

Life Expectancy in San Diego County, 2010-2016

Areas of Influence	Definition	Top 10 Indicators
 HEALTH	Enjoying good health and expecting to live a full life	Life Expectancy Quality of Life
 KNOWLEDGE	Learning throughout the lifespan	Knowledge
 STANDARD OF LIVING	Having enough resources for a quality life	Unemployment Rate Income
 COMMUNITY	Living in a clean and safe neighborhood	Security Physical Environment Built Environment
 SOCIAL	Helping each other to live well	Vulnerable Population Community Involvement

Figure 1: Live Well San Diego Areas of Influence and Top 10 Indicators

Life expectancy is one of the Top 10 Indicators measured for the County of San Diego's *Live Well San Diego* vision for healthier, safer, and thriving communities. This measure is a widely used indicator for the capability to live a long and healthy life and reflects the overall mortality of a population. Evaluations, such as Blue Zones, Healthy People 2010 and 2020, and County Health Rankings all measure life expectancy as an indicator for success.

This document is meant to provide data regarding life expectancy in San Diego County. This measure is presented here as the average number of years a person born a certain year is expected to live, given the current age-specific mortality rates applied to each age group of the current population.

Over time, the trends in life expectancy has experienced positive increases in the US and in San Diego County. In 1960, the US life expectancy at birth was 69.7 years. This has risen to 78.8 years in 2015 in part, due to improvements in public hygiene, childhood immunizations, and the increase in awareness in positive health behaviors. The same can be said in San Diego County. A baby born in 1990 in San Diego County was expected to live 77 years. The life expectancy has since risen half a decade to 82.1 years in 2016 in San Diego County.

While life expectancy is increasing across the board, there is variation in estimates by communities within the San Diego County region. People are less likely to live longer if they are economically disadvantaged, get little exercise and lack access to health care, but according to many studies, even accounting for these factors, geography matters^{1,2}. A baby born in San Diego County in 2016, has a life expectancy of 82.1 years, but within the county there currently is a 10 year gap in life expectancy between some communities; leaving the community with the lowest life expectancy estimate close to countries such as Vietnam or Vanuatu³.

Although the overall U.S. average life expectancy at birth has been steadily increasing, with exception to recent years, there are differences in life expectancy between racial and ethnic groups. In addition, great variations in life expectancy exist worldwide. These variations are mostly caused by differences in public health infrastructure, distribution of wealth, medical care, and diet².

In the following pages, are a listing of the life expectancy by gender, race/ethnicity, geography, and overall for San Diego County.

2010 Life Expectancy in San Diego County

Overall: 81.7 years

Sex		Race / Ethnicity				HHS Region					
Male	79.3	Asian	86.4	Hispanic	84.0	North Coastal	82.6	North Central	83.8	East	79.6
Female	83.6	Black	77.1	White	80.8	North Inland	82.1	Central	80.5	South	81.7

Geography	2010 Life Expectancy
Central Region	80.5
Central San Diego	80.3
Mid City	79.7
Southeastern San Diego	81.6
East Region	79.6
Alpine	79.0
El Cajon	81.8
Harbison Crest	61.7
Jamul	80.7
La Mesa	79.7
Laguna Pine Valley	NA
Lakeside	81.4
Lemon Grove	80.4
Mountain Empire	NA
Santee	79.1
Spring Valley	85.9
North Central Region	83.8
Coastal	84.4
Del Mar-Mira Mesa	85.1
Elliott Navajo	83.6
Kearny Mesa	80.2
Miramar	NA
Peninsula	85.8
University	86.7

Geography	2010 Life Expectancy
North Coastal Region	82.6
Carlsbad	86.5
Oceanside	79.6
Pendleton	NA
San Dieguito	86.4
Vista	79.0
North Inland Region	82.1
Anza-Borrego	NA
Escondido	78.7
Fallbrook	82.0
North San Diego	81.9
Palomar-Julian	NA
Pauma	80.8
Poway	85.7
Ramona	79.9
San Marcos	83.8
Valley Center	85.5
South Region	81.7
Chula Vista	77.4
Coronado	83.5
National City	79.3
South Bay	83.1
Sweetwater	89.9
San Diego County	81.7

NA=Not Available, censored due to variance in population size.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files.

SANDAG January 1 population estimates.

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Health Statistics Unit, 2018.

2011 Life Expectancy in San Diego County

Overall: 82.0 years

Sex		Race / Ethnicity				HHSA Region					
Male	79.6	Asian	87.3	Hispanic	84.8	North Coastal	83.3	North Central	83.9	East	79.4
Female	84.0	Black	76.9	White	81.1	North Inland	82.9	Central	80.6	South	81.6

Geography	2011 Life Expectancy
Central Region	80.6
Central San Diego	81.2
Mid City	79.9
Southeastern San Diego	80.7
East Region	79.4
Alpine	81.7
El Cajon	81.5
Harbison Crest	60.7
Jamul	78.4
La Mesa	78.2
Laguna Pine Valley	NA
Lakeside	82.4
Lemon Grove	80.3
Mountain Empire	NA
Santee	80.9
Spring Valley	87.0
North Central Region	83.9
Coastal	84.6
Del Mar-Mira Mesa	85.2
Elliott Navajo	84.2
Kearny Mesa	80.6
Miramar	NA
Peninsula	85.8
University	84.9

Geography	2011 Life Expectancy
North Coastal Region	83.3
Carlsbad	86.9
Oceanside	80.4
Pendleton	NA
San Dieguito	86.7
Vista	80.0
North Inland Region	82.9
Anza-Borrego	NA
Escondido	80.3
Fallbrook	82.2
North San Diego	82.4
Palomar-Julian	NA
Pauma	81.5
Poway	87.4
Ramona	81.2
San Marcos	83.1
Valley Center	87.0
South Region	81.6
Chula Vista	77.0
Coronado	83.7
National City	79.3
South Bay	81.6
Sweetwater	91.2
San Diego County	82.0

NA=Not Available, censored due to variance in population size.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files.

SANDAG January 1 population estimates.

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Health Statistics Unit, 2018.

2012 Life Expectancy in San Diego County

Overall: 81.9 years

Sex		Race / Ethnicity				HHS Region					
Male	79.5	Asian	87.5	Hispanic	85.0	North Coastal	82.9	North Central	83.9	East	79.5
Female	84.3	Black	77.0	White	81.0	North Inland	82.7	Central	80.5	South	81.7

Geography	2012 Life Expectancy
Central Region	80.5
Central San Diego	80.9
Mid City	80.4
Southeastern San Diego	80.2
East Region	79.5
Alpine	81.3
El Cajon	81.2
Harbison Crest	59.6
Jamul	81.5
La Mesa	78.1
Laguna Pine Valley	NA
Lakeside	83.2
Lemon Grove	81.1
Mountain Empire	NA
Santee	79.9
Spring Valley	88.6
North Central Region	83.9
Coastal	85.0
Del Mar-Mira Mesa	85.4
Elliott Navajo	85.1
Kearny Mesa	80.1
Miramar	NA
Peninsula	85.1
University	84.3

Geography	2012 Life Expectancy
North Coastal Region	82.9
Carlsbad	87.2
Oceanside	79.6
Pendleton	NA
San Dieguito	86.2
Vista	79.4
North Inland Region	82.7
Anza-Borrego	NA
Escondido	79.1
Fallbrook	80.9
North San Diego	82.4
Palomar-Julian	NA
Pauma	84.4
Poway	87.6
Ramona	79.7
San Marcos	84.4
Valley Center	89.1
South Region	81.7
Chula Vista	77.4
Coronado	85.1
National City	79.5
South Bay	80.9
Sweetwater	93.5
San Diego County	81.9

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Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files.

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2013 Life Expectancy in San Diego County

Overall: 82.3 years

Sex		Race / Ethnicity				HHS Region					
Male	80.1	Asian	88.3	Hispanic	86.1	North Coastal	83.5	North Central	84.2	East	79.9
Female	84.5	Black	76.2	White	81.1	North Inland	83.4	Central	80.9	South	82.1

Geography	2013 Life Expectancy
Central Region	80.9
Central San Diego	81.7
Mid City	79.9
Southeastern San Diego	80.9
East Region	79.9
Alpine	82.9
El Cajon	81.8
Harbison Crest	60.7
Jamul	79.8
La Mesa	78.3
Laguna Pine Valley	NA
Lakeside	83.6
Lemon Grove	80.7
Mountain Empire	NA
Santee	82.0
Spring Valley	87.0
North Central Region	84.2
Coastal	84.6
Del Mar-Mira Mesa	86.3
Elliott Navajo	84.6
Kearny Mesa	80.9
Miramar	NA
Peninsula	85.6
University	84.6

Geography	2013 Life Expectancy
North Coastal Region	83.5
Carlsbad	87.5
Oceanside	80.5
Pendleton	NA
San Dieguito	86.9
Vista	80.3
North Inland Region	83.4
Anza-Borrego	NA
Escondido	80.4
Fallbrook	82.7
North San Diego	82.8
Palomar-Julian	NA
Pauma	83.4
Poway	88.1
Ramona	82.3
San Marcos	83.5
Valley Center	88.9
South Region	82.1
Chula Vista	77.1
Coronado	83.2
National City	79.1
South Bay	82.4
Sweetwater	93.1
San Diego County	82.3

NA=Not Available, censored due to variance in population size.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files.

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2014 Life Expectancy in San Diego County

Overall: 82.4 years

Sex		Race / Ethnicity				HHSA Region					
Male	80.0	Asian	86.6	Hispanic	84.6	North Coastal	83.5	North Central	84.0	East	80.4
Female	84.7	Black	77.2	White	81.6	North Inland	83.3	Central	80.7	South	82.1

Geography	2014 Life Expectancy
Central Region	80.7
Central San Diego	81.1
Mid City	81.8
Southeastern San Diego	79.2
East Region	80.4
Alpine	81.9
El Cajon	79.6
Harbison Crest	79.1
Jamul	80.6
La Mesa	81.2
Laguna Pine Valley	NA
Lakeside	79.5
Lemon Grove	78.0
Mountain Empire	NA
Santee	81.2
Spring Valley	81.7
North Central Region	84.0
Coastal	84.8
Del Mar-Mira Mesa	85.8
Elliott Navajo	84.1
Kearny Mesa	81.9
Miramar	NA
Peninsula	83.5
University	84.4

Geography	2014 Life Expectancy
North Coastal Region	83.5
Carlsbad	84.3
Oceanside	82.4
Pendleton	NA
San Dieguito	86.0
Vista	81.1
North Inland Region	83.3
Anza-Borrego	NA
Escondido	81.2
Fallbrook	81.7
North San Diego	85.4
Palomar-Julian	NA
Pauma	76.2
Poway	84.4
Ramona	81.9
San Marcos	83.8
Valley Center	82.8
South Region	82.1
Chula Vista	81.3
Coronado	84.5
National City	80.3
South Bay	81.4
Sweetwater	84.6
San Diego County	82.4

NA=Not Available, censored due to variance in population size.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS).

SANDAG January 1 population estimates.

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2015 Life Expectancy in San Diego County

Overall: 82.1 years

Sex		Race / Ethnicity				HHS Region					
Male	79.8	Asian	87.2	Hispanic	84.2	North Coastal	82.7	North Central	83.9	East	80.1
Female	84.2	Black	77.3	White	81.3	North Inland	82.7	Central	80.8	South	81.7

Geography	2015 Life Expectancy
Central Region	80.8
Central San Diego	80.9
Mid City	80.7
Southeastern San Diego	80.5
East Region	80.1
Alpine	80.8
El Cajon	80.0
Harbison Crest	79.6
Jamul	79.9
La Mesa	79.9
Laguna Pine Valley	NA
Lakeside	78.4
Lemon Grove	77.9
Mountain Empire	NA
Santee	80.5
Spring Valley	81.0
North Central Region	83.9
Coastal	86.2
Del Mar-Mira Mesa	84.5
Elliott Navajo	83.8
Kearny Mesa	82.2
Miramar	NA
Peninsula	82.0
University	83.8

Geography	2015 Life Expectancy
North Coastal Region	82.7
Carlsbad	83.8
Oceanside	80.7
Pendleton	NA
San Dieguito	85.1
Vista	81.9
North Inland Region	82.7
Anza-Borrego	NA
Escondido	80.9
Fallbrook	81.6
North San Diego	84.9
Palomar-Julian	NA
Pauma	75.9
Poway	83.2
Ramona	83.8
San Marcos	82.5
Valley Center	82.8
South Region	81.7
Chula Vista	80.7
Coronado	84.6
National City	80.1
South Bay	82.1
Sweetwater	84.6
San Diego County	82.1

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Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS).

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2016 Life Expectancy in San Diego County

Overall: 82.1 years

Sex		Race / Ethnicity				HHS Region					
Male	79.9	Asian	87.7	Hispanic	83.8	North Coastal	83.3	North Central	84.1	East	79.5
Female	84.2	Black	77.6	White	81.3	North Inland	82.7	Central	80.8	South	81.7

Geography	2016 Life Expectancy
Central Region	80.8
Central San Diego	81.8
Mid City	80.5
Southeastern San Diego	80.1
East Region	79.5
Alpine	81.2
El Cajon	79.7
Harbison Crest	79.4
Jamul	79.0
La Mesa	79.4
Laguna Pine Valley	NA
Lakeside	78.6
Lemon Grove	78.3
Mountain Empire	NA
Santee	80.8
Spring Valley	78.3
North Central Region	84.1
Coastal	86.3
Del Mar-Mira Mesa	85.2
Elliott Navajo	83.5
Kearny Mesa	82.0
Miramar	NA
Peninsula	84.6
University	84.3

Geography	2016 Life Expectancy
North Coastal Region	83.3
Carlsbad	83.7
Oceanside	81.9
Pendleton	NA
San Dieguito	85.6
Vista	82.2
North Inland Region	82.7
Anza-Borrego	NA
Escondido	81.0
Fallbrook	81.5
North San Diego	85.2
Palomar-Julian	NA
Pauma	73.4
Poway	83.5
Ramona	82.8
San Marcos	82.4
Valley Center	82.5
South Region	81.7
Chula Vista	81.4
Coronado	84.8
National City	79.3
South Bay	80.9
Sweetwater	84.0
San Diego County	82.1

NA=Not Available, censored due to variance in population size.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Vital Records Business Intelligence System (VRBIS).

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References

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2. World Health Organization. Social determinants of health [cited 2012 Nov 15] Available from: URL: http://www.who.int/social_determinants/en.
3. United States Central Intelligence Agency (CIA). The World Factbook. 2016. Country Comparison - Life Expectancy at Birth. <https://www.cia.gov/library/publications/download/download-2016/index.html>. Note: Comparing Pauma SRA at 73.4 to other world countries with a Life Expectancy of 73.4. In 2016, Pauma has the same Life Expectancy as Vietnam and Vanuatu. Vanuatu is a country located in the South Pacific Ocean; east of Australia and just west of Fiji.

Methodology

Life expectancies are constructed by taking death rates from the population in question, and calculating abridged life tables. From the life table, you can calculate the probability of surviving to certain ages.

For more detailed information on how we calculate life expectancy, please contact the Community Health Statistics Unit at www.sdhealthstatistics.com.

