1	35	16.9	35	16.8
15-17 years	538	401.3	594	447.2	625	473.3	661	499.1	662	505.0
Gonorrhea										
10-14 years	2	1.0*	4	1.9*	6	2.9	7	3.4	9	4.3
15-17 years	54	40.3	68	51.2	61	46.2	88	66.4	102	77.8
Syphilis										
10-14 years	1	0.5*	0	0.0	0	0.0	0	0.0	0	0.0
15-17 years	8	6.0	14	10.5	9	6.8	3	2.3*	0	0.0
HIV/AIDS										
10-14 years	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17 years	2	1.5*	3	2.3*	3	2.3*	4	3.0*	1	0.8
10-14 years Total Cases	28	13.4	31	14.9	29	14.0	42	20.3	44	21.1
15-17 years Total Cases	602	449.0	679	511.2	698	528.6	756	570.8	765	583.6
10 - 17 Total Cases	630	183.6	710	208.0	727	214.0	798	235.2	809	238.3

* 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, February 2017.

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 2018

Supplemental Tables: Good Health

Indicator: **BEHAVIORAL HEALTH**

Number of Children and Young Adults through Age 25 Served by Children and Youth Behavioral Health, 2007/08 to 2016/17

Outpatient (Visit)	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Number of Children and Young Adults	12,552	12,864	13,006	14,431	14,918	14,830	15,257	15,029	14,624	15,019

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

Number of Clients Served by Children and Youth Behavioral Health, by Race/Ethnicity, 2008/09 to 2016/17

Race/Ethnicity	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	Percent Change
White	3,589	3,463	3,534	3,616	3,648	3,570	2,876	2,670	2,482	-30.8
Black	696	651	693	702	641	626	514	511	537	-22.8
Hispanic	7,144	7,504	8,690	9,099	9,217	9,599	10,422	10,177	10,599	42.5
Asian	713	682	785	700	696	859	778	816	878	23.1
American Indian	158	162	145	124	80	58	41	36	38	-75.9
Other/Unknown	564	544	584	677	548	545	218	196	201	-64.4
Total	12,864	13,006	14,431	14,918	14,830	15,257	15,029	14,624	15,019	16.8

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

Number of Services, by Type of Outpatient Program, 2007/08 to 2016/17

Outpatient (Visit)	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Special Education (Community Based)	65,343	60,864	55,881	37,435	25,335	n/a	n/a	n/a	n/a	n/a
Wards & Dependents	127,175	137,613	120,002	115,999	109,580	97,334	87,439	81,483	79,419	81,396
Other (Community-Based)	194,638	213,615	256,496	306,331	281,450	294,615	309,259	305,374	287,804	299,878
Total	387,156	412,092	432,379	459,765	416,365	391,949	396,698	387,064	367,429	381,404

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, 2007/08 to 2016/17

Inpatient	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
State Hospital	0	0	0	0	0	0	0	0	0	0
Acute Hospital (Unfunded)	566	497	386	547	440	637	560	299	245	230
Acute Hospital (Medi-Cal)	2,131	2,304	3,016	3,164	3,049	3,857	5,529	4,364	5,471	6,904
Residential Placement (Sp Ed)	58,573	52,610	49,503	41,677	27,654	17,513	10,323	4,451	4,680	5,645
Total	60,270	55,411	52,905	45,388	31,143	22,007	16,412	9,114	10,396	12,779

*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 ABUSE SERVICES**

Definition

This indicator tracks the number and percent of adolescents receiving substance abuse services provided by the Orange County Health Care Agency's (HCA) Alcohol and Drug Abuse Services (ADAS). 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, 2007/08 to 2016/17

Year	Outpatient	Residential	Total
2007/08			
Number	315	145	460
Percent	68.5%	31.5%	100%
2008/09			
Number	317	236	553
Percent	57.3%	42.7%	100%
2009/10			
Number	156	56	212
Percent	73.6%	26.4%	100%
2010/11			
Number	256	323	579¹
Percent	44.2%	55.8%	100%
2011/12			
Number	183	288	471²
Percent	38.9%	61.1%	100%
2012/13			
Number	245	95	340³
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%

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 Abuse Services: Number and Percent, by Discharge Status, 2007/08 to 2016/17

Year	Completed Treatment	Left with Satisfactory Progress	Left with Unsatisfactory Progress	Referred/ Transferred	Total
2007/08					
Number	52	32	160	N/A	244
Percent	21.3%	13.1%	65.6%	N/A	100%
2008/09					
Number	143	68	316	N/A	527
Percent	27.1%	12.9%	60.0%	N/A	100%
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%

*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 Abuse Services, by Drug of Choice and Age, 2007/08 to 2016/17

Year	Age	Alcohol	Metham- phetamine	Cocaine	Marijuana	PCP/ Hallucinogen	Heroin	Other*	Total
2007/08	Under 13	1	1	0	1	0	0	0	3
	13-14	10	11	0	44	1	0	6	72
	15-17	51	90	16	314	3	2	17	493
	Total	62	102	16	359	4	2	23	568
	Percent	10.90%	18.00%	2.80%	63.20%	0.70%	0.40%	4%	100%
2008/09	Under 13	0	0	0	0	0	0	0	0
	13-14	3	2	0	27	2	12	0	46
	15-17	45	122	14	273	5	37	11	507
	Total	48	124	14	300	7	49	11	553
	Percent	8.70%	22.40%	2.50%	54.20%	1.30%	8.90%	2.50%	100%
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%

*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 Treatment Services, by Race/Ethnicity and Gender, 2007/08 to 2016/17

Year	Gender	Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian	Other	
2007/08	Male	126	240	13	2	18	17	416
	Female	64	81	1	0	3	3	152
	Total	190	321	14	2	21	20	568
	Percent	33.5%	56.5%	2.5%	0.4%	3.7%	3.5%	100%
2008/09	Male	157	209	7	2	11	12	398
	Female	79	65	3	3	4	1	155
	Total	236	274	10	5	15	13	553
	Percent	42.7%	49.5%	1.8%	0.9%	2.7%	2.4%	100%
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%

*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 Abuse Treatment, by Source, 2007/08 to 2016/17

	Year	School	Family/ Self	Legal System	Health Care Programs	Other Community Referral	Total
2007/08	Number	19	246	179	7	11	462
	Percent	4.1%	53.3%	38.7%	1.5%	2.4%	100%
2008/09	Number	12	218	261	37	25	553
	Percent	2.2%	39.4%	47.2%	6.7%	4.5%	100%
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%

*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), 2007-2016

Year	2007 ¹	2008 ¹	2009 ¹	2010 ¹	2011 ¹	2012 ¹	2013 ¹	2014 ¹	2015 ¹	2016 ²
Individual children ages 0-5 years of age with BLL above reference value of ≥ 4.5 mcg/dL	1,860	1,531	1,597	1,186	1,207	963	720	549	465	652
Individual children ages 6-20 years of age with BLL above reference value of ≥ 4.5 mcg/dL	351	283	320	285	312	202	135	240	72	113
Total individual children with BLL above reference value of ≥ 4.5 mcg/dL	2,211	1,814	1,917	1,471	1,519	1,165	855	789	537	765

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, 2007 to 2016

Year	<18 Living in Poverty (%)	Families in Poverty (%)
2007		
Orange County	12.0	6.1
California	17.3	9.3
2008		
Orange County	13.3	6.8
California	18.5	10.0
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

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, 2017/18

Elementary Districts	No.	%
Anaheim Elementary	15,410	85.4%
Buena Park	3,533	72.6%
Centralia	2,536	59.1%
Cypress Elementary	1,405	39.8%
Fountain Valley Elementary	1,585	24.3%
Fullerton Elementary	5,009	40.1%
Huntington Beach City Elementary	1,406	23.4%
La Habra City	3,550	71.4%
Magnolia	5,136	82.7%
Ocean View	3,857	51.2%
Savanna	1,657	61.3%
Westminster	6,625	70.7%
High School Districts	No.	%
Anaheim Union High	22,147	70.6%
Fullerton Joint Union High	6,924	52.2%
Huntington Beach Union High	6,038	38.0%
Unified Districts	No.	%
Brea-Olinda Unified	1,804	32.6%
Capistrano Unified	13,930	28.3%
Garden Grove Unified	30,711	71.2%
Irvine Unified	6,535	19.6%
Laguna Beach Unified	358	12.3%
Los Alamitos Unified	1,648	18.3%
Newport-Mesa Unified	9,410	47.4%
Orange Unified	13,242	51.2%
Placentia-Yorba Linda Unified	9,410	37.1%
Saddleback Valley Unified	8,392	33.6%
Santa Ana Unified	42,729	83.1%
Tustin Unified	9,662	41.7%
County Totals	234,649	50.7%

Source: Orange County Department of Education

Supplemental Tables: Economic Wellbeing

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

Number of Children Receiving Financial Assistance Countywide, 2007/08 to 2016/17

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Receiving CalWORKs	31,932	35,962	42,793	46,809	45,950	43,916	42,877	42,345	38,982	34,485

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

Supplemental Tables: Economic Wellbeing

CalWORKs Recipients: Children by Age and City, January 2018

City	<1	1	2	3	4	5	6	7	8
Aliso Viejo	3	7	4	5	7	1	7	5	10
Anaheim	283	389	382	421	392	458	392	441	482
Brea	5	8	7	8	9	10	10	8	8
Buena Park	46	58	68	65	54	66	61	59	76
Costa Mesa	34	31	38	45	31	38	41	53	42
Cypress	25	39	37	35	44	32	37	38	38
Dana Point	2	5	5	5	5	7	3	6	7
Fountain Valley	8	12	10	20	12	6	12	10	11
Fullerton	58	65	76	76	93	93	61	95	85
Garden Grove	86	127	101	129	113	112	113	120	151
Huntington Beach	43	48	44	64	63	47	69	57	47
Irvine	30	25	42	27	25	37	28	36	47
La Habra	29	35	44	42	35	48	39	51	48
La Palma	0	6	3	1	4	3	4	2	5
Laguna Beach	0	2	0	0	0	2	1	4	0
Laguna Hills	10	10	14	9	11	15	11	14	17
Laguna Niguel	5	7	14	11	12	10	13	4	13
Laguna Woods*	0	0	0	1	0	0	0	0	0
Lake Forest	21	27	22	22	18	20	23	28	28
Los Alamitos	4	1	3	4	7	6	4	6	8
Mission Viejo	10	16	9	13	12	14	17	18	10
Newport Beach	3	6	3	2	6	2	3	3	1
Orange	46	66	60	70	62	65	77	71	68
Placentia	22	34	23	28	36	22	35	31	42
Rancho Santa Margarita	4	8	5	3	3	3	2	6	2
San Clemente	7	12	13	7	12	12	9	13	13
San Juan Capistrano	2	10	11	4	12	10	11	8	16
Santa Ana	241	319	384	373	388	409	445	460	480
Seal Beach	0	1	1	2	1	5	1	3	2
Stanton	21	20	28	35	41	33	37	33	46
Tustin	23	37	40	37	40	38	35	43	41
Villa park	0	1	1	0	0	1	2	0	0
Westminster	44	50	50	51	55	61	47	52	44
Yorba Linda	5	11	8	7	13	11	11	8	7
Cities Subtotal	1,120	1,493	1,550	1,622	1,616	1,697	1,661	1,786	1,895
Unincorporated Areas									
Coto de Caza	0	0	0	0	0	0	0	0	0
Ladera Ranch	2	2	1	1	1	0	1	0	0
Midway City	7	1	2	6	5	9	5	7	8
North Tustin	0	0	0	1	0	0	0	0	0
Rossmoor	1	0	1	0	0	0	0	0	0
Silverado Canyon	0	0	1	0	0	0	1	0	1
Trabuco Canyon	3	1	0	1	0	2	0	0	1
Unincorporated Subtotal	13	4	5	9	6	11	7	7	10
Unassigned Subtotal	41	36	30	40	30	25	16	31	17
Total by Age	1,174	1,533	1,585	1,671	1,652	1,733	1,684	1,824	1,922
Percent by Age	3.8	5.0	5.1	5.4	5.4	5.6	5.5	5.9	6.2

*City Populations Under 18 from 201122-201526 American Community Survey 5-Year Estimates, Demographic and Housing Estimates. 201122-201526 American Community Survey estimates no population under 18 in Laguna Woods.
Source: Orange County Social Services Agency

Supplemental Tables: Economic Wellbeing

CalWORKs Recipients: Children by Age and City, January 2018 (Continued)

City	9	10	11	12	13	14	15	16	17	Subtotal
Aliso Viejo	6	9	3	5	5	3	8	6	2	96
Anaheim	509	437	490	432	393	416	365	358	309	7,349
Brea	7	12	14	5	6	14	8	8	8	155
Buena Park	65	70	63	67	55	52	58	41	48	1,072
Costa Mesa	50	53	64	34	50	35	47	31	40	757
Cypress	30	36	37	36	33	24	24	25	29	599
Dana Point	5	9	4	9	2	2	4	4	3	87
Fountain Valley	9	17	11	20	13	16	10	16	12	225
Fullerton	96	94	104	65	78	70	57	59	48	1,373
Garden Grove	124	146	152	145	117	130	129	116	110	2,221
Huntington Beach	58	65	60	66	39	48	36	42	56	952
Irvine	49	36	44	40	44	43	31	41	37	662
La Habra	66	51	63	40	41	39	35	32	40	778
La Palma	6	4	2	1	1	1	3	0	2	48
Laguna Beach	2	0	2	5	1	2	1	1	0	23
Laguna Hills	17	8	19	14	13	11	15	12	10	230
Laguna Niguel	23	10	17	11	7	12	10	13	6	198
Laguna Woods*	0	0	0	0	2	1	0	0	0	4
Lake Forest	24	32	30	22	22	19	15	20	14	407
Los Alamitos	1	3	4	4	2	8	2	3	1	71
Mission Viejo	14	20	17	13	21	12	15	15	12	258
Newport Beach	3	10	6	6	5	3	2	7	7	78
Orange	86	86	82	79	84	66	70	58	52	1,248
Placentia	39	30	35	25	32	32	27	33	26	552
Rancho Santa Margarita	4	2	4	5	3	6	7	4	5	76
San Clemente	7	10	10	13	12	11	10	14	7	192
San Juan Capistrano	19	15	19	16	18	9	12	11	5	208
Santa Ana	561	566	574	526	476	430	381	408	371	7,792
Seal Beach	1	1	0	1	1	5	3	2	1	31
Stanton	41	37	36	31	43	30	33	35	32	612
Tustin	58	59	34	56	68	52	48	55	29	793
Villa park	0	0	1	0	1	0	0	0	0	7
Westminster	54	68	55	66	67	48	57	48	39	956
Yorba Linda	11	6	8	9	3	10	7	9	8	152
Cities Subtotal	2,045	2,002	2,064	1,867	1,758	1,660	1,530	1,527	1,369	30,262
Unincorporated Areas										
Coto de Caza	0	0	0	0	0	0	0	0	0	0
Ladera Ranch	2	0	2	1	2	0	0	0	2	17
Midway City	7	10	6	13	4	4	4	9	7	114
North Tustin	0	0	0	0	0	0	0	0	0	1
Rossmoor	0	0	0	0	0	0	0	0	0	2
Silverado Canyon	0	0	0	0	1	0	0	1	0	5
Trabuco Canyon	1	2	1	1	2	4	0	3	0	22
Unincorporated Subtotal	10	12	9	15	9	8	4	13	9	161
Unassigned Subtotal	20	15	19	19	16	21	14	17	7	414
Total by Age	2,075	2,029	2,092	1,901	1,783	1,689	1,548	1,557	1,385	30,837
Percent by Age	6.7	6.6	6.8	6.2	5.8	5.5	5.0	5.0	4.5	100.0

Supplemental Tables: Economic Wellbeing

Indicator: **HOMELESS STUDENTS**

Homeless Children and Youth, by School District, 2007/08 TO 2016/17

Elementary Districts	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Anaheim Elementary	3,259	4,029	3,983	1,870	1,410	1,355	2,065	2,210	2,242	2,076
Buena Park	841	972	1,151	1,280	1,112	1,022	593	201	281	313
Centralia	519	651	529	685	660	673	719	428	615	593
Cypress	13	4	3	59	95	127	240	353	445	435
Fountain Valley	-	-	4	4	4	1	3	7	12	14
Fullerton	103	114	144	131	428	309	234	163	173	176
Huntington Beach City	7	2	13	15	30	24	25	36	41	60
La Habra City	255	271	286	162	110	6	7	30	59	63
Magnolia	1,087	1,178	1,220	1,438	1,453	1,503	1,809	1,732	1,870	1,980
Ocean View	313	443	403	196	122	92	130	129	261	672
Savanna	72	70	345	315	356	418	345	294	289	299
Westminster	798	1,573	1,582	1,731	522	1,797	1,238	906	1,019	1,012
High School Districts										
Anaheim Union	172	191	2,197	2,467	3,732	4,352	4,272	4,145	3,138	2,863
Fullerton Joint	246	351	520	612	404	438	337	444	382	348
Huntington Beach Union	314	389	388	390	283	249	349	362	369	496
Unified Districts										
Brea-Olinda	6	10	14	52	55	42	37	12	16	27
Capistrano	1,508	3,030	3,533	3,566	2,244	2,657	3,060	2,574	2,681	1,890
Garden Grove	241	931	961	2,123	2,326	2,156	1,943	1,002	969	760
Irvine	31	77	172	128	155	121	172	127	58	90
Laguna Beach	7	5	4	11	0	5	5	2	19	13
Los Alamitos	15	18	30	26	18	15	8	5	32	37
Newport-Mesa	115	138	146	211	344	320	205	147	152	108
OCDE-ACCESS	125	132	249	610	1,561	1,854	1,709	231	1,503	1,282
Orange	120	137	126	172	243	262	213	216	270	326
Placentia-Yorba Linda	28	220	346	701	614	817	2745	2,977	3,555	2,841
Saddleback Valley	6	19	31	30	760	935	1510	574	680	600
Santa Ana	6,731	6,815	7,357	8,738	9,136	8,492	8,105	6,507	6,997	7,306
Tustin	60	245	259	349	418	500	249	250	322	439
Total Homeless Students	17,051	22,025	25,996	28,072	28,625	30,542	32,510	26,064	28,450	27,119
Homeless % of Total Students	3.4%	4.4%	5.2%	5.6%	5.7%	6.1%	6.50%	5.2%	5.8%	5.5%

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, 2007/08 to 2016/17

Primary Nighttime Residency:	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Shelters	385	441	667	928	1,034	1,621	1,730	1,232	1,254	1,055
Doubled-up/Tripled-up	15,817	20,549	24,114	26,084	26,113	27,491	29,300	23,533	25,545	24,274
Unsheltered	60	143	170	106	155	195	241	247	315	367
Hotels/Motels	0	892	1,078	973	1,323	1,235	1,239	1,052	1,336	1,423
Unknown	789	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	17,051	22,025	26,029	28,091	28,625	30,542	32,510	26,064	28,450	27,119

Source: California Department of Education

Homeless High School Students 9th to 12th Grade, 2016/17

District	Grade 9	Grade 10	Grade 11	Grade 12	Total H.S. Homeless	% of Total OC Homeless Students
ACCESS/OCDE	209	376	375	364	1,324	4.9
Anaheim Union	217	265	767	841	2,090	7.7
Brea-Olinda Unified	N/A	N/A	N/A	N/A	0	0.0
Capistrano Unified	123	138	114	110	485	1.8
Fullerton Joint Union	70	87	111	91	359	1.3
Garden Grove	65	88	73	108	334	1.2
Huntington Beach Union	71	109	143	195	518	1.9
Irvine Unified	9	12	8	8	37	0.1
Laguna Beach Unified	N/A	N/A	N/A	N/A	0	0.0
Los Alamitos	N/A	N/A	N/A	N/A	0	0.0
Newport-Mesa Unified	N/A	N/A	N/A	N/A	0	0.0
Orange Unified	19	27	24	23	93	0.3
Placentia-Yorba Linda	199	188	171	167	725	2.7
Saddleback Valley	42	43	39	42	166	0.6
Santa Ana Unified	654	740	705	632	2,731	10.1
Tustin Unified	34	35	35	42	146	0.5
H.S. TOTAL	1,712	2,108	2,565	2,623	9,008	33.2
OC TOTAL						27,119

Source: Abridged from California Department of Education Consolidated Report, 2016/17

Supplemental Tables: Economic Wellbeing

Indicator: SUPPLEMENTAL NUTRITION PROGRAMS

Number of Participants Served by the WIC Program, 2007/08 to 2016/17

Participants	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Number of participants*	117,188	104,622	100,434	103,563	98,219	92,303	87,408	78,856	71,367	61,406
Caseload Allocation**	106,883	107,668	105,621	111,051	105,417	104,075	106,909	102,726	90,331	83,127
Percent of Caseload Served	109.9	97.2	95.1	93.3	93.2	88.7	81.8	76.8	79.0	73.9

*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, 2007/08 to 2016/17

	2007/08	2008/09	2009/10	2010/11*	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Number of Recipients	88,284	109,491	150,141	185,489	213,919	230,964	247,517	258,676	263,556	232,689
Percent Change (from Prior Year)	7.5%	24.0%	37.1%	23.5%	15.3%	8.0%	7.2%	4.5%	1.9%	-11.7%
Recipients less than 18 on CalFresh	60,793	74,127	98,259	116,978	130,263	136,835	141,688	141,716	140,410	131,670
Percent Change (from Prior Year)	7.7%	21.9%	32.6%	19.1%	11.4%	5.0%	3.5%	0.02%	-0.92%	-6.2%
Percent of CalFresh that are Children	68.9%	67.7%	65.4%	63.1%	60.9%	59.2%	57.2%	54.8%	53.3%	56.6%
OC Population under 18	800,820	800,489	799,845	798,699	726,908	723,109	720,532	710,562	731,553	723,961

*California Department of Finance (DOF) county population estimates for children based on 2007 estimates were used through Fiscal Year 2010/2011. Estimates from 2013 were used thereafter.

Source: Orange County Social Services Agency

Supplemental Tables: Economic Wellbeing

CalFresh Recipients, by Age and City, January 2018

Cities and Communities	Age 0 -<6	Age 6-<13	Age 13-<18	TOTAL RECEIVING CalFresh	TOTAL Children	% of CalFresh Recipients <18
East						
Costa Mesa	1,089	1,590	852	3,531	7,020	50%
Newport Beach	79	131	105	315	1,335	24%
Santa Ana	9,395	13,616	7,341	30,352	50,879	60%
Tustin	944	1,473	886	3,303	5,805	57%
East Totals	11,507	16,810	9,184	37,501	65,039	58%
North						
Anaheim	8,098	10,862	6,009	24,969	44,928	56%
Brea	218	288	172	678	1,607	42%
Buena Park	1,199	1,587	901	3,687	7,429	50%
Fullerton	1,636	2,249	1,201	5,086	9,987	51%
La Habra	900	1,338	710	2,948	5,230	56%
La Palma	82	92	51	225	508	44%
Orange	1,757	2,386	1,219	5,362	9,632	56%
Placentia	606	924	493	2,023	3,694	55%
Villa Park	4	4	3	11	40	28%
Yorba Linda	185	239	149	573	1,484	39%
North Totals	14,685	19,969	10,908	45,562	84,539	54%
South						
Aliso Viejo	192	265	147	604	1,477	41%
Dana Point	158	196	100	454	1,148	40%
Irvine	775	1,113	742	2,630	6,830	39%
Laguna Beach	31	45	34	110	517	21%
Laguna Hills	248	345	186	779	1,784	44%
Laguna Niguel	262	364	188	814	1,760	46%
Laguna Woods	2	1	5	8	396	2%
Lake Forest	526	689	336	1,551	3,064	51%
Mission Viejo	357	459	283	1,099	2,630	42%
Rancho Santa Margarita	173	210	122	505	1,085	47%
San Clemente	296	433	228	957	2,136	45%
San Juan Capistrano	343	536	256	1,135	1,936	59%
South Totals	3,363	4,656	2,627	10,646	24,763	43%
West						
Cypress	407	515	300	1,222	2,737	45%
Fountain Valley	251	389	280	920	2,528	36%
Garden Grove	3,139	4,446	2,976	10,561	22,265	47%
Huntington Beach	1,250	1,674	981	3,905	9,662	40%
Los Alamitos	75	100	74	249	600	42%
Seal Beach	29	35	17	81	484	17%
Stanton	704	997	578	2,279	4,342	52%
Westminster	1,421	1,993	1,448	4,862	11,023	44%
West Totals	7,276	10,149	6,654	24,079	53,641	45%
Unincorporated Totals	288	431	316	1,035	2,349	44%
Out of County Totals	392	340	148	880	2,358	37%
Total all Orange County	37,511	52,355	29,837	119,703	232,689	51%

Note: The report also includes cash aided persons.

Source: MR0007E and MR0009E December 2017, Orange County Social Services Agency

Supplemental Tables: Economic Wellbeing

Indicator: **CHILD SUPPORT**

Number of Child Support Cases, Net and Per Case Collection, 2008/09 to 2017/18

Year	Total Number of Cases*	Total Net Collections (in Millions)	Per Case Collection
2008/09	103,598	\$180.3	\$ 1,741
2009/10	100,056	\$177.2	\$ 1,771
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

*Total number of cases is a 12-month average.
Source: Orange County Department of Child Support Services

Child Support Collections, 2008/09 to 2017/18

Year	Net Collections (in Millions)	Dollar Increase From Prior Year (in Millions)	Percent Difference From Prior Year
2008/09	\$180.3	\$0.7	0.4%
2009/10	\$177.2	-\$3.1	-1.7%
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%

Source: Orange County Department of Child Support Services

Child Support Collections Percent of Current Support Distributed (CSD), 2008/09 to 2017/18

Year	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
% CSD	53.0%	54.3%	59.0%	62.7%	64.8%	65.7%	66.7%	68.0%	68.0%	68.3%
Case Count	103,598	100,056	89,852	77,582	70,608	68,635	67,735	68,117	70,403	66,296

Source: Orange County Department of Child Support Services

Supplemental Tables: Economic Wellbeing

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*, 2008/09 to 2017/18

Licensed Family Child Care Homes**	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Infant Care	\$189	\$194	\$198	\$200	\$202	\$203	\$205	\$206	\$207	\$216
Preschool- 2 through 5 years of age	\$173	\$178	\$181	\$185	\$186	\$187	\$189	\$189	\$191	\$196
School-age - 6 through 13 years of age	\$155	\$159	\$160	\$164	\$166	\$166	\$168	\$169	\$170	\$174

Child Care Centers***	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Infant Care	\$252	\$257	\$263	\$250	\$264	\$261	\$270	\$275	\$278	\$288
Preschool- 2 through 5 years of age	\$158	\$162	\$169	\$172	\$178	\$185	\$191	\$194	\$195	\$200
School-age - 6 through 13 years of age	\$140	\$142	\$137	\$157	\$156	\$172	\$180	\$181	\$183	\$183
All Licensed Child Care Providers	\$175	\$182	\$182	\$188	\$192	\$196	\$200	\$202	\$204	\$210

*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, 2017/18

CENTERS	Infant (0-2)	Preschool (2-5)	School Age (6-12)
East County	\$ 265.29	\$ 185.04	\$ 164.30
West County	\$ 268.46	\$ 182.28	\$ 163.03
South County	\$ 312.74	\$ 233.63	\$ 223.47
North County	\$ 283.10	\$ 188.21	\$ 165.55
HOMES	Infant (0-2)	Preschool (2-5)	School Age (6-12)
East County	\$ 208.14	\$ 189.11	\$ 170.26
West County	\$ 205.37	\$ 189.30	\$ 173.35
South County	\$ 228.96	\$ 211.74	\$ 188.22
North County	\$ 213.75	\$ 188.73	\$ 166.26

*Cost of child care per week represents an average of the rates rate 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

Supplemental Tables: Economic Wellbeing

Birth to 13 Years of Age Child Care Centers (CCTR) Priorities Report, by Board of Supervisor (BOS) District, 2016

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, 2016

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



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, 2008/09 to 2017/18

	2008/09		2009/10		2010/11		2011/12		2012/13	
	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers	FCCH	Child Care Centers
Infant (0-2)	3,594	5,048	3,556	4,866	3,532	5,006	3,336	3,279	N/A	3,503
Preschool (2-5)	6,412	46,009	6,314	46,847	6,252	47,378	4,267	43,341	N/A	43,791
School Age (6-12)	3,594	20,272	3,556	50,590	3,532	51,221	2,766	20,864	N/A	13,801
Total	13,600	71,419	13,426	102,303	13,316	103,605	10,269	67,484	12,688	61,095
	2013/14		2014/15		2015/16		2016/17		2017/18	
	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	3,859	N/A	4,137	N/A	4,149	N/A	4,123	N/A	4,194
Preschool (2-5)	N/A	49,757	N/A	51,032	N/A	50,788	N/A	49,122	N/A	48,878
School Age (6-12)	N/A	15,317	N/A	16,030	N/A	15,867	N/A	15,712	N/A	15,280
Total	13,594	68,933	13,706	71,199	13,288	70,804	12,696	68,957	12,060	68,352

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, 2017/18

Reason Care is Needed	Number of Families that Called	Type of Care	# of Children
Employed	814	Full Time	2,969
Seeking Employment	40	Part Time*	377
School/Training	59	Daytime Hours	2,989
Other	378	Alternative Care Hours**	242

*** 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, 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
Elementary Districts										
Anaheim Elementary	19,278	19,312	19,095	19,312	19,126	19,308	19,164	18,852	18,558	17,911
Buena Park	5,574	5,395	5,296	5,345	5,349	5,226	4,985	4,869	4,837	4,684
Centralia	4,752	4,556	4,540	4,440	4,501	4,480	4,491	4,437	4,417	4,327
Cypress	4,082	4,007	3,950	3,916	3,879	3,916	3,990	3,942	3,969	3,957
Fountain Valley	6,145	6,315	6,312	6,317	6,344	6,337	6,305	6,371	6,387	6,362
Fullerton	13,458	13,616	13,661	13,656	13,830	13,822	13,678	13,520	13,363	13,307
Huntington Beach City	6,679	6,759	7,002	7,173	7,056	7,002	6,864	7,008	7,155	7,073
La Habra City	5,633	5,574	5,430	5,234	5,250	5,149	5,022	4,913	4,726	4,713
Magnolia	6,317	6,310	6,347	6,372	6,353	6,418	6,403	6,418	6,277	6,080
Ocean View	9,503	9,759	7,607	9,461	9,418	9,223	9,010	8,725	8,467	8,263
Savanna	2,473	2,463	2,323	2,363	2,398	2,433	2,392	2,397	2,331	2,272
Westminster	9,880	9,772	9,725	9,637	9,620	9,720	9,503	9,401	9,338	9,264
High School Districts										
Anaheim Union	33,719	33,187	33,156	32,704	32,085	31,889	31,659	31,276	30,964	30,729
Fullerton Joint	16,343	15,130	14,726	14,783	14,608	14,501	13,678	14,235	13,983	13,901
Huntington Beach Union	16,125	16,162	16,317	16,442	16,400	16,431	16,343	16,048	16,140	16,188
Unified Districts										
Brea-Olinda	5,944	5,950	5,927	5,960	5,972	5,973	5,977	5,856	5,909	5,951
Capistrano	52,661	53,381	53,192	53,170	53,785	58,833	54,036	53,878	53,613	53,622
Garden Grove	48,574	47,914	48,659	47,999	47,599	46,936	46,177	45,252	44,223	43,163
Irvine	26,522	26,822	27,258	28,179	29,072	30,123	31,392	32,319	33,381	34,617
Laguna Beach	2,947	2,920	3,037	3,034	3,045	3,005	3,074	3,029	3,025	2,929
Los Alamitos	9,475	9,582	9,640	9,714	9,912	9,922	9,914	9,948	9,904	9,833
Newport-Mesa	21,507	21,718	21,811	21,857	22,003	22,018	21,905	21,736	21,581	21,234
OC Dept of Education	8,204	7,717	7,607	7,602	7,184	6,050	5,306	5,037	6,485	6,539
Orange	30,170	30,210	30,373	30,136	29,854	29,750	29,473	28,899	28,522	27,915
Placentia/Yorba Linda	26,094	25,920	25,821	25,747	25,622	25,843	25,595	25,826	25,798	25,741
Saddleback Valley	32,936	32,387	31,724	30,885	30,355	29,731	29,028	28,706	27,803	27,378
Santa Ana	57,439	56,937	57,319	57,250	57,410	57,499	56,815	55,909	54,505	53,131
Tustin	21,682	22,454	23,093	23,507	23,771	23,949	24,059	24,079	24,130	24,015
Total	504,136	502,239	502,895	502,195	501,801	500,487	497,116	492,886	489,791	485,099

Source: California Department of Education

Supplemental Tables: Educational Achievement

Number and Percent of Total Public School K-12 Enrollment, by Race/Ethnicity, 2008/09 to 2017/18

Race/Ethnicity	2008/09		2009/10		2010/11		2011/12		2012/13	
	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	2,472	0.5	2,516	0.5	2,520	0.5	2,267	0.5	2,281	0.5
Asian	82,198	16.3	82,814	16.5	84,319	16.8	85,066	16.9	85,850	17.1
Black	8,484	1.7	8,241	1.6	8,129	1.6	7,988	1.6	7,660	1.5
Hispanic	225,500	44.7	235,778	46.9	237,831	47.3	241,473	48.1	242,613	48.3
Non-Hispanic White	165,374	32.8	159,533	31.8	156,875	31.2	151,947	30.3	148,089	29.5
Multiple or No Response	20,108	4	13,357	2.7	13,221	2.6	13,454	2.7	15,308	3.1
O.C. Total	504,136		502,239		502,895		502,195		501,801	

Race/Ethnicity	2013/14		2014/15		2015/16		2016/17		2017/18	
	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	2,121	0.4	1,784	0.4	1,502	0.3	1,313	0.3	972	0.2
Asian	86,464	17.3	88,007	17.7	88,843	18.0	78,154	15.9	91,337	18.8
Black	7,380	1.5	7,088	1.4	6,877	1.4	6,784	1.4	6,316	1.3
Hispanic	243,967	48.7	243,781	49	242,064	49.1	240,843	49.1	238,545	49.1
Non-Hispanic White	144,012	28.8	139,186	28	135,693	27.5	131,974	26.9	126,317	26.0
Multiple or No Response	16,543	3.3	17,270	3.5	18,051	3.7	19,512	4.0	21,863	4.5
O.C. Total	500,487		497,116		493,030		490,430		485,835	

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

Supplemental Tables: Educational Achievement

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.

Number and Percent of English Language Learners, 2008/09 to 2017/18

	2008/09		2009/10		2010/11		2011/12		2012/13	
Primary Languages	No.	%	No.	%	No.	%	No.	%	No.	%
Spanish	115,366	81.9	115,431	81.5	102,623	81.3	106,871	82.2	100,998	81.9
Vietnamese	12,042	8.5	12,430	8.8	11,746	9.3	10,960	8.4	10,221	8.3
Korean	4,122	2.9	4,011	2.8	3,237	2.6	3,191	2.5	2,936	2.4
Arabic	1,005	0.7	1,124	0.8	1,116	0.9	1,359	1.0	1,556	1.3
Filipino	1,234	0.9	1,144	0.9	1,087	0.9	1,139	0.9	1,090	0.9
All Other Languages*	7,118	5.1	7,465	5.3	6,417	6.3	6,556	5.0	6,489	5.3
Total	140,887		141,605		126,226		130,076		123,290	
	2013/14		2014/15		2015/16		2016/17		2017/18	
Primary Languages	No.	%	No.	%	No.	%	No.	%	No.	%
Spanish	106,022	81.2	103,706	80.2	97,911	79.6	93,808	78.6	88,644	77.8
Vietnamese	10,784	8.3	11,121	8.6	10,149	8.3	9,756	8.2	9,115	8.0
Korean	3,205	2.5	3,160	2.4	3,006	2.4	2,965	2.5	2,962	2.6
Arabic	1,772	1.4	2,026	1.6	2,133	1.7	2,308	1.9	2,279	2.0
Filipino	1,178	0.9	1,137	0.9	1,077	0.9	1,066	0.9	1,025	0.9
All Other Languages*	7,588	5.8	8,240	6.3	8,725	7.1	9,412	7.3	9,913	8.7
Total	130,570		129,390		123,001		119,315		113,938	

*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, 2008/09 to 2017/18

	2008/09		2009/10		2010/11		2011/12		2012/13	
School Districts	No.	%	No.	%	No.	%	No.	%	No.	%
Elementary Districts										
Anaheim Elementary	11,074	57.4	10,984	56.9	10,941	57.3	10,547	54.6	10,357	54.2
Buena Park	2,417	43.4	2,510	46.5	2,224	42.0	2,187	40.9	2,159	40.4
Centralia	1,548	32.6	1,622	35.5	1,502	33.1	1,481	33.4	1,424	31.6
Cypress	914	22.4	900	22.5	933	23.6	940	24.0	906	23.4
Fountain Valley	485	7.9	648	10.3	664	10.5	640	10.1	683	10.8
Fullerton	4,271	31.7	4,172	30.6	3,906	28.6	4,014	29.4	4,006	29.0
Huntington Beach City	471	7.1	494	7.3	-	-	421	5.9	402	5.7
La Habra City	2,263	40.2	2,233	40.1	-	-	2,048	38.9	1,928	36.7
Magnolia	3,435	54.4	3,698	58.6	3,399	53.6	3,136	49.2	3,147	49.5
Ocean View	2,109	22.2	2,288	23.4	2,083	21.8	2,196	23.2	2,181	23.2
Savanna	1,115	45.1	1,121	45.5	1,150	49.5	1,042	44.1	977	40.7
Westminster	4,972	27.9	5,312	54.4	4,996	51.4	4,776	49.6	4,579	47.6
High School Districts										
Anaheim Union	8,040	23.8	7,726	23.3	-	-	6,580	20.1	6,356	19.8
Fullerton Joint Union	2,270	13.9	2,472	16.3	2,049	13.9	1,969	13.3	1,635	11.2
Huntington Beach Union	1,632	10.1	1,680	10.4	1,462	9.0	1,366	8.3	1,255	7.7
Unified Districts										
Brea-Olinda	651	11.0	743	12.5	627	10.6	611	10.3	546	9.1
Capistrano	6,224	11.8	5,890	11.0	5,407	10.2	5,424	10.2	5,404	10.0
Garden Grove	22,465	46.2	21,603	45.1	21,093	43.3	20,221	42.1	18,831	39.6
Irvine	3,463	13.1	3,954	14.7	3,628	13.3	3,655	13.0	3,827	13.2
Laguna Beach	95	3.2	43	1.5	115	3.8	111	3.7	99	3.3
Los Alamitos	252	2.7	223	2.3	197	2.0	157	1.6	180	1.8
Newport-Mesa	5,693	26.5	5,883	27.1	5,387	24.7	5,242	24.0	5,101	23.2
OC Dept of Education	2,554	31.3	1,853	24.0	2,500	32.9	2,602	22.8	2,285	31.8
Orange	7,255	24.0	7,739	25.6	7,812	25.7	6,856	34.1	6,521	21.8
Placentia-Yorba Linda	3,606	13.8	3,890	15.0	3,256	12.6	3,170	12.3	3,063	12.0
Saddleback Valley	4,090	12.4	4,260	13.2	4,135	13.0	4,045	13.1	4,128	13.6
Santa Ana	32,202	56.1	31,819	55.9	31,379	54.7	29,382	51.3	26,226	45.7
Tustin	5,321	24.5	5,845	26.0	5,381	23.3	5,257	22.4	5,084	47.6
County Total	140,887	27.9	141,605	28.2	126,226	25.1	130,076	25.9	123,290	24.6
California Total	1,513,233	24.4	1,468,235	23.0	1,057,075	17.4	1,387,665	22.4	1,346,333	22.0

Source: Orange County Department of Education

Supplemental Tables: Educational Achievement

English Learners Number and Percent, by District, 2008/09 to 2017/18 (Continued)

School Districts	2013/14		2014/15		2015/16		2016/17		2017/18	
	No.	%	No.	%	No.	%	No.	%	No.	%
Elementary Districts										
Anaheim Elementary	11,254	58.0	11,540	60.2	11,353	60.2	10,807	58.2	10,284	57.4
Buena Park	2,288	44.0	2,187	43.9	2,091	42.9	1,915	39.6	1,792	38.3
Centralia	1,581	35.0	1,563	34.8	1,404	31.6	1,484	33.6	1,257	29.1
Cypress	820	21.0	704	17.6	533	13.5	598	15.1	648	16.4
Fountain Valley	782	12.0	810	12.8	881	13.8	882	13.8	825	13.0
Fullerton	4,098	30.0	4,083	29.9	3,906	28.9	3,770	28.2	3,573	26.9
Huntington Beach City	362	5.0	416	6.1	399	5.7	393	5.5	351	5.0
La Habra City	2,090	41.0	1,986	39.5	1,830	37.2	1,542	32.6	1,477	31.3
Magnolia	3,525	55.0	3,358	52.4	3,365	52.4	3,236	51.6	2,936	48.3
Ocean View	2,286	25.0	2,326	25.8	2,305	26.4	2,185	25.8	2,014	24.4
Savanna	1,047	43.0	994	41.6	1,045	43.6	980	42.0	912	40.1
Westminster	4,807	50.0	4,685	49.3	4,395	46.8	4,072	43.6	3,707	40.0
High School Districts										
Anaheim Union	6,866	22.0	6,658	21.0	6,461	20.7	6,555	21.2	6,611	21.5
Fullerton Joint Union	1,661	11.0	1,591	11.1	1,440	10.1	1,334	9.5	1,253	9.0
Huntington Beach Union	1,311	8.0	1,455	8.9	1,445	9.0	1,430	8.9	1,401	8.7
Unified Districts										
Brea-Olinda	638	0.5	716	12.0	735	12.6	576	9.7	573	9.6
Capistrano	5,403	4.1	5,276	9.8	5,204	9.7	5,076	9.5	5,045	9.4
Garden Grove	19,220	15.0	19,510	42.3	17,745	39.2	17,047	38.5	15,752	36.5
Irvine	4,744	4.0	5,323	17.0	5,676	17.6	6,330	19.0	6,884	19.9
Laguna Beach	115	0.1	131	4.3	125	4.1	132	4.4	106	3.6
Los Alamitos	243	0.2	262	2.6	232	2.3	214	9.5	213	2.2
Newport-Mesa	5,443	4.2	5,346	24.4	5,266	24.2	5,097	2.2	4,671	22.0
OC Dept of Education	1,943	1.5	1,466	27.6	1,209	24.0	1,478	23.6	1,377	21.1
Orange	7,204	5.5	7,185	24.4	6,928	24.0	6,790	22.8	6,607	23.7
Placentia-Yorba Linda	3,596	3.0	3,520	13.8	3,774	14.6	4,035	23.8	3,986	15.5
Saddleback Valley	4,576	4.0	4,641	16.0	4,775	16.6	4,792	15.6	4,752	17.4
Santa Ana	27,499	21.1	26,377	46.4	23,530	42.1	21,718	17.2	20,575	38.7
Tustin	5,209	4.0	5,266	21.9	4,931	20.5	4,626	39.8	4,109	17.1
County Total	130,570	26.0	129,390	26.0	123,001	24.9	119,315	24.3	113,938	23.5
California Total	1,413,549	22.7	1,392,263	22.3	1,373,724	22.4	1,332,405	21.4	1,271,150	20.4

*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, 2007/08 to 2016/17

School	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Elementary Districts										
Anaheim Elementary	8,820	8,928	8,399	7,527	8,091	7,862	8,299	9,312	11,030	12,135
Buena Park	8,824	8,305	8,034	7,278	7,566	7,470	8,047	9,270	10,905	11,656
Centralia	8,475	8,161	7,578	7,420	7,541	7,729	8,206	9,025	10,316	10,915
Cypress	8,101	7,718	7,395	6,801	7,000	7,302	7,378	7,922	8,993	9,716
Fountain Valley	7,716	7,593	6,981	6,755	6,895	6,741	6,949	7,672	8,363	8,893
Fullerton	7,851	7,949	7,290	7,084	7,403	7,165	7,696	8,440	9,467	10,119
Huntington Beach City	7,529	7,612	7,178	6,453	6,614	6,850	7,371	7,890	9,145	9,728
La Habra City	8,280	8,377	7,805	7,912	7,599	7,853	8,177	8,980	10,330	10,923
Magnolia	7,994	8,268	8,341	7,375	7,546	7,529	8,155	8,853	10,634	10,835
Ocean View	8,185	8,119	7,874	7,715	7,880	7,621	7,853	9,004	9,850	10,366
Savanna	8,225	8,154	7,809	7,682	7,716	7,586	7,726	8,254	9,919	10,920
Westminster	8,180	8,387	8,013	7,697	7,948	8,080	8,037	9,221	10,146	10,982
High School Districts										
Anaheim Union	8,336	8,506	8,168	8,425	8,783	8,678	8,936	9,966	11,004	11,585
Fullerton Joint Union	7,977	8,753	8,766	8,591	8,471	8,627	8,806	8,932	9,845	11,407
Huntington Beach Union	8,287	8,637	8,284	8,285	8,374	8,598	9,039	9,650	10,698	11,415
Unified Districts										
Brea-Olinda	7,617	7,684	7,271	7,136	7,442	7,254	7,343	8,082	7,536	9,556
Capistrano	7,694	7,614	7,246	7,228	7,469	7,002	7,419	8,042	7,361	9,675
Garden Grove	8,420	8,461	8,193	7,787	7,840	8,030	8,572	9,538	7,717	10,807
Irvine	7,906	7,893	7,606	7,562	7,700	7,577	7,845	8,522	7,789	10,395
Laguna Beach	12,246	12,783	13,773	13,670	13,945	13,702	14,580	15,823	11,235	18,516
Los Alamitos	7,266	7,388	6,878	6,727	6,978	7,198	7,770	8,411	7,120	9,945
Newport-Mesa	10,187	10,674	10,669	10,625	10,468	10,483	10,690	11,492	9,375	12,925
Orange	7,954	7,649	7,208	6,987	6,959	7,390	7,649	8,791	7,690	11,022
Placentia-Yorba Linda	7,949	8,040	7,826	7,914	7,846	7,715	7,926	8,673	7,485	10,365
Santa Ana	8,944	8,763	8,396	9,060	9,098	7,235	9,171	10,053	8,903	12,520
Saddleback Valley	7,562	7,652	7,472	6,830	6,984	9,049	7,409	8,687	7,302	10,012
Tustin	7,474	7,363	7,096	6,679	6,722	6,944	7,452	7,952	7,064	9,905

Source: Orange County Department of Education, 2016/17 Financial Report

Supplemental Tables: Educational Achievement

Average Expenditure Per Pupil, by District Level for Orange County and California, 2007/8 to 2016/17

District Level	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Elementary Average	8,182	8,131	7,725	7,308	7,483	7,482	7,825	8,653	9,925	10,599
High School Average	8,200	8,632	8,406	8,434	8,543	8,634	8,927	9,516	10,516	11,469
Unified District Average	8,435	8,497	8,303	8,184	8,288	8,298	8,652	9,505	10,535	11,304
Orange County (K-12) Average	8,224	8,267	7,955	7,827	7,952	7,950	8,274	9,128	9,105	10,926
California Average*	8,594	8,736	8,452	8,323	8,382	8,448	8,867	9,794	9,794	11,548

Source: Orange County Department of Education, 2016/17 Financial Report

Supplemental Tables: Educational Achievement

Indicator: **KINDERGARTEN READINESS**

Number and Percent of Children Developmentally Vulnerable on One or More Areas, by Community, 2018

City/CDP	Number	Physical Health and Well-being	Social Competence	Emotional Maturity	Language and Cognitive Development	Communication Skills and General Knowledge
Aliso Viejo	410	7.6%	9.3%	8.8%	7.1%	9.3%
Anaheim	3,816	10.5%	8.5%	8.0%	11.0%	11.2%
Brea	385	3.1%	5.2%	3.9%	7.3%	5.2%
Buena Park	726	11.6%	9.4%	9.3%	7.9%	8.5%
Costa Mesa	940	8.2%	7.1%	6.9%	8.1%	8.6%
Coto de Caza	51	2.0%	2.0%	3.9%	5.9%	5.9%
Cypress	503	2.4%	6.0%	5.6%	4.6%	5.0%
Dana Point	175	5.7%	5.1%	7.4%	8.6%	8.0%
Fountain Valley	464	5.0%	10.6%	8.2%	9.7%	10.6%
Fullerton	1,340	7.5%	8.1%	7.5%	7.8%	9.3%
Garden Grove	1,709	8.2%	10.5%	7.6%	12.1%	13.5%
Huntington Beach	1,531	5.2%	7.6%	6.6%	7.6%	7.4%
Irvine	2,456	5.0%	6.2%	5.9%	4.4%	7.1%
La Habra	573	7.9%	12.0%	10.8%	11.0%	14.3%
La Palma	120	9.2%	8.3%	7.5%	9.2%	11.7%
Ladera Ranch	334	2.1%	3.0%	2.7%	3.3%	3.0%
Laguna Beach	97	10.3%	12.4%	4.5%	10.3%	7.2%
Laguna Hills	184	4.3%	3.8%	4.4%	7.6%	10.9%
Laguna Niguel	417	5.3%	7.0%	7.0%	7.2%	7.0%
Lake Forest	663	7.2%	8.3%	7.0%	11.8%	9.7%
Los Alamitos	118	5.1%	7.6%	5.9%	0.8%	5.9%
Midway City	94	10.6%	14.9%	10.6%	12.8%	12.8%
Mission Viejo	708	3.5%	5.4%	5.4%	4.9%	4.7%
Newport Beach	445	6.1%	7.0%	7.7%	3.8%	4.9%
North Tustin	102	3.9%	4.9%	4.0%	2.0%	2.0%
Orange	1,348	8.2%	8.2%	6.3%	8.9%	9.3%
Placentia	506	6.5%	6.7%	5.8%	9.1%	9.3%
Rancho Mission Viejo	30	16.7%	3.3%	3.3%	0.0%	0.0%
Rancho Santa Margarita	446	7.4%	9.6%	8.2%	7.2%	8.5%
San Clemente	542	7.9%	5.7%	5.9%	7.7%	6.6%
San Juan Capistrano	295	5.1%	9.2%	9.2%	9.2%	9.2%
Santa Ana	3,940	10.4%	10.6%	8.8%	12.5%	12.8%
Seal Beach	70	4.3%	2.9%	14.3%	4.3%	5.7%
Stanton	341	7.9%	5.3%	5.4%	8.8%	11.7%

Supplemental Tables: Educational Achievement

Percent of Children Developmentally Vulnerable on One or More Areas, by Community, 2018 (Continued)

City/CDP	No.	Physical Health and Well-being	Social Competence	Emotional Maturity	Language and Cognitive Development	Communication Skills and General Knowledge
Trabuco Canyon	151	6.0%	8.6%	6.6%	4.0%	5.3%
Tustin	897	7.0%	7.8%	7.8%	9.3%	9.6%
Villa Park	41	19.5%	12.2%	12.2%	4.9%	9.8%
Westminster	752	7.7%	10.6%	8.2%	8.7%	9.9%
Yorba Linda	568	5.3%	5.5%	7.2%	3.9%	6.2%
Orange County	28,306	7.7%	8.3%	7.4%	8.8%	9.5%

Source: Early Development Index, 2018

Percent of Children Developmentally Vulnerable or At Risk on One or More Areas and On Track on all Areas, by Community, 2018

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	410	23.4%	25.6%	51.0%	2.4%
Anaheim	3,816	24.9%	27.0%	48.0%	5.2%
Brea	385	13.5%	26.8%	59.7%	2.1%
Buena Park	726	24.0%	23.3%	52.8%	5.0%
Costa Mesa	940	21.4%	25.0%	53.6%	2.9%
Coto de Caza	51	11.8%	21.6%	66.7%	2.0%
Cypress	503	12.5%	27.0%	60.4%	1.8%
Dana Point	175	20.0%	21.7%	58.3%	2.3%
Fountain Valley	464	23.3%	23.7%	53.0%	5.8%
Fullerton	1,340	19.7%	25.2%	55.1%	4.3%
Garden Grove	1,709	25.0%	27.2%	47.7%	5.5%
Huntington Beach	1,531	18.4%	23.7%	57.9%	3.7%
Irvine	2,456	16.0%	19.9%	64.1%	2.1%
La Habra	573	25.1%	29.0%	45.9%	6.6%
La Palma	120	20.0%	25.0%	55.0%	4.2%
Ladera Ranch	334	8.7%	15.3%	76.0%	0.9%
Laguna Beach	97	26.8%	27.8%	45.4%	4.1%
Laguna Hills	184	17.9%	32.6%	49.5%	2.2%
Laguna Niguel	417	16.1%	18.7%	65.2%	4.3%
Lake Forest	663	21.9%	19.0%	59.1%	3.8%
Los Alamitos	118	15.3%	16.9%	67.8%	0.8%
Midway City	94	36.2%	27.7%	36.2%	6.4%
Mission Viejo	708	14.4%	23.4%	62.1%	1.7%
Newport Beach	445	15.5%	24.0%	60.4%	2.2%
North Tustin	102	6.9%	16.7%	76.5%	1.0%

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, 2015 (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	1,348	22.3%	26.4%	51.3%	3.9%
Placentia	506	19.2%	24.3%	56.5%	4.2%
Rancho Mission Viejo	30	16.7%	20.0%	63.3%	0.0%
Rancho Santa Margarita	446	20.2%	27.6%	52.2%	4.3%
San Clemente	542	20.5%	26.0%	53.5%	3.1%
San Juan Capistrano	295	19.3%	26.1%	54.6%	4.7%
Santa Ana	3,940	27.3%	28.6%	44.1%	5.9%
Seal Beach	70	21.4%	30.0%	48.6%	1.4%
Stanton	341	21.7%	26.7%	51.6%	2.9%
Trabuco Canyon	151	17.2%	17.9%	64.9%	2.0%
Tustin	897	22.3%	28.0%	49.7%	3.3%
Villa Park	41	22.0%	26.8%	51.2%	4.9%
Westminster	752	24.7%	26.3%	48.9%	4.3%
Yorba Linda	568	16.0%	21.1%	62.9%	2.6%
Orange County	28,332	21.5%	25.2%	53.2%	4.1%

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, 2018

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, 2018

	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	24.6%	26.3%	49.1%
Currently in Kindergarten - Had TK Experience	14.6%	21.6%	63.8%
Not English Language Learner	17.7%	23.7%	58.6%
English Language Learner	27.2%	27.4%	45.4%
No Individual Education Plan (IEP)	19.6%	25.0%	55.5%
Has IEP	46.2%	28.6%	25.2%
Parent has Volunteered	14.8%	22.5%	62.7%
Parent has not Volunteered	26.3%	27.2%	46.5%
Receives Free/Reduced Price Lunch	28.6%	28.8%	42.6%
Does Not Receive Free/Reduced Price Lunch	15.3%	22.7%	62.0%
Hispanic, Latino/a	26.9%	28.1%	45.0%
White	16.0%	23.3%	60.8%
Asian	15.4%	20.1%	64.6%
Other	18.9%	24.7%	56.4%
All	21.5%	25.2%	53.2%

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, 2018

Supplemental Tables: Educational Achievement

Indicator: ACADEMIC PERFORMANCE, THIRD GRADE ENGLISH LANGUAGE ARTS AND MATHEMATICS

Number and Percent of 10th Grade Students Who Passed English Language Arts and Math, by School District, March 2015

	Math		English Language Arts	
	No. Tested	Passing %	No. Tested	Passing %
All students tested	38,156	90	37,727	89
Anaheim Union High	4,980	82	4,974	83
Brea-Olinda Unified	448	96	461	93
Capistrano Unified	3,874	93	3,888	94
Fullerton Joint Union High	3,352	90	3,356	90
Garden Grove Unified	3,540	88	3,544	86
Huntington Beach Unified High	3,739	93	3,749	92
Irvine Unified	2,207	97	2,215	95
Laguna Beach Unified	7	-	5	-
Los Alamitos Unified	797	97	807	97
Newport-Mesa Unified	1,717	89	1,730	89
OC Dept of Education	468	52	477	60
Orange County HS of the Arts	373	100	368	93
Orange Unified	2,266	89	2,273	90
Placentia-Yorba Linda Unified	2,046	92	2,049	92
Saddleback Valley Unified	2,437	92	2,440	92
Santa Ana Unified	3,470	85	3,481	81
Tustin Unified	1,919	93	1,921	92

Note: Data no longer updated as of 2015/16. Due to the change in academic standards, Senate Bill 172 (Liu) was signed by the Governor to suspend the administration of the CAHSEE and the requirement that students pass the CAHSEE to receive a high school diploma for the 2015–16, 2016–17, and 2017–18 school years.

*The California High School Exit Exam (CAHSEE) tests high school sophomores, juniors and seniors on proficiency in English and Mathematics. Students take both parts separately and only retake the parts they did not pass. A mean scale score is the statistical average of a group of scale scores. The CAHSEE provides scale scores for individual students and a mean or average scale score for groups of students. The exam is administered in March; schools with year-round tracks may test in March and May. Since June 2006, passing the CAHSEE is a requirement for graduation. Students are required to take the CAHSEE in 10th grade, and may take it up to five more times as a junior or senior if they have not passed. The State Board of Education has also determined that alternative means to demonstrate proficiency on the CAHSEE are feasible (July, 2010). **Scores based on 10 or fewer students to protect confidentiality.

Source: California Department of Education

Supplemental Tables: Educational Achievement

Indicator: **HIGH SCHOOL DROPOUT RATES**

Number and Percent of Grade 9-12 Cohort Dropouts, by District, 2009/10 to 2016/17

	2010/11		2011/12		2012/13		2013/14		2014/15		2015/16		2016/17	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Anaheim Union High	655	13.1	652	12.1	444	8.6	447	8.6	373	7.3	317	6.4	359	7.1
Brea-Olinda Unified	17	3.3	23	4.2	12	2.3	*	1.4	*	1.9	*	2.0	13	2.7
Capistrano Connections Academy									66	21.4	107	25.4	134	23.2
Capistrano Unified	76	1.8	71	1.8	62	1.6	73	1.9	57	1.4	57	1.4	41	1.0
Fullerton Joint Union High	397	10.5	221	5.9	151	4.3	125	3.5	105	3	101	3.0	90	2.7
Garden Grove Unified	384	9.8	389	10.1	353	9.1	292	8.0	233	6.2	212	6.2	295	8.3
Huntington Beach Union	160	4.2	103	2.7	105	2.8	90	2.3	98	2.5	87	2.4	100	2.7
Irvine Unified	26	1.2	41	1.8	53	2.4	55	2.6	67	2.8	35	1.5	63	2.7
Laguna Beach Unified	*	1.2	*	1.2	*	2.8	*	1.9	*	3.5	13	4.7	12	4.8
Los Alamitos Unified	20	2.4	24	2.8	12	1.4	*	1.1	*	0.7	*	0.8	*	
Magnolia Science Acad.									*	0.0	*	0.0	*	
Santa Ana														
Newport-Mesa Unified	78	4.5	62	3.5	65	3.8	68	4.1	74	4.3	66	3.8	95	5.3
Nova Academy									*	3.3	*	5.4	84	96.6
OCSA									*	1.4	*	1.7	*	
Opportunities for Learning – Capistrano									13	41.9	*	29.0	12	21.8
Orange Unified	160	6.8	127	5.1	105	4.4	120	5.2	111	4.8	68	3.1	130	5.7
Placentia-Yorba Linda Unified	114	5.1	120	5.4	60	2.9	81	3.8	60	2.8	122	5.7	52	2.4
Saddleback Valley Unified	94	3.4	68	2.5	63	2.4	66	2.5	62	2.5	54	2.3	66	2.7
Santa Ana Unified	507	13.4	387	10.5	360	9.6	310	8.2	223	6.2	150	4.3	160	4.7
Tustin Unified	42	2.6	67	4.2	30	1.8	36	2.1	20	1.1	28	1.5	20	1.0
County	4,021	10	3,911	9	3,049	7.3	2,750	6.7	2,311	5.7	2,145	5.4	2,185	5.3
California	74,101	15	65,249	13	56,711	11.4	56,756	11.5	52,249	10.7	48,118	9.8	45,052	9.1

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 Race/Ethnicity, 2009/10 to 2016/17

	2009/10		2010/11		2011/12		2012/13		2013/14	
Race/Ethnicity	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
	2014/15		2015/16		2016/17					
Race/Ethnicity	No.	%	No.	%	No.	%				
Asian	170	2.6	164	9.9	182	8.5				
White	478	3.7	478	3.8	436	3.5				
Hispanic	1,484	8.1	1,342	7.4	1,392	7.4				
Black	70	10.4	67	9.4	59	8.4				
American Indian	16	4.8	14	5.3	17	7.3				
Multiple or No Response	64	6.6	71	6.7	99	23.6				
County Total	2,311	5.7	2,145	5.4	2,185	5.3				

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

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.

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, 2010/11 to 2016/17

	2012/13		2013/2014		2014/15		2015/16		2016/17	
District Name	No.	%	No.	No.	%	No.	%	%	No.	%
Anaheim Union High	4,335	84.3	4,402	4,410	88.5	4,410	88.5	84.8	4,486	87.3
Brea-Olinda Unified	514	96.4	485	488	96.4	488	96.4	96.4	506	96.6
Capistrano Unified	3,812	97.2	177	3,877	97.1	3,877	97.1	67.3	3,914	96.6
Fullerton Joint Union High	3,232	91.9	3,354	3,141	94.4	3,141	94.4	93.4	3,467	94.5
Garden Grove Unified	3,452	89.2	3,267	3,162	92.1	3,162	92.1	89.7	3,772	91.8
Huntington Beach Union High	3,444	93.1	3,674	3,506	94.7	3,506	94.7	94.1	3,888	94.2
Irvine Unified	2,133	95.5	2,042	2,213	96.3	2,213	96.3	95.7	2,361	94.8
Laguna Beach Unified	244	96.1	255	259	93.8	259	93.8	97.7	230	95.7
Los Alamitos Unified	827	97.2	743	835	98.2	835	98.2	97.9	714	98.2
Newport-Mesa Unified	1,617	93.4	1,539	1,616	93.6	1,616	93.6	93.1	1,614	93.5
Orange Unified	2,254	93.9	2,148	2,142	96.4	2,142	96.4	92.7	2,151	93.6
Placentia-Yorba Linda Unified	1,927	93.2	1,997	1,988	92.4	1,988	92.4	93.9	2,012	95
Saddleback Valley Unified	2,529	95.3	2,449	2,293	95.7	2,293	95.7	94.7	2,316	95
Santa Ana Unified	3,237	85.9	3,320	3,214	91.6	3,214	91.6	87.4	3,212	88.9
Tustin Unified	1,625	96.8	1,698	1,782	97.6	1,782	97.6	97	1,769	98.1
Cohort Enrollment	41,539		41,126	39,820		39,820			40,872	
Orange County Total	36,363	87.5	36,429	36,162	90.8	36,162	90.8	88.6	36,770	90.0

Supplemental Tables: Educational Achievement

Percent of Graduates, by Race/Ethnicity, 2010/11 to 2016/17

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	
	No.	%	No.	%
American Indian	235	0.6	199	0.5
Asian	6,706	18.5	6,962	19.1
Hispanic	15,746	43.5	15,977	43.9
Black	604	1.7	596	1.6
White	11,791	32.6	11,433	31.4
Multiple or No Response	1,080	3.0	1,193	3.3
Orange County Total	36,162	100.0	36,360	100.0

Source: California Department of Education

Secondary Indicator: SAT REASONING TEST

Definition

The SAT Reasoning Test (formerly known as the SAT I: Reasoning Test) assesses a student's reasoning in Mathematics, Verbal and Writing Skills.¹ It is taken by college-bound juniors and seniors and is used by college admissions officers as one key factor to determine who will be admitted. The participation rate of seniors who took the SAT test is presented in order to assess the entire student body's college orientation.

Average Combined SAT Reasoning Test Scores* for Orange County, California and the United States, 2007/08 to 2015/17

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Orange County Combined	1598	1600	1621	1597	1588	1588	1567	1565	1560
California Combined	1500	1502	1521	1502	1492	1492	1487	1473	1455
United States Combined*	1511	1509	1509	1500	1498	1498	1497	1490	1484

* Figures reflect public and private schools' results combined.

Note: SAT Reasoning Test Scores are no longer reported as of 2016/17. It has been replaced by the percent of 12th grade students meeting ELA and Math Benchmarks.

Note: Increases in scores are due to the writing component added to the test in 2005/06.

Source: California Department of Education. The College Board (for U.S. numbers)

Percent of Highschool Students Meeting Benchmarks for ELA and Math for Orange County, California and the United States, 2016/17

	% Meeting ELA	% Meeting Math
Orange County Combined	79.69	61.97
California Combined	72.25	50.76

Sources: California Department of Education DataQuest

Supplemental Tables: Educational Achievement

Comparison of Lowest and Highest Free and Reduced-Price Lunch Program (FRL) with % of Students Meeting Benchmarks by District 2016/17

School District	% of Students Eligible in FRL Program	% of Students Meeting ELA Benchmarks	% of Students Meeting Math Benchmarks
Laguna Beach Unified	6.9%	96.88	82.81
Los Alamitos Unified	9.6%	90.70	74.22
Irvine Unified	15.1%	95.70	90.49
Anaheim Union	56.9%	74.53	52.29
Garden Grove	56.9%	76.27	54.6
Santa Ana Unified	84.3%	62.68	39.26

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

Percent of Highschool Students Meeting Benchmarks for ELA and Math, by District, for Orange County and California, 2016/17

District Name	Grade 12 Enrollment	Number Tested	Percent Meeting ELA Benchmarks	Percent Meeting Math Benchmarks
Anaheim Union	5,199	1,983	74.53%	52.29%
Brea-Olinda Unified	467	191	93.72%	76.96%
Capistrano Unified	4,524	1,961	92.96%	76.24%
Fullerton Joint Union	3,429	1,689	83.78%	69.33%
Garden Grove Unified	3,648	2,099	76.27%	54.60%
Huntington Beach Union	4,062	1,851	87.74%	75.42%
Irvine Unified	2,380	1,094	95.70%	90.49%
Laguna Beach Unified	246	64	96.88%	82.81%
Los Alamitos Unified	835	516	90.70%	74.22%
Newport-Mesa Unified	1,802	616	86.85%	63.64%
Orange Unified	2,263	1,921	60.54%	40.19%
Orange County Department of Ed	1,034	88	63.64%	46.59%
Placentia-Yorba Linda Unified	2,129	1,032	90.31%	76.84%
Saddleback Valley Unified	2,435	1,048	93.13%	76.91%
Santa Ana Unified	3,950	1,913	62.68%	39.26%
Tustin Unified	1,962	1,563	69.42%	50.67%
Total Orange County	40,379	19,640	79.69%	61.97%
Total California	484,169	221,433	72.25%	50.76%

Source: California Department of Education

Supplemental Tables: Educational Achievement

Indicator: COLLEGE READINESS

Number of High School Graduates with UC/CSU Required Courses, by School District, 2007/08 to 2016/17

School District	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Anaheim Union High	1,279	1,383	1,764	1,615	1,681	1,534	1,785	1,754	1,752	1,825
Brea-Olinda Unified	278	282	214	267	272	290	268	274	250	249
Capistrano Unified	1,517	1,712	1,729	2,015	2,003	2,127	2,130	2,299	2,289	2,338
Fullerton Joint Union High	1,142	1,081	991	1,326	1,372	1,581	1,780	1,716	1,730	1,767
Garden Grove Unified	965	1,126	1,387	1,720	1,739	1,814	1,821	1,860	1,643	1,849
Huntington Beach Union	1,905	1,877	1,569	1,654	1,666	1,824	2,047	2,316	2,096	1,668
Irvine Unified	1,329	1,155	1,260	1,265	1,263	1,391	1,266	1,558	1,489	1,550
Laguna Beach Unified	156	166	156	154	167	242	182	160	174	182
Los Alamitos Unified	395	220	450	504	491	514	498	484	600	607
Newport-Mesa Unified	621	648	794	823	854	857	853	937	971,	996
Orange Unified	780	716	562	779	891	864	853	722	915	1,012
Placentia-Yorba Linda Unified	816	797	762	885	894	955	1,005	1,068	1,047	1,090
Saddleback Valley Unified	1,063	1,179	1,107	1,159	1,181	1,139	1,202	1,198	1,186	1,239
Santa Ana Unified	802	979	578	1,166	1,255	1,495	1,694	1,765	1,777	1,806
Tustin Unified	527	599	592	671	749	887	935	1,032	1,056	1,185
Orange County Total	13,575	13,920	13,915	16,003	16,478	17,514	18,319	19,147	18,986	19,425

Supplemental Tables: Educational Achievement

Number and Percent of High School Graduates with UC/CSU Required Courses, by Race/Ethnicity, 2007/08 to 2016/17

	2007/08		2008/09		2009/10		2010/11		2011/12	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	177	48	157	42.8	120	33.3	123	36.5	143	40.9
Asian	3,947	29.1	4,063	29.2	4,044	30.8	4,549	28.4	4,724	28.7
Hispanic	2,335	22.1	2,896	23.8	2,731	19.8	3,927	26.7	4,222	27.1
Black	148	24	180	27.4	189	27.4	204	31	211	29.7
White	6,655	45.3	6,457	45.2	5,769	40.8	6,876	49.2	6,810	50.4
Multiple or No Response	313	36.9	122	40.9	240	48.2	324	44.8	368	46.7
Orange County Total	13,575	40.7	13,920	40.3	13,142	36.2	16,003	43	16,478	43.3
State Total	127,594	33.9	135,370	35.3	82,083	39.7	164,598	40.3	160,494	38.3
	2012/13		2013/14		2014/15		2015/16		2016/17	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
American Indian	160	44.8	163	45.8	170	53.1	132	55.0	69	32.9
Asian	4,871	28	5,198	28.4	4,758	77.3	4,432	77.1	5,355	62.8
Hispanic	15,761	30.6	5,385	33.6	5,617	34.1	5,863	35.6	6,267	38.0
Black	228	36.1	252	38.4	215	36.1	240	38.5	235	38.3
White	6,948	53.4	6,880	55	7,211	57.9	7,041	59.0	6,810	58.1
Multiple Race	444	54.8	369	54.2	452	56.0	559	55.8	611	56.7
Orange County Total	17,514	46.6	18,319	48.9	19,147	50.4	18,986	51.1	19,425	52.0
State Total	166,521	39.4	176,688	41.9	185,179	43.4	194,698	45.4	200,911	46.8

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, for Orange County and California, 2008 to 2017

Type of Disability	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Specific Learning Disability	17,190	16,527	15,715	15,635	15,565	14,514	15,436	15,602	16,164	16,703
Speech/Language Impairment	15,531	15,210	14,888	14,544	14,198	13,927	14,132	14,039	13,727	13,825
Intellectual Disability	2,741	2,716	2,797	2,808	2,868	2,210	2,927	2,827	2,810	2,770
Orthopedic Impairment	1,153	1,194	1,177	1,147	1,089	1,246	940	864	755	685
Multiple Disabilities	446	423	439	447	420	349	441	530	573	617
Other Health Impairment	4,831	5,029	5,167	5,391	5,628	5,663	6,329	6,767	7,328	7,844
Deaf	315	310	303	281	277	199	208	197	169	165
Emotional Disturbance	1,381	1,376	1,447	1,402	1,369	1,246	1,382	1,405	1,439	1,504
Visual Impairment	336	331	306	299	291	223	233	197	192	179
Hard of Hearing	775	822	851	895	863	810	793	785	792	786
Deaf-Blind	9	13	14	14	12	0	0	197	0	0
Autistic	6,629	7,294	7,960	8,614	9,207	8,998	9,869	10,076	10,235	10,511
Traumatic Brain Injury	149	149	144	136	118	67	54	26	47	35
No Category	0	0	0	0	0	0	0	0	0	0
K-12 OC Special Education*	51,486	51,394	51,208	51,613	51,905	52,216	53,005	53,512	54,231	55,908
K-12 OC Total Enrollment	504,136	497,291	502,903	502,195	501,801	500,487	497,116	493,030	490,430	485,835
Percent OC Special Education to Regular Enrollment	10.20%	10.30%	10.20%	10.30%	10.30%	10.40%	10.70%	10.90%	11.05%	11.51%
K-12 State Special Education Enrollment*	678,105	680,164	678,929	686,352	695,173	705,308	717,961	734,422	754,337	774,665
K-12 State Total Enrollment (million)	6.252	6.189	6.217	6.214	6.227	6.237	6.312	6.226	6.228	6.220
Percent State Special Education to Regular Enrollment	10.80%	11.10%	10.90%	11.00%	11.20%	11.30%	11.50%	11.80%	12.10%	12.45%

*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 2017

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

Supplemental Tables: Educational Achievement

Number of Students Receiving Special Education Services, by Age and Type of Disability, 2008 to 2017 (Continued)

Type of Disability	2016			2017		
	0 to 5	6 to 12	13 to 18	0 to 5	6 to 12	13 to 18
Intellectual Disability	196	1,025	1,093	198	960	1,109
Hard of Hearing	216	305	271	230	306	250
Deaf	0	101	68	*	87	78
Speech or Language Impairment	4,127	8,317	1,283	4,185	8,433	1,207
Visual Impairment	0	88	104	0	88	91
Emotional Disturbance	0	447	974	0	486	1,005
Orthopedic Impairment	89	301	285	81	269	266
Other Health Impairment	332	3,418	3,501	357	3,664	3,760
Specific Learning Disability	13	7,696	8,380	14	7,909	8,702
Deaf-Blindness	0	0	0	0	0	0
Multiple Disability	72	250	175	76	260	199
Autism	1,843	5,026	2,924	1,926	5,097	3,042
Traumatic Brain Injury	0	12	35	0	11	24
Total	6,888	26,974	19,058	7,067	27,570	19,733

*Denotes values under 11

Source: California Department of Education DataQuest

SAFE HOMES AND COMMUNITIES INDICATORS



Supplemental Tables: Safe Homes and Communities

Secondary Indicator: **CHILD MORTALITY**

Overall Death Rate Per 100,000 Children and Youth 1 to 19 Years of Age, 2007-2016

Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1-4 Years	18.5	18.7	8.9	21.9	16.2	15.6	15.0	15.0	13.0	15.0
5-9 Years	11	8.7	6	7.0	6.0	7.4	6.9	7.9	8.0	11.5
10-14 Years	8.5	13.3	2.4	9.5	9.0	12.0	10.0	7.2	4.8	9.1
15-19 Years	37.6	36	8.1	31.1	6.5	26.4	24.5	25.0	22.0	28.7
1-19 Years	18.9	19.4	19.9	17.5	15.8	15.8	14.4	14.1	12.2	16.7

Source: Orange County Master Death File and California Department of Finance

Number of Deaths and Rate Per 100,000 Population for Persons 0 to 19 Years of Age from Unintentional Injury Homicide and Suicide, 2007-2016

	2007		2008		2009		2010		2011	
Cause of Death	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Unintentional Injury	57	6.7	52	6.1	44	5.3	33	4	39	4.7
Homicide	10	1.2	19	2.2	21	2.5	13	1.6	15	1.8
Suicide	8	0.9	10	1.2	12	1.4	19	2.3	12	1.4
	2012		2013		2014		2015		2016	
Cause of Death	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Unintentional Injury	34	4.1	49	5.9	94	4.7	30	3.6	32	3.9
Homicide	12	1.4	7	0.8	9	1.1	10	1.2	12	1.4
Suicide	12	1.4	8	1.0	11	1.3	14	1.7	16	1.9

Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Homes 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, 2007-2016

AGE AND GENDER	UNINTENTIONAL INJURY									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
< 15 Years	3.0	4.5	3.0	2.5	2.8	2.5	3.3	3.0	3.0	1.5
15-19 Years	17.6	17.5	17.6	8.0	9.5	8.1	12.5	9.1	5.2	10.0
Males	10.3	7.6	7.1	5.7	4.4	4.9	6.5	6.3	5.4	5.2
Females	2.9	4.6	3.5	2.2	4.9	3.2	5.2	3.0	1.7	2.5
AGE AND GENDER	HOMICIDE									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
< 15 Years	0.3*	1.3	2.1	0.7*	0.8	0.5*	0.2*	0.2*	.5	0.2*
15-19 Years	3.7	5.0	3.6	4.0	4.3	3.8	2.6	3.4	3.0	4.8
Males	1.8	3.5	2.8	2.4	3.3	2.6	1.6	1.4	2.3	2.6
Females	0.5*	1.0*	2.2	0.7*	0.2*	0.2*	0.0	0.7*	0.0	0.2*
AGE AND GENDER	SUICIDE									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
< 15 Years	0.0	0.2*	0.3	0.3*	0.2*	0.2*	0.3*	0.2*	0.2*	0.3*
15-19 Years	3.7	4.1	4.5	7.5	4.7	4.7	2.6	4.3	5.6	6.1
Males	1.6	2.3	1.6	3.3	1.9	1.9	1.6	1.9	1.9	3.3
Females	0.2*	0.0	1.2	1.2	1.0*	1.0*	0.2*	0.7*	1.5	0.5*

* 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 2017

Source: Orange County Health Care Agency Public Health Services

Supplemental Tables: Safe Homes and Communities

Death Rate Per 100,000 Persons 0-19 Years of Age, by Race/Ethnicity and Cause, 2007-2016

RACE / ETHNICITY	UNINTENTIONAL INJURY									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Asian/PI	9.0	4.8	5.8	3.1*	2.3*	3.1*	5.3	1.5*	3.0*	3.8
Black	8.3*	8.4*	8.9*	9.1*	0.0	9.1*	18.3*	27.7*	9.4*	9.5*
Hispanic	5.5	4.7	3.9	3.1	3.9	3.3	5.3	5.6	3.6	4.3
White	8.0	9.2	7.5	6.0	7.5	5.7	7.3	4.7	4.3	3.6
RACE / ETHNICITY	HOMICIDE									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Asian/PI	0.0	4.0*	0.8*	0.0	2.3*	0.0	0.0	0.8*	0.0	2.3*
Black	0.0	8.0*	8.9*	0.0	0.0	0.0	0.0	0.0	9.4*	0.0
Hispanic	2.3	3.4	3.9	3.1	2.6	3.1	1.8	1.5	2.3	1.8
White	0.3*	0.0	1.4*	0.4*	0.7*	0.0	0.0	0.8*	0.0	0.8*
RACE / ETHNICITY	SUICIDE									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Asian/PI	2.4*	1.6*	0.8*	1.5*	2.3*	2.3	0.0	0.8*	1.5*	3.0*
Black	0.0	0.0	0.0	0.0	18.1*	9.1*	0.0	0.0	0.0	0.0
Hispanic	0.0	1.0*	1.0*	2.4	0.5*	0.5*	0.8*	1.0*	2.0	1.3
White	1.7	1.4*	2.5	3.0	1.9	2.3*	1.9	2.3	1.6*	2.8

* 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 2017. Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Homes and Communities

Secondary Indicator: **UNINTENTIONAL INJURY DEATHS**

Number and Rate per 100,000 Persons of Unintentional Injury Deaths, by Age Group, 2007-2016

	2007		2008		2009		2010		2011	
Age Group	#	Rate	#	Rate	#	#	#	Rate	#	Rate
< 15 Years of Age	19	3.0	29	4.5	19	3.0	15	2.5	17	2.8
15-19 Years of Age	38	17.6	37	17.5	38	17.6	18	8.0	22	9.5
TOTAL	57	6.7	66	7.7	57	6.7	33	4.0	39	4.7
	2012		2013		2014		2015		2016	
Age Group	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	15	2.5	20	3.3	18	3.0	18	3.0	9	1.5
15-19 Years of Age	19	8.1	29	12.5	21	9.0	12	5.2	23	10.0
TOTAL	34	4.1	49	5.9	39	4.7	30	3.6	32	3.9

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, 2007-2016

	2007		2008		2009		2010		2011	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	45	10.3	33	7.6	30	7.1	24	5.7	19	4.4
Female	12	2.9	19	4.6	14	3.5	9	2.2	20	4.9
TOTAL	57	6.7	52	6.1	44	5.3	33	4.0	39	4.7
	2012		2013		2014		2015		2016	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	21	4.9	28	6.5	27	6.3	23	5.4	22	5.2
Female	13	3.2	21	5.2	12	3.0	7	1.7	10	2.5
TOTAL	34	4.1	49	5.9	39	4.7	30	3.6	32	3.9

* 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 2017. 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 Homes and Communities

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Unintentional Injury Deaths, by Cause, 2007-2016

	2007		2008		2009		2010		2011	
Cause	#	Rate	#	Rate	#	#	#	Rate	#	Rate
Motor Vehicle**	32	3.8	31	3.7	21	2.5	13	1.6	19	2.3
Drowning	8	0.9	8	.9	3	0.4*	2	0.2*	1	0.1*
Other	17	2.0	13	1.5	20	2.4	18	2.2	19	2.3
TOTAL	57	6.7	52	6.1	44	5.3	33	4.0	39	4.7
	2012		2013		2014		2015		2016	
Cause	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Motor Vehicle**	12	1.4	27	3.2	27	3.2	16	1.9	21	2.5
Drowning	9	1.1	7	0.8	5	0.6	5	0.6	3	0.4*
Other	13	1.6	15	1.8	7	0.8	9	1.1	8	1.0
TOTAL	34	4.1	49	5.9	39	4.7	30	3.6	32	3.9

*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 2017. 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, 2007-2016

	2007		2008		2009		2010		2011	
Ethnicity	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	24	8.0	27	9.2	21	7.5	16	6.0	20	7.5
Black	1	8.3*	1	8.4*	1	8.9*	1	9.1*	0	0.0
Hispanic	21	5.5	18	4.7	15	3.9	12	3.1	15	3.9
Asian/Pacific Islander	11	9.0	6	4.8	7	5.8	4	3.1*	3	2.3*
TOTAL	57	6.7	52	6.1	44	5.3	33	4.0	39	4.7
	2012		2013		2014		2015		2016	
Ethnicity	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	15	5.7	19	7.3	12	4.7	11	4.3	9	3.6
Black	1	9.1*	2	18.3*	3	27.7*	1	9.4*	1	9.5*
Hispanic	13	3.3	21	5.3	22	5.6	14	3.6	17	4.3
Asian/Pacific Islander	4	3.1*	7	5.3	2	1.5*	4	3.0*	5	3.8
TOTAL	34	4.1	49	5.9	39	4.7	30	3.6	32	3.9

** 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 2017. Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Homes and Communities

Secondary Indicator: **HOMICIDE DEATHS/LEGAL INTERVENTIONS**

Number and Rate per 100,000 Persons of Homicide Deaths, by Age Group, 2007-2016

	2007		2008		2009		2010		2011	
Age Group	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	2	0.3*	8	1.3	13	2.1	4	0.7*	5	0.8
15-19 Years of Age	8	3.7	11	5.0	8	3.6	9	4.0	10	4.3
TOTAL	10	1.2	19	2.2	21	2.5	13	1.6	5	0.8
	2012		2013		2014		2015		2016	
Age Group	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	3	0.5*	1	0.2*	1	0.2*	3	0.5	1	0.2*
15-19 Years of Age	9	3.8	6	2.6	8	3.4	7	3.0	11	4.8

*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, 2007-2016

	2007		2008		2009		2010		2011	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	8	1.8	15	3.5	12	2.8	10	2.4	14	3.3
Female	2	0.5*	4	1.0*	9	2.2	3	0.7*	1	0.2*
TOTAL	10	1.2	19	2.2	21	2.5	13	1.6	15	1.8
	2012		2013		2014		2015		2016	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	11	2.6	7	1.7	6	1.5	10	2.3	11	2.6
Female	1	0.3*	0	0.0	3	0.8*	0	0.0	1	0.2*
TOTAL	12	1.5	7	0.9	9	1.1	10	1.2	12	1.4

*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 Homes and Communities

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Homicide Deaths, by Race/Ethnicity, 2007-2016

	2007		2008		2009		2010		2011	
Ethnicity	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	1	0.3*	0	0.0	4	1.4*	1	0.4*	2	0.7*
Black	0	0.0	1	8.4*	1	8.9*	0	0.0	0	0.0
Hispanic	9	2.3	13	3.4	15	3.9	12	3.1	10	2.6
Asian/Pacific Islander	0	0.0	2	1.6*	1	0.8*	0	0.0	3	2.3*
TOTAL	10	1.2	19	2.2	21	2.5	13	1.6	15	1.8
	2012		2013		2014		2015		2016	
Ethnicity	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	0	0.0	0	0.0	2	0.8*	0	0.0	2	0.8*
Black	0	0.0	0	0.0	0	0.0	1	9.4*	0	0.0
Hispanic	12	3.1	7	1.8	6	1.5	9	2.3	7	1.8
Asian/Pacific Islander	0	0.0	0	0.0	1	0.8*	0	0.0	3	2.3*
TOTAL	12	1.4	7	0.9	9	1.1	10	1.2	12	1.4

*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 2017. 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, 2007-2016

DEATHS	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
% Homicide	13.3	23.5	27.3	20.0	22.7	20.7	10.9	15.3	18.5	20.0

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, 2007-2016

AREA	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Orange County	1.2	2.2	2.5	1.6	1.8	1.4	0.8	1.1	1.2	1.4
California	4.6	4.5	4.4	3.8	3.6	3.3	2.8	2.4	2.7	2.4

*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 2017. Source: Orange County Health Care Agency, Public Health Services

Supplemental Tables: Safe Homes and Communities

Secondary Indicator: **SUICIDE DEATHS**

Number and Rate per 100,000 Persons of Suicide Deaths, by Age Group, 2007-2016

	2007		2008		2009		2010		2011	
Age Group	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	0	0.0	1	0.2*	0	0.0	2	0.3*	1	0.2*
15-19 Years of Age	8	3.7	12	5.7	8	3.7	17	7.5	11	4.7
TOTAL	8	0.9	13	1.5	8	0.9	19	2.3	12	1.4
	2012		2013		2014		2015		2016	
Age Group	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
< 15 Years of Age	1	0.2*	2	0.3*	1	0.2*	1	0.2*	2	0.3*
15-19 Years of Age	11	4.7	6	2.6	10	4.3	13	5.6	14	6.1
TOTAL	12	1.4	8	1.0	11	1.3	14	1.7	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, 2007-2016

	2007		2008		2009		2010		2011	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	7	1.6	10	2.3	7	1.6	14	3.3	8	1.9
Female	1	0.2*	0	0.0	5	1.2	5	1.2	4	1.0*
TOTAL	8	0.9	10	1.2	12	1.4	19	2.3	12	1.5
	2012		2013		2014		2015		2016	
Gender	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Male	8	1.9	7	1.6	8	1.9	8	1.9	14	3.3
Female	4	1.0*	1	0.2*	3	0.7*	6	1.5	2	0.5*
TOTAL	12	1.5	8	1.0	11	1.3	14	1.7	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 Homes and Communities

Number and Rate per 100,000 Persons 0 to 19 Years of Age for Suicide Deaths, by Race and Ethnicity, 2007-2016

Ethnicity	2007		2008		2009		2010		2011	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	5	1.7	9	2.9	5	1.7	8	3.0	5	1.9
Black	0	0.0	0	0.0	0	0.0	0	0.0	2	18.1*
Hispanic	0	0.0	1	0.3*	0	0.0	9	2.4	2	0.5*
Asian/PI	3	2.4*	3	2.5*	3	2.4*	2	1.5*	3	2.3*
TOTAL	8	0.9	13	1.5	8	0.9	19	2.3	12	1.4
Ethnicity	2012		2013		2014		2015		2016	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
White	6	2.3	5	1.9	6	2.3	4	1.6*	7	2.8
Black	1	9.1*	0	0.0	0	0.0	0	0.0	0	0.0
Hispanic	2	0.5*	3	0.8*	4	1.0*	8	2.0*	5	1.3
Asian/PI	3	2.3*	0	0.0	1	0.8*	2	1.5*	4	3.0*
TOTAL	12	1.4	8	1.0	11	1.3	14	1.7	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 2017. Source: Orange County Health Care Agency, Public Health Services

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2007-2016

2007 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	2.5*	10	6.2	4	1.9*	4	1.8*	38	17.6	57	6.7
Cancer	2	5.0*	6	3.7	8	3.8	7	3.1	10	4.6	33	3.9
Congenital Anomalies	55	136.2	1	0.6*	0	0.0	2	0.9*	0	0.0	58	6.8
Homicide	1	2.5*	1	0.6*	0	0.0	0	0.0	8	3.7	10	1.2
Suicide	0	0.0	0	0.0	0	0.0	0	0.0	8	3.7	8	0.9
SIDS	3	7.4*	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Short Gestation and Low Birth Weight	16	39.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the Heart	2	5.0*	0	0.0	1	0.5*	2	0.9*	2	0.9*	7	0.8
Cerebrovascular	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5*	1	0.1*
Neonatal Hemorrhage	6	14.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	101	250.2	12	7.4	10	4.8	4	1.8	14	6.5	166	19.5
Total Deaths	187	463.2	30	18.5	23	11.0	19	8.5	81	37.6	340	40.0
Age Group Population	40,367		162,577		209,282		222,734		215,558		850,518	

Supplemental Tables: Safe Homes and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2007-2016 (continued)

2008 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	7.5*	14	8.7	0	0.0	5	2.3	30	13.7	52	6.1
Cancer	1	2.5*	4	2.5*	7	3.4	10	4.6	10	4.6	32	3.8
Congenital Anomalies	64	159.0	4	2.5*	0	0.0	2	0.9*	3	1.4*	73	8.6
Homicide	2	5.0*	2	1.2*	2	1.0*	2	0.9*	11	5.0	19	2.2
Suicide	0	0.0	0	0.0	0	0.0	1	0.5*	9	4.1	10	1.2
SIDS	4	9.9*	0	0.0	0	0.0	0	0.0	0	0.0	4	0.5*
Short Gestation and Low Birth Weight	14	34.8	0	0.0	0	0.0	0	0.0	0	0.0	14	1.7
Diseases of the Heart	9	22.4	1	0.6*	1	0.5*	1	0.5*	3	1.4*	15	1.8
Cerebrovascular	0	0.0	0	0.0	1	0.5*	0	0.0	1	0.5*	2	0.2*
Neonatal Hemorrhage	5	12.4	0	0.0	0	0.0	0	0.0	0	0.0	5	0.6
Other	100	248.4	5	3.1	7	3.4	8	3.7	12	5.5	132	15.6
Total Deaths	202	501.9	30	18.7	18	8.7	29	13.3	79	36.0	358	42.3
Age Group Population	40,250		160,738		206,586		218,622		219,703		845,899	
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 Homes and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2007-2016 (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 Homes and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2007-2016 (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 Homes and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2007-2016 (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 Homes and Communities

Total Number and Rate per 100,000 Population of Leading Causes of Death, by Age Group, 2007-2016 (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	

*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 2017. Source: Orange County Health Care Agency Family Health Division

Supplemental Tables: Safe Homes and Communities

Secondary Indicator: **CHILD AND YOUTH DEATHS**

Manner of Death, Children Less than 18 Years of Age, 2017

Manner	No.	% of Child of Deaths Reviewed, by Manner	Type of Death	No.	% of Child of Deaths Reviewed	% of Manner
Natural	25	50.0%				
			Congenital	4	8.0%	16.0%
			Diseases/ Conditions	21	42.0%	84.0%
			SIDS	0	0.0%	0.0%
Unintentional Injury	15	30.0%				
			Asphyxia	1	2.0%	6.7%
			Drowning	4	8.0%	26.7%
			Overdose	1	2.0%	6.7%
			Vehicular	9	18.0%	60.0%
Homicide	2	4.0%				
			Gunshot	1	2.0%	50.0%
			Fall	1	2.0%	50.0%
Suicide	8	16.0%				
			Asphyxia	4	8.0%	50.0%
			Gunshot	4	8.0%	50.0%
Total				50	100.0%	

Source: 2017 Orange County Child Death Review Team (CDRT). Orange County CDRT examined deaths of children who resided in Orange County reported to the Coroner in 2017. The age range for child death is defined as live birth through 17 years. CDRT does not examine all deaths.

Supplemental Tables: Safe Homes 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, 2007-2016

	2007		2008		2009		2010		2011	
AGE	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0-4	5	35	6	35	2	36	3	28	2	48
5-9	2	34	0	47	3	49	1	40	3	48
10-14	1	78	5	62	3	51	2	58	1	59
15-19	24	269	20	226	13	192	7	159	13	160
TOTAL	32	416	31	370	21	328	13	285	19	315
	2012		2013		2014		2015		2016	
AGE	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0-4	1	24	1	4	1	22	3	N/A	3	N/A
5-9	1	48	4	21	2	26	4	N/A	2	N/A
10-14	1	58	3	37	8	32	2	N/A	2	N/A
15-19	9	141	19	138	16	160	7	N/A	14	N/A
TOTAL	12	271	27	236	27	240	16	N/A	21	N/A

* Includes motor vehicle versus bicycle and pedestrian.
<http://epicenter.cdph.ca.gov/ReportMenus/DataSummaries.aspx>

Supplemental Tables: Safe Homes and Communities

Secondary Indicator: **CHILDREN AND GUNS**

Number of Gun-Related Incidents with Children 0 to 19 Years of Age, by Type of Incident, 2007-2016

YEAR	NON-FATAL*				FATAL			
	Assault	Self-Inflicted	Accidental	Total Injured by Guns	Homicide	Suicide	Accidental	Total Killed by Guns
2007	34	0	3	37	8	0	0	8
2008	39	0	9	48	12	2	0	14
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	N/A	N/A	N/A	N/A	7	4	0	11
2016	N/A	N/A	N/A	N/A	7	6	0	13

*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

Supplemental Tables: Safe Homes and Communities

Indicator: **SUBSTANTIATED CHILD ABUSE ALLEGATIONS**

Counts of Children with One or More Reports, by Age and Disposition, 2017

Age-Class	Disposition									
	Substantiated		Inconclusive		Unfounded		Assessment Only		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
<1 Year	591	12.8%	321	6.6%	438	4.4%	256	4.3%	1,810	5.7%
1-2 Years	624	13.5%	576	11.8%	794	8.0%	338	5.6%	2,697	8.5%
3-5 Years	795	17.2%	873	17.9%	1,503	15.2%	743	12.4%	4,607	14.5%
6-10 Years	1,293	27.9%	1,410	28.9%	3,235	32.7%	1,767	29.5%	9,506	30.0%
11-15 Years	983	21.2%	1,256	25.7%	2,905	29.3%	1,942	32.4%	9,267	29.2%
16-17 Years	342	7.4%	451	9.2%	1,023	10.3%	945	15.8%	3,796	12.0%
Total	4,628	100.0%	4,887	100.0%	9,898	100.0%	5,991	100.0%	31,683	100.0%

Notes: Total count and percent calculations do not include disposition "not yet determined"

Source: CWS/CMS 2017 Quarter 4 Extract. Webster, D., Armijo, M., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Rezvani, G., Eyre, M., Sandoval, A., Yee, H., Xiong, B., Benton, C., White, J., & Cotto, H. (2018). CCWIP reports. Retrieved 5/1/2018, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <http://cssr.berkeley.edu/ucb_childwelfare>

Substantiated Child Abuse Allegations, by Percent for Children Under 18 Years, by Type of Abuse, 2008-2017

Type of Abuse	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Sexual Abuse	10.8%	10.3%	8.1%	6.6%	5.4%	5.7%	6.1%	6.4%	5.0%	5.1%
Physical Abuse	7.5%	6.9%	6.7%	6.6%	6.5%	6.0%	5.5%	4.8%	4.60%	3.8%
Severe Neglect	2.2%	2.2%	2.5%	1.9%	2.8%	2.9%	3.3%	4.5%	4.40%	5.2%
General Neglect	65.0%	66.6%	70.2%	70.9%	72.8%	72.2%	71.6%	70.9%	71.6%	71.0%
Exploitation	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	0.8%
Emotional Abuse	0.2%	0.1%	0.3%	0.2%	0.1%	0.1%	0.2%	0.2%	0.3%	0.3%
Caretaker Absence/Incapacity	1.8%	1.6%	1.8%	1.6%	2.2%	1.7%	2.1%	1.9%	3.0%	2.5%
At Risk Sibling Abused	10.5%	11.5%	10.4%	12.1%	10.1%	11.4%	11.2%	11.3%	10.5%	11.3%
Substantial Risk	1.9%	0.8%	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%	100.0%

Note: A child is counted only once in category of highest severity.

Percent calculations do not include "missing"

Source: CWS/CMS 2017 Quarter 4 Extract. Webster, D., Armijo, M., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Rezvani, G., Eyre, M., Sandoval, A., Yee, H., Xiong, B., Benton, C., White, J., & Cotto, H. (2017). CCWIP reports. Retrieved 5/1/2018, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <http://cssr.berkeley.edu/ucb_childwelfare>

Supplemental Tables: Safe Homes and Communities

Total Number of Children with One or More Child Abuse Allegations and Substantiated Allegations, 2008-2017

Age Group	Child Abuse Allegations #	Substantiated Allegations #	Substantiated Rate per 1000	Age Group	Child Abuse Allegations #	Substantiated Allegations #	Substantiated Rate per 1000
2008				2009			
Under 1	1,911	792	19.7	Under 1	1,739	729	19.6
1-5 Years	7,910	2,533	12.6	1-5 Years	7,729	2,480	12.6
6-10 Years	8,028	2,215	10.6	6-10 Years	7,235	2,006	9.9
11-15 Years	7,900	2,039	9.2	11-15 Years	7,301	1,919	9.0
16-17 Years	3,280	915	10.3	16-17 Years	2,940	796	8.8
Total	29,029	8,494	11.2	Total	26,944	7,930	10.7
2010				2011			
Under 1	1,666	683	18.4	Under 1	1,516	604	15.8
1-5 Years	7,671	2,416	12.4	1-5 Years	7,088	2,293	11.8
6-10 Years	7,495	1,909	9.5	6-10 Years	6,775	1,877	9.3
11-15 Years	7,237	1,671	7.9	11-15 Years	6,642	1,585	7.4
16-17 Years	2,882	685	7.9	16-17 Years	2,537	475	5.5
Total	26,951	7,364	10.1	Total	24,558	6,834	9.3
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

Supplemental Tables: Safe Homes and Communities

Total Number of Children with One or More Child Abuse Allegations and Substantiated Allegations, 2008-2017 (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
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
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

Population Data Source: CA Department of Finance

Source: CWS/CMS 2017 Quarter 4 Extract. Webster, D., Armijo, M., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Rezvani, G., Eyre, M., Sandoval, A., Yee, H., Xiong, B., Benton, C., White, J., & Cotto, H. (2017). CCWIP reports. Retrieved 5/1/2017, from University of California at Berkeley California Child Welfare Indicators Project website. URL: http://cssr.berkeley.edu/ucb_childwelfare

Source: Orange County Social Services Agency

Supplemental Tables: Safe Homes and Communities

Secondary Indicator: **CHILD ABUSE – DEPENDENCY PETITIONS**

Number and Percent of Dependency Petitions Filed, 2007/08 to 2016/17

	2007/08		2008/09		2009/10		2010/11		2011/12	
	No.	%	No.	%	No.	%	No.	%	No.	%
Petitions Filed	2,294	6	1,955	5	1,874	4.9	1,617	4.5	1,436	4.2
	2012/13		2013/14		2014/15		2015/16		2016/17	
	No.	%	No.	%	No.	%	No.	%	No.	%
Petitions Filed	1,357	3.7	1,282	2.9	1,162	2.5	1,341	2.6	1,431	2.9

Note: The percentages are based on the number of child abuse reports

Source: Orange County Social Services Agency

Percent of "Recurrence of Maltreatment" in 12- month Time Period for children with a Substantiated Child Abuse Allegation Orange County and California, 2006/07 to 2015/16

	2006/07	2007/08	2008/09	2009/10	2010/11
Orange County	8.8%	8.5%	7.6%	7.2%	8.5%
California	10.1%	9.9%	10.0%	10.5%	10.1%
	2011/12	2012/13	2013/14	2014/15	2015/16
Orange County	7.5%	7.6%	7.4%	9.1%	7.9%
California	10.1%	10.5%	10.2%	9.7%	9.0%

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: Source: CWS/CMS 2017 Quarter 4 Extract. Webster, D., Armijo, M., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Rezvani, G., Eyre, M., Sandoval, A., Yee, H., Xiong, B., Benton, C., White, J., & Cotto, H. (2017). CCWIP reports. Retrieved 5/1/2018, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <http://cssr.berkeley.edu/ucb_childwelfare>

Supplemental Tables: Safe Homes and Communities

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, 2007/08 to 2016/17

Month	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
July	3,566	3,622	3,235	2,704	2,805	2,835	2,816	2,874	2,627	2,708
August	3,601	3,561	3,167	2,848	2,827	2,868	2,832	2,881	2,581	2,730
September	3,668	3,514	3,153	2,810	2,786	2,828	2,757	2,891	2,597	2,734
October	3,626	3,458	3,125	2,803	2,757	2,810	2,769	2,881	2,608	2,756
November	3,690	3,452	3,119	2,835	2,734	2,838	2,762	2,812	2,587	2,720
December	3,788	3,446	3,081	2,843	2,752	2,880	2,808	2,835	2,626	2,766
January	3,723	3,451	3,056	2,838	2,729	2,914	2,622	2,781	2,631	2,808
February	3,701	3,468	3,023	2,810	2,738	2,889	2,626	2,765	2,641	2,807
March	3,718	3,421	3,005	2,764	2,834	2,879	2,580	2,768	2,679	2,780
April	3,764	3,379	2,910	2,749	2,855	2,885	2,536	2,731	2,650	2,774
May	3,731	3,368	2,885	2,740	2,869	2,857	2,543	2,681	2,642	2,777
June	3,669	3,297	2,840	2,794	2,807	2,859	2,547	2,686	2,651	2,789
Average	3,687	3,453	3,050	2,795	2,791	2,862	2,683	2,799	2,627	2,762

Source: Orange County Social Services Agency

Supplemental Tables: Safe Homes and Communities

Percent of Children by Race/Ethnicity in Out-of-Home Care, April 2009 to April 2018

Race/Ethnicity	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
White	31	33	34	34	34	33	33	37	36	32
Hispanic	57	55	55	57	58	58	58	52	53	55
Black	8	7	6	5	5	5	5	6	4	6
Asian	4	5	5	4	3	4	4	4	7	4
Other	0.5	1	0	0	0	0	0	0.6	1	1

Source: Orange County Social Services Agency

Wraparound Referrals by Agency and Year, 2007/08 to 2016/17

Referral Agency	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Social Services	295	173	203	172	208	178	172	175	212	244
Probation	138	247	241	202	163	180	213	245	215	262
Health Care	90	96	72	27	27	23	22	24	21	24
Total	523	516	516	401	398	381	407	444	448	530

Source: Orange County Social Services Agency

Average Monthly Number of Children in Out-of-Home Care, 2007/08 to 2016/17

Year	Dependents of the Court	Out-of-Home Care
2007/08	3,687	2,668
2008/09	3,453	2,466
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

Source: Orange County Social Services Agency

Supplemental Tables: Safe Homes 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 2009-April 2018

Annual Point-in-Time Comparison	2009		2010		2011		2012		2013		2014	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Relative/Guardian	1,377	52%	1,220	52%	1,241	54%	1,320	60%	1,344	60%	1,309	58%
Foster Family Homes	249	9%	243	10%	245	11%	197	9%	171	8%	196	9%
Foster Family Agency Certified Homes	629	24%	568	24%	449	20%	398	18%	346	15%	311	14%
Group Homes	169	6%	136	6%	150	7%	89	4%	96	4%	81	4%
Orangewood Family Center	68	3%	78	3%	98	4%	56	3%	46	2%	72	3%
Other	163	6%	122	5%	111	5%	150	7%	246	11%	298	13%
Total	2,655	100%	2,367	100%	2,294	100%	2,210	100%	2,249	100%	2,267	100%
Annual Point-in-Time Comparison	2015		2016		2017		2018		10 Year Average			
	No.	%	No.	%	No.	%	No.	%	No.	%		
Relative/Guardian	1,183	56%	1,149	54%	1,123*	52%	1,167^	54%	1,243	55%		
Foster Family Homes/Resource Family*	197	9%	237	11%	361*	17%	314**	14%	241	11%		
Foster Family Agency Certified Homes	305	14%	284	13%	277	13%	284	13%	385	17%		
Group Homes	72	3%	72	3%	80	4%	71***	3%	102	4%		
Orangewood Family Center	51	2%	73	3%	55	3%	60	3%	66	3%		
Other	318	15%	307	14%	269	12%	281	13%	227	10%		
Total	2,126	100%	2,122	100%	2,165	100%	2,177	100%	2,277	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: Orange County Social Services Agency

Supplemental Tables: Safe Homes and Communities

Children and Family Services – Out-Of-Home Placements by Age and City of Placement, April 2018

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	5	0	*	*	*	0	0	0	0	0	0	0	0	0	0
Anaheim	73	73	40	14	15	13	7	6	16	0	0	0	11	7	24
Brea	*	*	*	0	0	0	0	*	0	0	0	0	*	*	*
Buena Park	11	8	9	14	*	*	*	*	*	0	0	*	0	0	9
Costa Mesa	16	8	7	5	0	*	0	0	6	0	15	5	*	*	*
Cypress	*	7	*	7	*	*	0	0	*	0	0	0	0	*	5
Dana Point	*	*	*	0	0	0	0	0	*	0	0	0	0	0	*
Fountain Valley	*	7	6	6	*	*	*	0	0	0	*	0	*	0	0
Fullerton	7	9	*	8	*	5	*	7	20	0	0	*	*	*	9
Garden Grove	33	18	17	8	5	7	*	0	0	0	0	0	*	*	7
Huntington Beach	23	11	15	10	5	6	*	0	0	0	0	0	*	*	11
Irvine	11	*	*	5	*	*	*	0	*	0	0	0	0	*	*
La Habra	9	*	*	7	*	*	*	*	*	0	0	0	0	0	*
La Palma	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	0	*	0	*
Laguna Niguel	7	*	*	*	0	*	0	0	*	0	0	0	*	0	0
Laguna Woods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Forest	9	7	*	*	*	*	6	*	*	0	0	0	*	*	6
Los Alamitos	*	0	0	0	0	0	*	0	0	0	0	*	0	*	*
Mission Viejo	5	5	*	6	*	*	*	*	*	0	0	0	*	*	*
Newport Beach	5	*	6	0	0	0	0	*	0	0	0	0	0	0	0
Orange	24	9	18	9	*	*	8	7	6	(7)+ 0	(24) + 0	(29) + 25	5	*	23
Placentia	*	*	6	*	*	*	*	0	0	0	*	8	*	0	0
Rancho Santa Margarita	*	0	0	*	*	*	*	0	0	0	0	0	*	0	0
San Clemente	*	*	*	0	*	*	0	*	0	0	0	0	*	*	0
San Juan Capistrano	0	*	0	0	*	0	*	0	0	0	0	0	*	0	*
Santa Ana	62	43	20	7	10	6	10	*	14	0	0	7	9	5	35
Seal Beach	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0
Stanton	*	*	*	5	*	*	0	0	0	0	0	0	0	0	*
Tustin	10	8	*	*	*	0	*	0	15	6	*	15	*	*	8
Unincorporated	*	5	*	*	*	0	*	0	0	0	0	0	*	*	0
Villa Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westminster	9	6	5	0	0	0	*	0	0	0	0	0	*	*	*
Yorba Linda	*	0	*	*	0	*	6	0	0	0	0	0	0	0	*
Los Angeles County	41	28	15	5	6	0	5	*	8	0	0	*	7	*	16
Riverside County	38	26	21	12	6	6	8	10	21	0	*	9	15	5	9

Note: Parentheses indicate the number of children placed at Orangewood Children and Family Center (OCFC)

Supplemental Tables: Safe Homes and Communities

Children and Family Services – Out-Of-Home Placements, by Age and City of Placement, April 2018 (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	25	16	7	0	*	*	0	*	*	0	0	0	*	*	5
San Diego County	5	*	*	0	*	0	0	*	*	0	0	*	*	*	5
Non-Adjacent County or Out of State	21	24	11	5	*	0	0	*	*	0	*	0	*	*	20
TOTALS	481	345	246	159	86	76	81	56	128	13	47	81	87	52	214

CITIES AND COMMUNITIES	TOTAL COMMUNITY (#)				TOTAL COMMUNITY (%)			
	0 - <6	6 - <13	13 +	TOTAL	0 - <6	6 - <13	13 +	TOTAL
Aliso Viejo	7	*	*	10	0.3%	0.0%	0.1%	0.5%
Anaheim	105	101	93	299	4.8%	4.6%	4.3%	13.7%
Brea	*	6	*	13	0.2%	0.3%	0.1%	0.6%
Buena Park	28	14	26	68	1.3%	0.6%	1.2%	3.1%
Costa Mesa	24	26	25	75	1.1%	1.2%	1.1%	3.4%
Cypress	9	9	11	29	0.4%	0.4%	0.5%	1.3%
Dana Point	*	*	7	13	0.1%	0.1%	0.3%	0.6%
Fountain Valley	10	10	10	30	0.5%	0.5%	0.5%	1.4%
Fullerton	22	20	39	81	1.0%	0.9%	1.8%	3.7%
Garden Grove	46	26	31	103	2.1%	1.2%	1.4%	4.7%
Huntington Beach	36	19	32	87	1.7%	0.9%	1.5%	4.0%
Irvine	20	9	9	38	0.9%	0.4%	0.4%	1.7%
La Habra	18	6	10	34	0.8%	0.3%	0.5%	1.6%
La Palma	0	*	*	3	0.0%	0.0%	0.1%	0.1%
Laguna Beach	*	*	*	5	0.0%	0.0%	0.1%	0.2%
Laguna Hills	9	0	*	10	0.4%	0.0%	0.0%	0.5%
Laguna Niguel	14	*	*	19	0.6%	0.1%	0.1%	0.9%
Laguna Woods	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Lake Forest	19	14	9	42	0.9%	0.6%	0.4%	1.9%
Los Alamitos	*	*	*	5	0.1%	0.0%	0.1%	0.2%
Mission Viejo	16	11	9	36	0.7%	0.5%	0.4%	1.7%
Newport Beach	5	*	6	14	0.2%	0.1%	0.3%	0.6%
Orange	53	45	102	200	2.4%	2.1%	4.7%	9.2%
Placentia	10	8	16	34	0.5%	0.4%	0.7%	1.6%
Rancho Santa Margarita	6	*	*	9	0.3%	0.0%	0.1%	0.4%
San Clemente	6	6	*	15	0.3%	0.3%	0.1%	0.7%
San Juan Capistrano	*	5	*	9	0.1%	0.2%	0.0%	0.4%

Supplemental Tables: Safe Homes and Communities

Children and Family Services – Out-Of-Home Placements, by Age and City of Placement, April 2018 continued

CITIES AND COMMUNITIES	TOTAL COMMUNITY (#)				TOTAL COMMUNITY (%)			
	0 - <6	6 - <13	13 +	TOTAL	0 - <6	6 - <13	13 +	TOTAL
Santa Ana	88	62	82	232	4.0%	2.8%	3.8%	10.7%
Seal Beach	*	0	0	2	0.1%	0.0%	0.0%	0.1%
Stanton	6	*	7	16	0.3%	0.1%	0.3%	0.7%
Tustin	21	14	41	76	1.0%	0.6%	1.9%	3.5%
Unincorporated	12	9	*	24	0.6%	0.4%	0.1%	1.1%
Villa Park	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Westminster	11	8	6	25	0.5%	0.4%	0.3%	1.1%
Yorba Linda	11	0	5	16	0.5%	0.0%	0.2%	0.7%
Los Angeles County	58	38	42	138	2.7%	1.7%	1.9%	6.3%
Riverside County	73	49	66	188	3.4%	2.3%	3.0%	8.6%
San Bernardino	27	21	16	64	1.2%	1.0%	0.7%	2.9%
San Diego County	7	6	12	25	0.3%	0.3%	0.6%	1.1%
Non-Adjacent County or Out of State	29	28	33	90	1.3%	1.3%	1.5%	4.1%
TOTALS	821	586	770	2,177	37.7%	26.9%	35.4%	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, 2007/08 to 2016/17

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Orange County	5.03	5.50	5.21	4.44	3.81	3.53	3.55	4.02	4.99	4.31
California	5.02	4.88	4.74	4.44	4.33	4.02	3.98	3.95	3.90	3.73

Source: Child Welfare Services Reports for California. University of California Berkeley Center for Social Services Research

Source: CWS/CMS 2016 Quarter 4 Extract. Webster, D., Armijo, M., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Rezvani, G., Eyre, M., Sandoval, A., Yee, H., Xiong, B., Benton, C., White, J., & Cotto, H. (2017). CCWIP reports. Retrieved 5/1/2017, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <http://cssr.berkeley.edu/ucb_childwelfare>

Supplemental Tables: Safe Homes 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, 2006/07 to 2015/16

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
	%	%	%	%	%	%	%	%	%	%
Reunification Within 12 Months										
Orange County	38.1%	37.5%	41.1%	42.9%	33.9%	34.1%	26.4%	29.8%	32.3%	37.2%
California	39.5%	41.8%	41.4%	41.5%	40.0%	37.6%	35.7%	35.7%	35.0%	34.8%
No Reentry Following Reunification*										
Orange County	5.5%	4.3%	7.0%	8.4%	5.2%	4.1%	6.2%	9.1%	10.4%	*
California	11.7%	12.1%	12.3%	11.8%	11.9%	12.0%	11.6%	11.4%	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: Source: CWS/CMS 2017 Quarter 4 Extract. Webster, D., Armijo, M., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Rezvani, G., Eyre, M., Sandoval, A., Yee, H., Xiong, B., Benton, C., White, J., & Cotto, H. (2017). CCWIP reports. Retrieved 5/1/2018, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <http://cssr.berkeley.edu/ucb_childwelfare>

Secondary Indicator: **ADOPTIONS**

Definition

Adoption is a legal process that permanently gives parental rights and responsibilities to adoptive parents. The Social Services Agency (SSA) provides public adoption services to children who are dependents of the Juvenile Court and are receiving out-of-home foster care services. Adoption Within 12 Months (Legally Free) is a measure of foster care children who were legally free for adoption during the year who were subsequently discharged to a finalized adoption within 12 months. Adoption Within 24 Months (Exit Cohort) is a measure of foster care children who were discharged to a finalized adoption during the year who achieved adoption within 24 months.

Percent with Finalized Adoptions within 12 and 24 Months, Orange County and California, 2005/06 to 2014/15

Adoptions 12 Months of being Legally Free										
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15*
Orange County	42.5	39.3	32.8	36.3	33.3	35.1	36.7	34.4	38.7	34.6
California	30.0	32.6	29.8	29.8	29.9	33.5	35.7	36.1	39.4	38.0
Adoptions 24 month (Exit Cohort)										
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15*
Orange County	66.8	61.3	55.1	50.5	56.1	71.2	66.5	57.3	59.7	68.8
California	56.0	53.0	55.9	56.5	61.8	64.8	62.8	64.3	61.7	62.6

*This is no longer a federal measure and consequently no longer publicly available as of 2015/16.

Source: Orange County SSA Children and Family Services.

Supplemental Tables: Safe Homes 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 Homes and Communities

Youth Who Received Independent Living Services, 2009/10 to 2014/15

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15
Number of youth (where about known) who exited foster care after emancipating or turning age 18 or 19 while in foster care:	122	99	61	29	41	60
Percent of these youth who:						
Completed High School or Equivalency	52%	51%	66%	48%	51%	57%
Obtained Employment	30%	28%	34%	10%	20%	40%
Have Housing Arrangements	85%	89%	82%	72%	71%	78%
Received ILP Services	88%	82%	90%	83%	93%	77%
Permanency Connection with an Adult	75%	70%	66%	34%	44%	38%

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 Homes and Communities

Indicator: **JUVENILE ARRESTS**

Orange County Juvenile Arrests 10 to 17 Years Old, 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007 to 2016
A. Overview											
Felony Arrests	4,090	4,087	4,131	3,671	2,875	2,284	1,866	1,659	1,178	1,195	-70.8%
Misdemeanor Arrests	9,060	8,812	8,593	8,223	6,216	5,030	3,902	3,534	2,832	2,581	-71.5%
Arrest for Status Offenses	1,838	2,015	1,617	1,591	1,706	1,252	1,124	1,387	819	745	-59.5%
Total Juvenile Arrests	14,988	14,914	14,341	13,485	10,797	8,566	6,892	6,580	4,829	4,521	-69.8%
B. Juvenile Felony Arrest Trends											
Homicide	26	19	13	10	13	6	3	3	0	9	-65.4%
Forcible Rape	10	6	10	11	15	8	11	17	16	22	120.0%
Robbery	252	284	289	273	218	179	132	113	128	134	-46.8%
Assault	416	513	512	395	306	257	223	237	206	218	-47.6%
Kidnapping	5	2	8	1	10	6	2	3	3	3	-40.0%
Total Violent Crimes	709	824	832	690	562	456	371	373	353	386	-45.6%
Burglary	1,036	1,081	1,081	936	758	602	437	356	157	153	-85.2%
Theft	490	412	446	412	275	219	182	136	106	86	-82.4%
Auto Theft	158	169	141	109	101	91	63	36	71	74	-53.2%
Forgery	29	14	10	21	11	7	3	6	3	5	-82.8%
Arson	35	40	26	14	10	17	10	11	8	9	-74.3%
Total Property Offenses	1,751	1,719	1,704	1,492	1,155	936	695	545	345	327	-81.3%
Drug Offenses	413	435	467	572	480	331	349	324	113	120	-70.9%
Sex Offenses	93	88	107	107	96	60	73	55	51	38	-59.1%
Other Offenses	691	609	589	479	307	284	206	205	174	162	-76.6%
Weapons	425	410	424	325	269	210	168	155	140	160	-62.4%
Others	11	5	8	6	6	7	4	2	2	2	-81.8%
C. Juvenile Misdemeanor Arrest Trends											
Assault & Battery	1,045	1,094	1,085	1,039	870	707	594	570	507	437	-58.2%
Vandalism	1,064	972	1,039	892	740	529	404	322	281	220	-79.3%
Weapons	151	131	107	122	108	104	92	97	117	130	-13.9%
Drunk	154	174	165	176	130	104	102	78	59	43	-72.1%
Liquor Laws	661	673	682	613	566	443	357	366	204	138	-79.1%
Marijuana and Other Drugs	1,480	1,483	1,655	1,619	620	610	542	497	483	523	-64.7%
Trespassing	187	260	194	199	171	165	93	112	108	92	-50.8%
Total California Juvenile Arrests	236,105	228,527	204,294	185,506	149,273	120,352	96,718	86,636	71,792	62,646	-73.5%

Source: California Department of Justice

Supplemental Tables: Safe Homes and Communities

Juvenile Arrests by City Youth 10 to 17 Years Old, 2007 to 2016

CITY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ALISO VIEJO	106	187	178	141	93	95	107	91	44	18
ANAHEIM	1,623	1,792	1,781	1,434	917	693	628	566	438	420
BREA	293	297	289	269	292	141	86	95	80	92
BUENA PARK	421	424	394	337	243	197	153	212	141	84
COSTA MESA	589	543	467	328	249	206	181	132	143	144
CYPRESS	99	44	36	62	57	58	38	17	14	14
DANA POINT	158	174	182	191	114	86	54	64	36	53
FOUNTAIN VALLEY	314	392	351	284	249	178	187	167	120	97
FULLERTON	888	704	609	523	422	384	422	382	225	263
GARDEN GROVE	1,107	1,027	1,035	1,007	799	778	602	515	447	366
HUNTINGTON BEACH	1,028	867	699	769	654	656	345	279	211	125
IRVINE	871	583	612	612	463	295	191	168	136	131
LA HABRA	525	534	548	437	335	294	209	187	148	114
LA PALMA	43	64	33	38	29	24	20	9	7	8
LAGUNA BEACH	74	80	93	82	65	61	50	81	48	46
LAGUNA HILLS	94	132	135	112	89	121	82	52	26	36
LAGUNA NIGUEL	119	145	127	98	71	41	14	29	20	15
LAGUNA WOODS	1	2	2	-	3	-	-	1	-	-
LAKE FOREST	207	299	289	281	209	205	155	102	88	122
LOS ALAMITOS	113	55	52	36	29	19	25	10	7	11
MISSION VIEJO	344	373	382	387	293	226	136	118	82	119
NEWPORT BEACH	708	600	542	535	461	369	337	208	194	163
ORANGE	1,440	1,474	1,138	1,250	1,000	684	490	502	280	293
PLACENTIA	315	261	313	359	263	182	224	222	118	83
RANCHO SANTA MARGARITA	153	151	125	143	164	86	51	39	23	41
SAN CLEMENTE	109	114	160	139	158	128	110	89	53	64
SAN JUAN CAPISTRANO	92	189	209	195	124	92	58	129	60	62
SANTA ANA	1,719	1,832	1,938	1,820	1,621	1,314	1,112	970	881	907
SEAL BEACH	36	34	64	40	30	20	13	10	10	15
STANTON	120	130	115	147	108	49	44	36	19	13
TUSTIN	343	343	262	352	222	182	139	120	94	99
VILLA PARK	18	39	57	34	24	20	19	17	9	6
WESTMINSTER	392	379	408	375	255	213	171	129	124	66
YORBA LINDA *	174	149	129	132	120	68	-	1	-	1
OC SHERIFF'S *	252	410	473	430	476	331	385	787	472	396
OTHER	100	91	114	106	96	70	54	44	31	34
TOTAL	14,988	14,914	14,341	13,485	10,797	8,566	6,892	6,580	4,829	4,521

** 2013 thru 2015 figures for OC Sheriffs may include Yorba Linda
Source: California Department of Justice

Supplemental Tables: Safe Homes and Communities

Number of Juvenile Arrests and Rates Per 100,000 Youth Ages 10 to 17, Orange County and California, 2007 to 2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
No. of Juvenile Arrests										
Orange County	14,988	14,914	14,341	13,485	10,797	8,566	6,892	6,580	4,829	4,521
California	236,105	228,527	204,294	185,506	149,273	120,279	96,718	86,636	71,792	62,646
Juvenile Arrest Rates										
Orange County	4,110.8	4,121.0	4,010.3	3,809.5	3,069.4	2,456.6	2,075.9	1,993.9	1421.8	1331.7
California	5,070.5	4,960.1	4,501.5	4,145.0	3,351.9	2,718.2	2,370.1	2,133.7	1725.0	1500.1
Felony Arrests										
Orange County	4,090	4,087	4,131	3,671	2,875	2,284	1,866	1,659	1,178	1,195
California	65,955	64,756	58,421	51,879	43,307	36,289	30,734	27,583	21,343	19,619
Felony Arrest Rates										
Orange County	1,121.8	1,129.3	1,155.2	1,037.0	817.3	655.0	562.0	502.7	346.8	352.0
California	1,416.4	1,405.5	1,287.3	1,159.2	972.4	819.6	753.2	679.3	512.8	469.8
Misdemeanors - Orange County										
Total Case	9,060	8,812	8,593	8,223	6,216	5,030	3,902	3,534	2,832	2,581
Rate per 100,000	2,484.9	2,434.9	2,403.0	2,323.0	1,767.1	1,442.5	1,175.3	1,070.9	833.8	35,710
Total Pop 10-17 (x1000)*										
Orange County	364.6	361.9	357.6	354.0	351.8	348.7	332.0	330.0	339.7	339.5
California	4,656.4	4,607.3	4,538.3	4,475.4	4,453.4	4,427.6	4,080.7	4,060.4	4,161.8	4,176.0

* 2005 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 Homes 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, 2007 to 2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Case Dispositions	11,900	12,456	11,531	11,533	10,454	8,882	7,821	7,156	5,808	5,617

Source: Juvenile Court and Probation Statistical System

Supplemental Tables: Safe Homes and Communities

Total Number and Percent of Juvenile Probation Referrals by Age, 2007 to 2016

	2007		2008		2009		2010		2011	
Age in years	No.	%	No.	%	No.	%	No.	%	No.	%
10 & Under	37	0.3	37	0.3	35	0.3	34	0.3	35	0.3
11	46	0.4	44	0.4	34	0.3	24	0.2	30	0.3
12	186	1.6	140	1.1	138	1.2	121	1.0	113	1.1
13	627	5.3	587	4.7	505	4.4	484	4.2	403	3.9
14	1,262	10.6	1,323	10.6	1,187	10.3	1,027	8.9	919	8.8
15	2,021	17.0	2,172	17.4	2,109	18.3	1,929	16.7	1,780	17.0
16	2,707	22.7	3,049	24.5	2,566	22.3	2,766	24.0	2,527	24.2
17	3,332	28.0	3,350	26.9	3,116	27.0	3,174	27.5	2,927	28.0
18 & Older	1,682	14.1	1,754	14.1	1,841	16.0	1,974	17.1	1,720	16.5
Total Referrals	11,900	100.0	12,456	100.0	11,531	100.0	11,533	100.0	10,454	100.0
	2012		2013		2014		2015		2016	
Age in years	No.	%	No.	%	No.	%	No.	%	No.	%
10 & Under	20	0.2	10	0.1	6	0.1	8	0.1	8	0.1
11	19	0.2	19	0.2	7	0.1	10	0.2	11	0.2
12	96	1.1	80	1.0	50	0.7	49	0.8	60	1.1
13	276	3.1	291	3.7	231	3.2	184	3.2	185	3.3
14	718	8.1	659	8.4	584	8.2	419	7.2	479	8.5
15	1,456	16.4	1,168	14.9	1,131	15.8	915	15.8	844	15.0
16	2,073	23.3	1,807	23.1	1,594	22.3	1,408	24.2	1,322	23.5
17	2,621	29.5	2,260	28.9	1,997	27.9	1,601	27.6	1,655	29.5
18 & Older	1,603	18.0	1,527	19.5	1,556	21.7	1,214	20.9	1,053	18.7
Total Referrals	8,882	100.0	7,821	100.0	7,156	100.0	5,808	100.0	5,617	100.0

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

Source: Juvenile Court and Probation Statistical System

Supplemental Tables: Safe Homes and Communities

Probation Referrals, by City of Residence*, 2007 to 2016

CITY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ALISO VIEJO	61	84	62	80	74	56	60	66	45	33
ANAHEIM	1,746	1,962	1,793	1,699	1,621	1,410	1,439	1,259	1,059	1005
BREA	77	73	68	69	67	41	39	27	36	24
BUENA PARK	324	304	324	359	314	230	242	202	166	166
COSTA MESA	428	394	376	416	328	299	279	246	223	232
CYPRESS	100	106	81	82	97	63	66	50	30	36
DANA POINT	77	71	71	73	64	58	71	28	23	31
FOUNTAIN VALLEY	107	118	115	124	105	73	66	61	24	25
FULLERTON	658	562	507	509	431	352	374	370	326	288
GARDEN GROVE	745	752	649	780	643	612	496	482	342	312
HUNTINGTON BEACH	489	451	412	422	380	300	325	249	184	143
IRVINE	254	305	336	342	312	229	231	170	150	155
LA HABRA	260	322	304	333	290	183	183	154	128	127
LA PALMA	35	21	29	32	26	16	17	13	5	15
LAGUNA BEACH	35	45	22	60	45	25	15	22	20	14
LAGUNA HILLS	48	42	52	53	54	73	41	24	26	20
LAGUNA NIGUEL	95	97	100	115	114	93	75	50	59	54
LAGUNA WOODS					1	1				
LAKE FOREST	183	196	174	159	167	156	154	90	89	84
LOS ALAMITOS	57	45	32	24	21	14	16	19	12	12
MISSION VIEJO	180	189	159	173	144	129	97	82	88	72
NEWPORT BEACH	127	130	100	118	77	79	94	73	58	43
ORANGE	572	602	523	602	580	411	378	369	279	318
PLACENTIA	190	165	164	187	170	135	121	123	105	87
RANCHO SANTA MARGARITA	123	91	80	103	83	64	65	39	41	39
SAN CLEMENTE	141	135	148	159	124	99	97	83	59	43
SAN JUAN CAPISTRANO	101	159	176	195	163	120	121	110	92	66
SANTA ANA	2,006	2,170	2,097	2,303	2,172	1,707	1,616	1,465	1,188	1168
SEAL BEACH	22	16	26	15	14	6	6	10	3	3
STANTON	148	148	137	163	145	109	95	104	75	82
TUSTIN	378	367	293	338	272	218	178	134	139	161
VILLA PARK	3	9	5	8	4	2	4	3	1	2
WESTMINSTER	356	296	262	289	255	162	171	197	125	93
YORBA LINDA	126	77	91	91	88	51	56	73	52	60
UNINCORPORATED AREAS	113	112	109	122	101	79	80	72	48	43
OUT OF COUNTY/UNKNOWN	1,535	1,840	1,654	936	908	1,227	453	637	508	561
TOTAL	11,900	12,456	11,531	11,533	10,454	8,882	7,821	7,156	5,808	5,617

*As of last known address

Source: Orange County Probation Department Strategic Support Division Juvenile Court and Probation Statistical System

Supplemental Tables: Safe Homes and Communities

Total Felony Referrals Broken Down by Offense at Time of Arrest, 2007 to 2016

OFFENSE	2007		2008		2009		2010		2011	
	No.	%	No.	%	No.	%	No.	%	No.	%
Homicide	71	7.9	97	10.9	43	5.0	26	3.4	17	2.5
Manslaughter-Vehicular	0	0.0	1	0.1	0	0.0	3	0.4	4	0.6
Forcible Rape	21	2.3	34	3.8	23	2.6	23	3.0	35	5.2
Robbery	277	31.0	322	36.1	317	36.5	314	40.5	264	39.3
Assault	525	58.7	438	49.1	485	55.9	409	52.8	351	52.3
TOTAL	894	100.0	892	100.0	868	100.0	775	100.0	671	100.0
Burglary	963	54.8	1,057	59.2	1,057	62.4	1,051	64.3	955	64.7
Theft	488	27.8	471	26.4	431	25.4	427	26.1	366	24.8
Motor Vehicle Theft	207	11.8	194	10.9	154	9.1	112	6.9	118	8.0
Forgery/Checks/Access Card	37	2.1	19	1.1	16	0.9	17	1.0	13	0.9
Arson	61	3.5	44	2.5	36	2.1	27	1.7	25	1.7
TOTAL	1,756	100.0	1,785	100.0	1,694	100.0	1,634	100.0	1,477	100.0
Narcotics	128	25.2	157	29.7	111	22.5	135	21.5	154	26.4
Marijuana	153	30.1	142	26.9	157	31.8	157	25.0	155	26.5
Dangerous Drugs	226	44.5	221	41.9	220	44.6	325	51.7	272	46.6
Other Drug Violations	1	0.2	8	1.5	5	1.0	12	1.9	3	0.5
TOTAL	508	100.0	528	100.0	493	100.0	629	100.0	584	100.0
TOTAL ALL OTHER	1,755	100.0	1,962	100.0	1,867	100.0	1,881	100.0	1,622	100.0
TOTAL FELONY	4,913	100.0	5,167	100.0	4,922	100.0	4,919	100.0	4,354	100.0

Supplemental Tables: Safe Homes and Communities

Total Felony Referrals Broken Down by Offense at Time of Arrest, 2007 to 2016 (Continued)

OFFENSE	2012		2013		2014		2015		2016	
	No.	%	No.	%	No.	%	No.	%	No.	%
Homicide	15	2.6	10	2.2	8	1.9	6	1.2	8	1.5
Manslaughter-Vehicular	2	0.3	1	0.2	2	0.5	1	0.2	1	0.2
Forcible Rape	24	4.1	21	4.6	24	5.6	23	4.6	21	4.0
Robbery	220	37.7	154	33.5	128	30.0	163	32.7	162	30.8
Assault	323	55.3	274	59.6	264	62.0	305	61.2	334	63.5
TOTAL	584	100.0	460	100.0	426	100.0	498	100.0	526	100.0
Burglary	745	64.3	601	64.2	494	63.0	425	63.2	411	63.0
Theft	295	25.5	238	25.4	214	27.3	162	24.1	155	23.8
Motor Vehicle Theft	77	6.6	66	7.1	44	5.6	63	9.4	75	11.5
Forgery/Checks/Access Card	18	1.6	11	1.2	13	1.7	8	1.2	4	0.6
Arson	24	2.1	20	2.1	19	2.4	15	2.2	7	1.1
TOTAL	1,159	100.0	936	100.0	784	100.0	673	100.0	652	100.0
Narcotics	85	22.1	80	20.2	66	17.1	55	17.5	68	23.6
Marijuana	130	33.9	161	40.6	165	42.7	104	33.0	95	33.0
Dangerous Drugs	165	43.0	155	39.0	148	38.3	145	46.0	120	41.7
Other Drug Violations	4	1.0	1	0.3	7	1.8	11	3.5	5	1.7
TOTAL	384	100.0	397	100.0	386	100.0	315	100.0	288	100.0
TOTAL ALL OTHER	1,300	100.0	1,084	100.0	1,035	100.0	883	100.0	1,004	100.0
TOTAL FELONY	3,427	100.0	2,877	100.0	2,631	100.0	2,369	100.0	2,470	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, 2007 to 2016

	2007		2008		2009		2010		2011	
Final Case Disposition	No.	%	No.	%	No.	%	No.	%	No.	%
Closed/Dismissed	3,826	32.2	4,450	35.7	4,980	43.2	4,942	42.9	3,915	37.4
Informal Probation: 'W&I 654A W&I 725A : Referral to Peer Court / Contract Diversion Programs	1,732	14.6	1,606	12.9	1,506	13.1	1,753	15.2	1,801	17.2
Formal Probation as a Ward of the Juvenile Court	2,500	21.0	2,448	19.7	1,846	16.0	1,835	15.9	1,790	17.1
Incarceration: County Institution (Juvenile Hall or an Open Institution)	2,832	23.8	2,956	23.7	2,511	21.8	2,365	20.5	2,334	22.3
Incarceration: State Institution (Division of Juvenile Justice)	6	0.1	8	0.1	4	0.0	4	0.0	4	0.0
Other Dispositions*	1004	8.4	988	7.9	684	5.9	634	5.5	610	5.8
Total	11,900	100.0	12,456	100.0	11,531	100.0	11,533	100.0	10,454	100.0
	2012		2013		2014		2015		2016	
Final Case Disposition	No.	%	No.	%	No.	%	No.	%	No.	%
Closed/Dismissed	2,716	30.6	2,561	32.7	2,627	36.7	2,477	42.6	2,550	45.4
Informal Probation: 'W&I 654A W&I 725A : Referral to Peer Court / Contract Diversion Programs	1,669	18.8	1,393	17.8	1,124	15.7	688	11.8	784	14.0
Formal Probation as a Ward of the Juvenile Court	1,801	20.3	1,608	20.6	1,311	18.3	1,005	17.3	984	17.5
Incarceration: County Institution (Juvenile Hall or an Open Institution)	2,254	25.4	2,038	26.1	1,889	26.4	1,428	24.6	1,084	19.3
Incarceration: State Institution (Division of Juvenile Justice)	0	0.0	1	0.0	0	0.0	0	0.0	1	0.0
Other Dispositions*	442	5.0	220	2.8	205	2.9	210	3.6	214	3.8
Total	8,882	100.0	7,821	100.0	7,156	100.0	5,808	100.0	5,617	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, 2007 to 2016

	2007		2008		2009		2010		2011	
Race and Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
Non-Hispanic White	3,320	27.9	3,104	24.9	2,793	24.2	2,697	23.4	2,301	22.0%
Hispanic	7,234	60.8	7,832	62.9	7,440	64.5	7,593	65.8	7,049	67.4%
Asian & Pacific Islander	583	4.9	639	5.1	536	4.6	534	4.6	503	4.8%
Black or African American	576	4.8	602	4.8	489	4.2	480	4.2	392	3.7%
All Other Races	187	1.6	279	2.2	273	2.4	229	2.0	209	2.0%
Total Referrals	11,900	100.0	12,456	100.0	11,531	100.0	11,533	100.0	10,454	100.0

	2012		2013		2014		2015		2016	
Race and Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
Non-Hispanic White	1,859	20.9	1,641	21.0	1,345	18.8	981	16.9	983	17.5
Hispanic	6,135	69.1	5,361	68.5	5,100	71.3	4,159	71.6	3,914	69.7
Asian & Pacific Islander	370	4.2	331	4.2	325	4.5	239	4.1	188	3.3
Black or African American	355	4.0	305	3.9	246	3.4	294	5.1	310	5.5
All Other Races	163	1.8	183	2.3	140	2.0	135	2.3	222	4.0
Total Referrals	8,882	100.0	7,821	100.0	7,156	100.0	5,808	100.0	5,617	100.0

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, 2007 to 2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Number of Referrals Incarcerated in County & State Institutions	2,838	2,964	2,515	2,369	2,338	2,254	2,039	1,889	1,428	1,085
Rate Per 100,000*	575	593	500	469	464	448	409	382	288	219

*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, 2016

City	Number	Percent	City	Number	Percent
ALISO VIEJO	10	0.7	LAKE FOREST	25	1.7
ANAHEIM	326	21.7	LOS ALAMITOS	0	0.0
BREA	7	0.5	MISSION VIEJO	21	1.4
BUENA PARK	22	1.5	NEWPORT BEACH	3	0.2
COSTA MESA	51	3.4	ORANGE	111	7.4
CYPRESS	7	0.5	PLACENTIA	21	1.4
DANA POINT	7	0.5	RANCHO SANTA MARGARITA	2	0.1
FOUNTAIN VALLEY	5	0.3	SAN CLEMENTE	7	0.5
FULLERTON	59	3.9	SAN JUAN CAPISTRANO	17	1.1
GARDEN GROVE	93	6.2	SANTA ANA	385	25.6
HUNTINGTON BEACH	24	1.6	SEAL BEACH	0	0.0
IRVINE	29	1.9	STANTON	31	2.1
LA HABRA	35	2.3	TUSTIN	34	2.3
LA PALMA	2	0.1	WESTMINSTER	23	1.5
LAGUNA BEACH	6	0.4	YORBA LINDA	13	0.9
LAGUNA HILLS	8	0.5	UNINCORPORATED AREAS/CENSUS DESIGNATED PLACES	7	0.5
LAGUNA NIGUEL	16	1.1	OUT OF COUNTY/UNKNOWN/MISSING	94	6.3
TOTAL				1,501	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, 2016

	Frequency	Percent
Female	221	14.7
Male	1,280	85.3
Total	1,501	100.0

Source: Juvenile Court and Statistical System

Juvenile Sustained Petitions Youth 10 to 17 Years Old, by Age, 2016

	Frequency	Percent
10 to 11	1	.1
12 to 14	165	11.0
15 to 17	1,335	88.9
Total	1,501	100.0

Source: Juvenile Court and Statistical System

Juvenile Sustained Petitions Youth 10 to 17 Years Old, by Race and Ethnicity, 2016

	Frequency	Percent
Asian & Pacific Islander	33	2.2
Black	70	4.7
Hispanic	1,183	78.8
White	182	12.1
Other/Unknown	33	2.2
Total	1,501	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, 2008 to 2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Assault	230	203	179	147	77	76	69	51	45	28
Burglary	44	29	50	40	31	10	6	11	2	0
Homicide/Manslaughter	26	26	12	24	8	7	0	6	6	4
Narcotics sales	23	30	16	35	6	6	17	4	15	2
Narcotics possession	6	18	27	30	7	7	2	5	1	2
Other	270	284	230	236	162	108	85	49	59	33
Robbery	65	116	102	87	84	36	33	27	38	26
Theft	39	37	23	22	16	13	5	9	2	13
Weapons	156	146	110	76	77	49	30	51	46	28
# of Total Cases	859	889	749	697	468	312	247	213	214	136

Source: Orange County District Attorney's Office

Number of Gang Related Prosecutions, Total and by Unique Individuals, and Percent by Repeat Offenders, 2008 to 2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Number of Gang Related Prosecutions	859	889	749	697	468	312	247	213	214	136	859
Number of Unique Juveniles with Gang Related Prosecutions	625	587	491	411	313	212	187	153	153	110	625
Percent of Gang Related Prosecutions by Repeat Offenders	27%	34%	34%	41%	33%	32%	24%	28%	29%	19%	27%

Source: Orange County District Attorney's Office

Supplemental Tables: Safe Home and Communities

Number and Percent of Gang Related Prosecutions, by Age, 2008 to 2017

	2008		2009		2010		2011		2012	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
13 and under	41	7%	35	6%	17	3%	15	4%	17	5%
14	81	13%	59	10%	57	12%	43	10%	24	8%
15	156	25%	129	22%	104	21%	82	20%	62	20%
16	173	28%	170	29%	152	31%	122	30%	95	30%
17	174	28%	194	33%	161	33%	149	36%	115	37%
Total	625	100%	587	100%	491	100%	411	100%	313	100%
	2013		2014		2015		2016		2017	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
13 and under	11	5%	8	4%	9	6%	11	7%	6	5%
14	23	11%	27	14%	15	10%	14	9%	12	11%
15	39	18%	28	15%	32	21%	35	23%	23	21%
16	61	29%	55	29%	49	32%	46	30%	31	28%
17	78	37%	69	37%	48	31%	47	31%	38	35%
Total	212	100%	187	100%	153	100%	153	100%	110	100%

Source: Orange County District Attorney's Office

Number and Percent of Gang Related Prosecutions, by Race and Ethnicity, 2008 to 2017

	2008		2009		2010		2011		2012	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
Asian or Pacific Islander	28	4%	25	4%	21	4%	22	5%	9	3%
Black or African American	7	1%	10	2%	4	1%	1	0%	0	0%
Hispanic or Latino	573	92%	530	90%	449	91%	370	90%	294	94%
Non- Hispanic White	14	2%	14	2%	9	2%	12	3%	7	2%
Other/ Unknown	3	0%	8	1%	8	2%	6	1%	3	1%
Total	625	100%	587	100%	491	100%	411	100%	313	100%
	2013		2014		2015		2016		2017	
Race/Ethnicity	No.	%	No.	%	No.	%	No.	%	No.	%
Asian or Pacific Islander	6	3%	5	3%	2	1%	6	4%	4	4%
Black or African American	1	0%	1	1%	6	4%	0	0%	3	3%
Hispanic or Latino	199	94%	172	92%	140	92%	145	95%	101	92%
Non- Hispanic White	4	2%	6	3%	3	2%	2	1%	1	1%
Other/ Unknown	2	1%	3	2%	2	1%	0	0%	1	1%
Total	212	100%	187	100%	153	100%	153	100%	110	100%

Source: Orange County District Attorney's Office

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