



SUICIDE IN SAN DIEGO COUNTY, 2015

JUNE 28, 2016
SPC ANNUAL STAKEHOLDERS MEETING

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County of San Diego, Health and Human Services Agency

Public Health Services

Emergency Medical Services



SUICIDES IN 2015



LIVE WELL
SAN DIEGO

Total number of suicides in 2015: 427

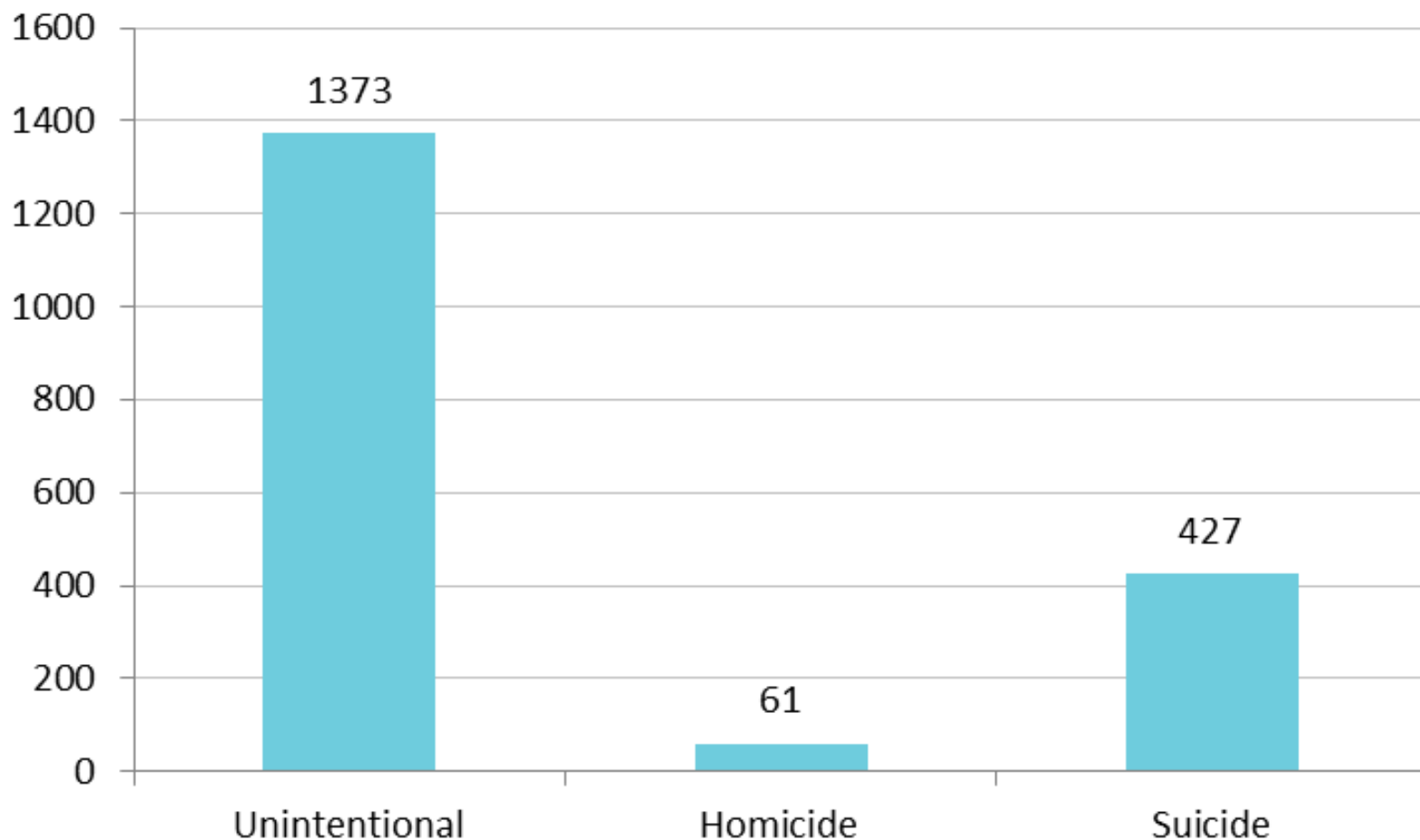
- 15.2 per 100,000 people (10+ years old)
- Similar to 2014
- Gender
 - 323 males
 - 104 females
- Age range
 - 14 to 94 years

Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

NON-NATURAL DEATHS IN SAN DIEGO COUNTY, 2015

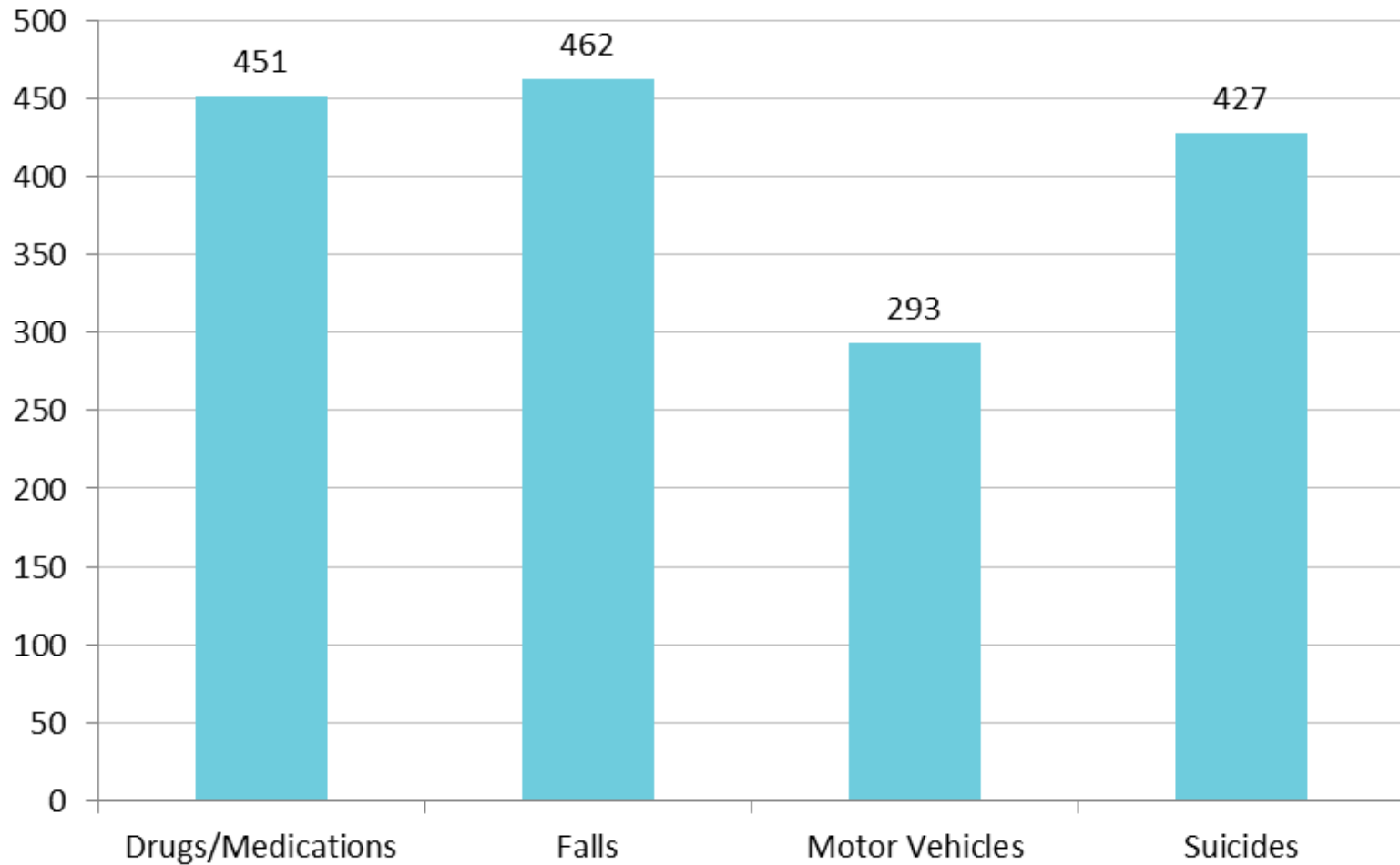


LIVE WELL
SAN DIEGO



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

SUICIDES VS UNINTENTIONAL DEATHS, 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

SUICIDES BY AGE GROUP IN 2015



LIVE WELL
SAN DIEGO

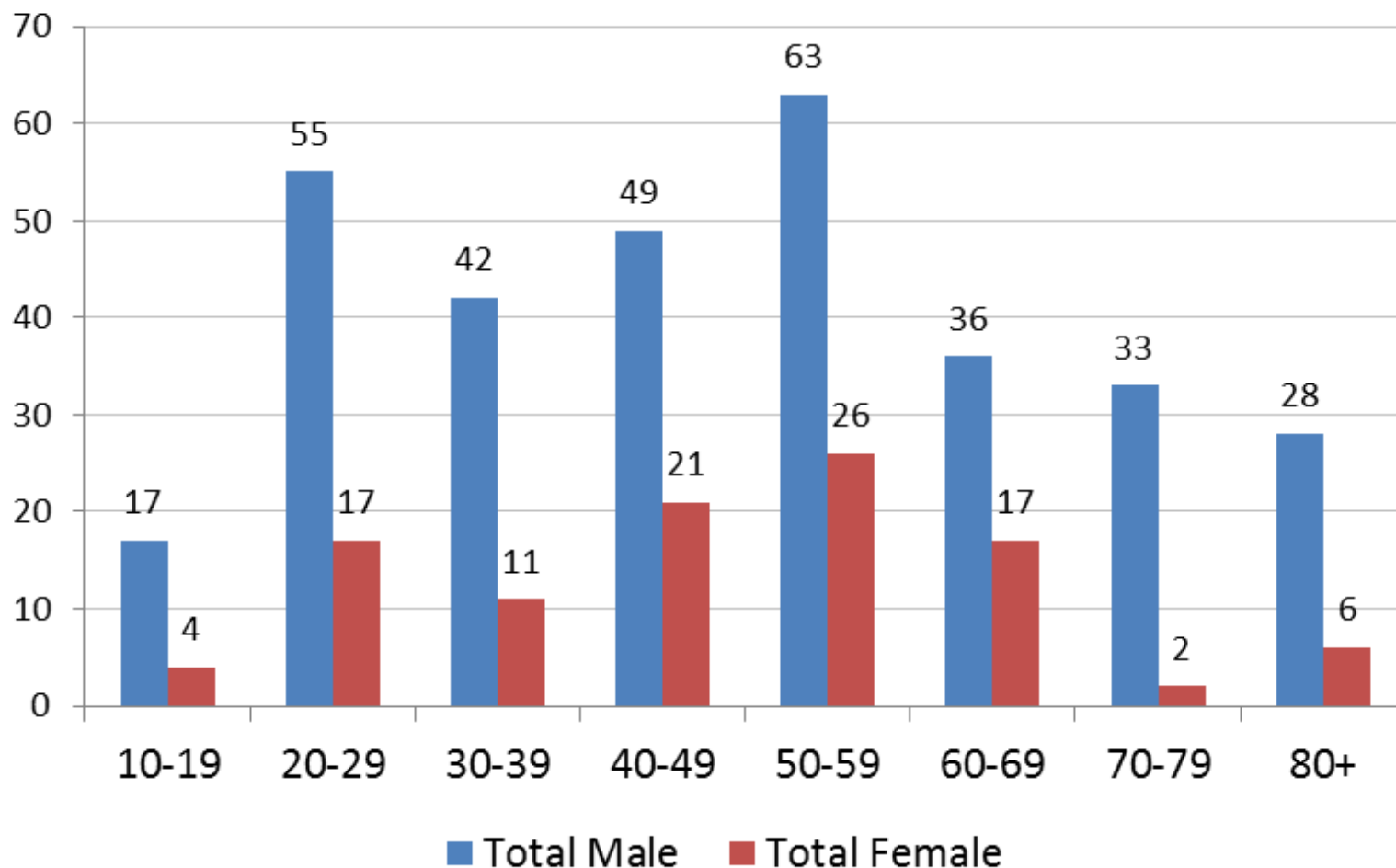
Age Group	Male	Male Rate**	Female	Female Rate**	Total	Total Rate**
10-19	17	7.5	4	*	21	4.9
20-29	55	20.3	17	7.0	72	14.1
30-39	42	18.6	11	5.0	53	11.9
40-49	49	24.3	21	10.3	70	17.2
50-59	63	30.7	26	12.3	89	21.3
60-69	36	24.2	17	10.3	53	16.9
70-79	33	45.7	2	*	35	21.8
80+	28	57.3	6	8.3	34	28.1

*Rates not calculated for totals less than 5

**Rates per 100,000 people

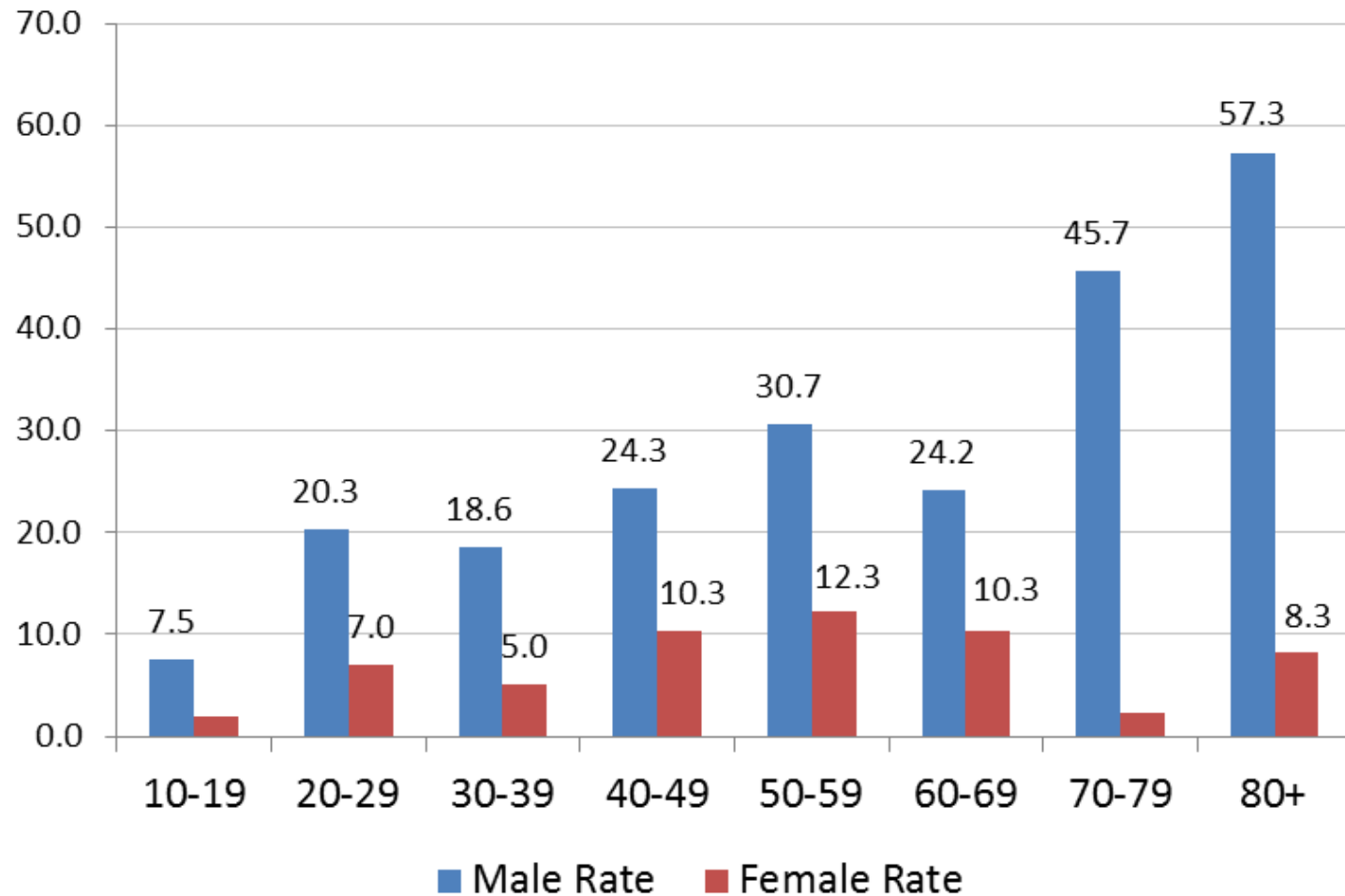
Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

TOTAL SUICIDES BY AGE GROUP AND GENDER, 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

SUICIDE RATES BY AGE GROUP AND GENDER, 2015



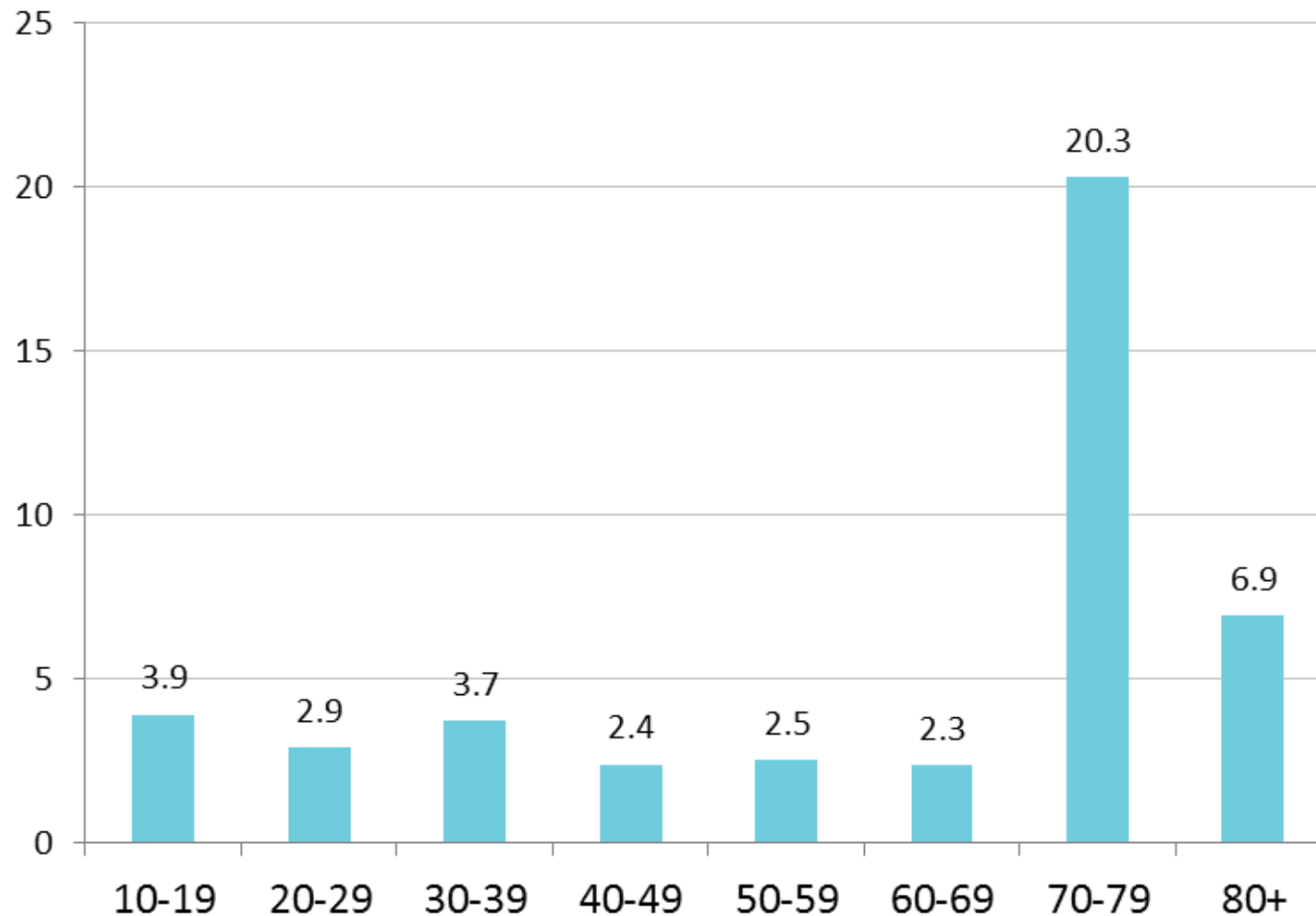
Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

MALE-TO-FEMALE SUICIDE RATE RATIO BY AGE GROUP, 2015



LIVE WELL
SAN DIEGO



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

SUICIDES BY RACE/ETHNICITY IN 2015

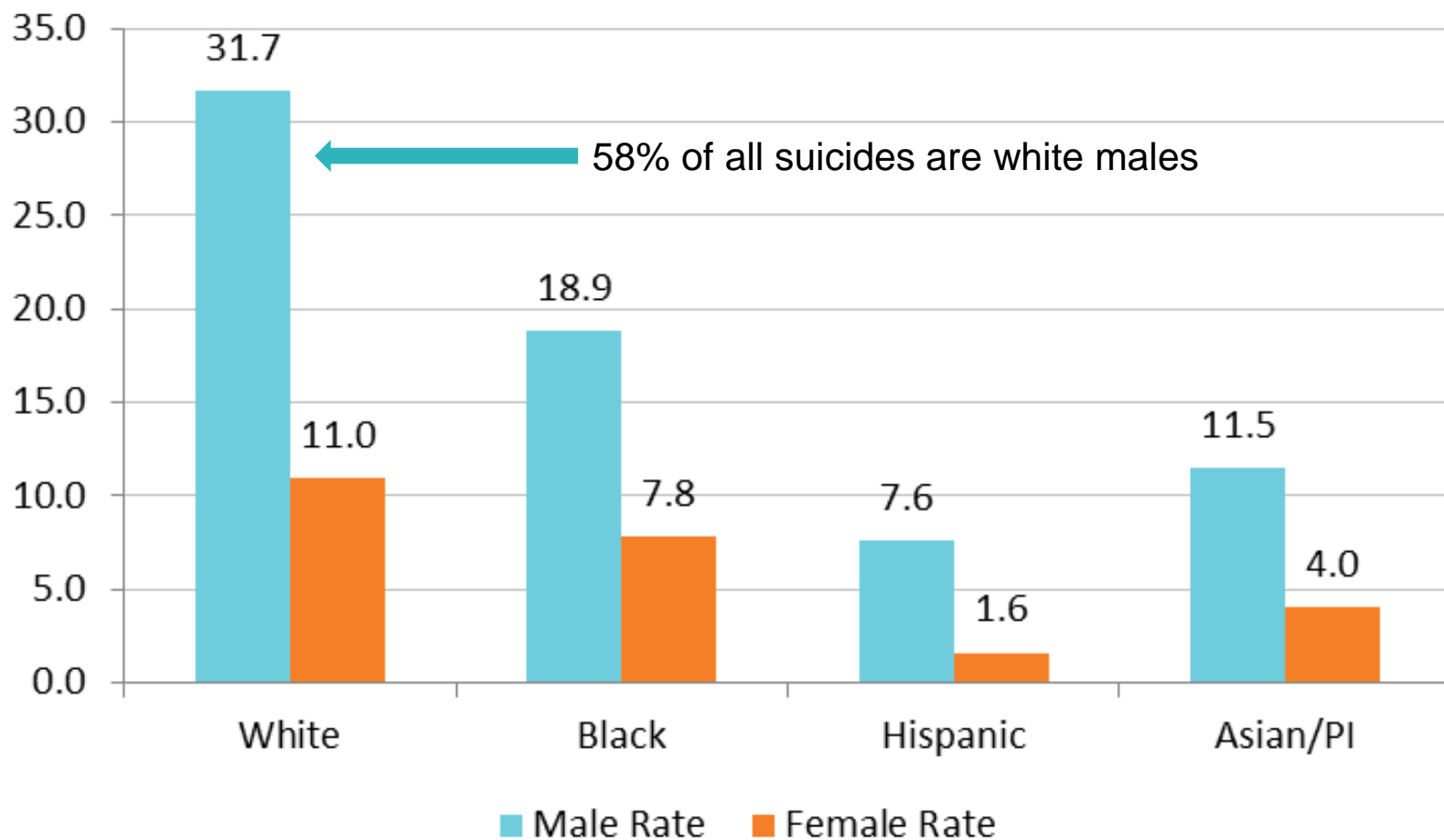


Race/ Ethnicity	Male	Male Rate**	Female	Female Rate**	Total	Total Rate**
White	247	31.7	81	11.0	328	21.6
Black	14	18.9	5	7.8	19	13.7
Hispanic	40	7.6	9	1.6	49	4.5
Asian/PI	20	11.5	8	4.0	28	7.5

**Rates per 100,000 people

Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

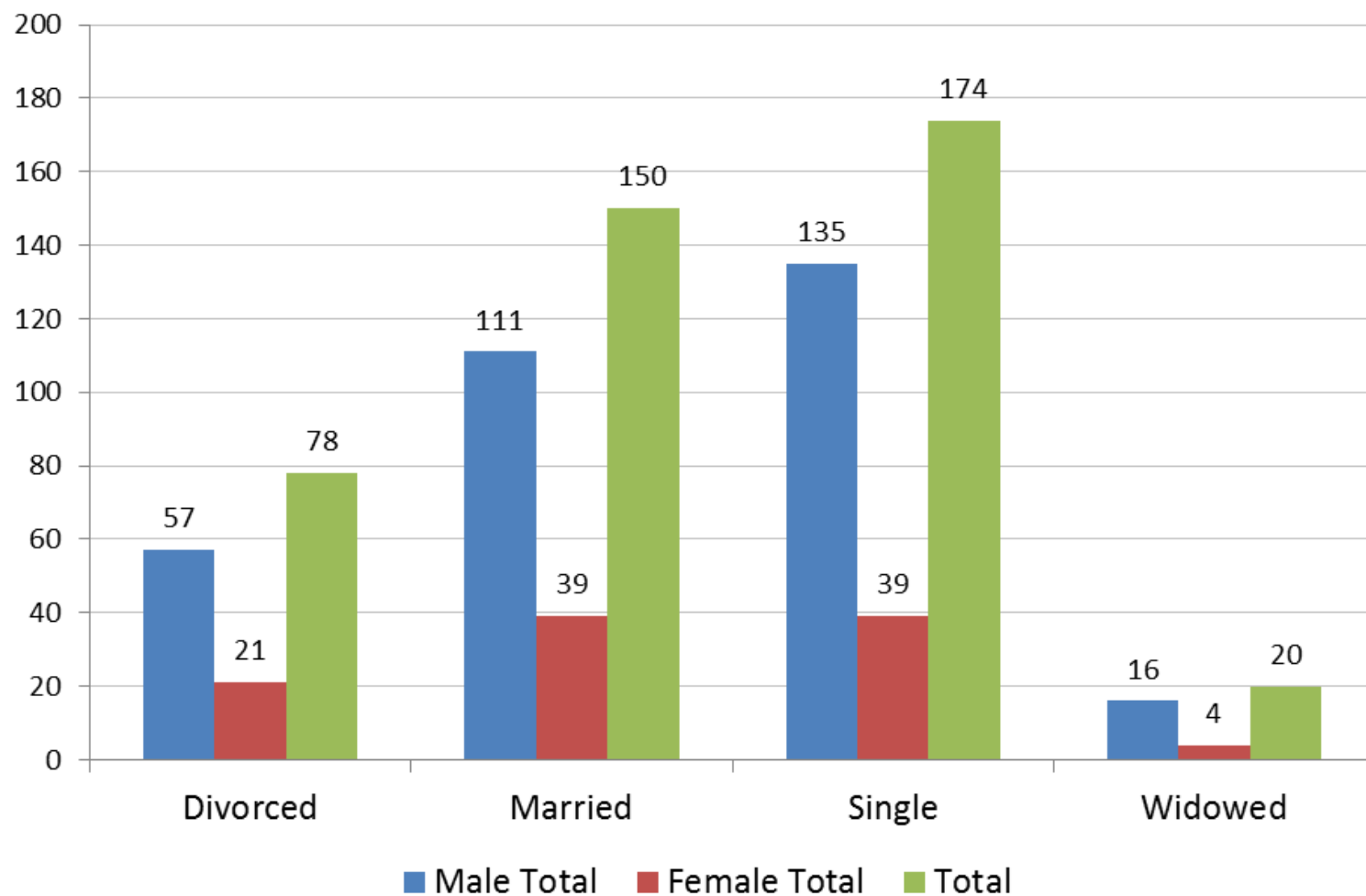
SUICIDE RATES BY RACE AND GENDER, 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

SUICIDES BY MARITAL STATUS, 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

SUICIDE RATES BY MARITAL STATUS, 2015



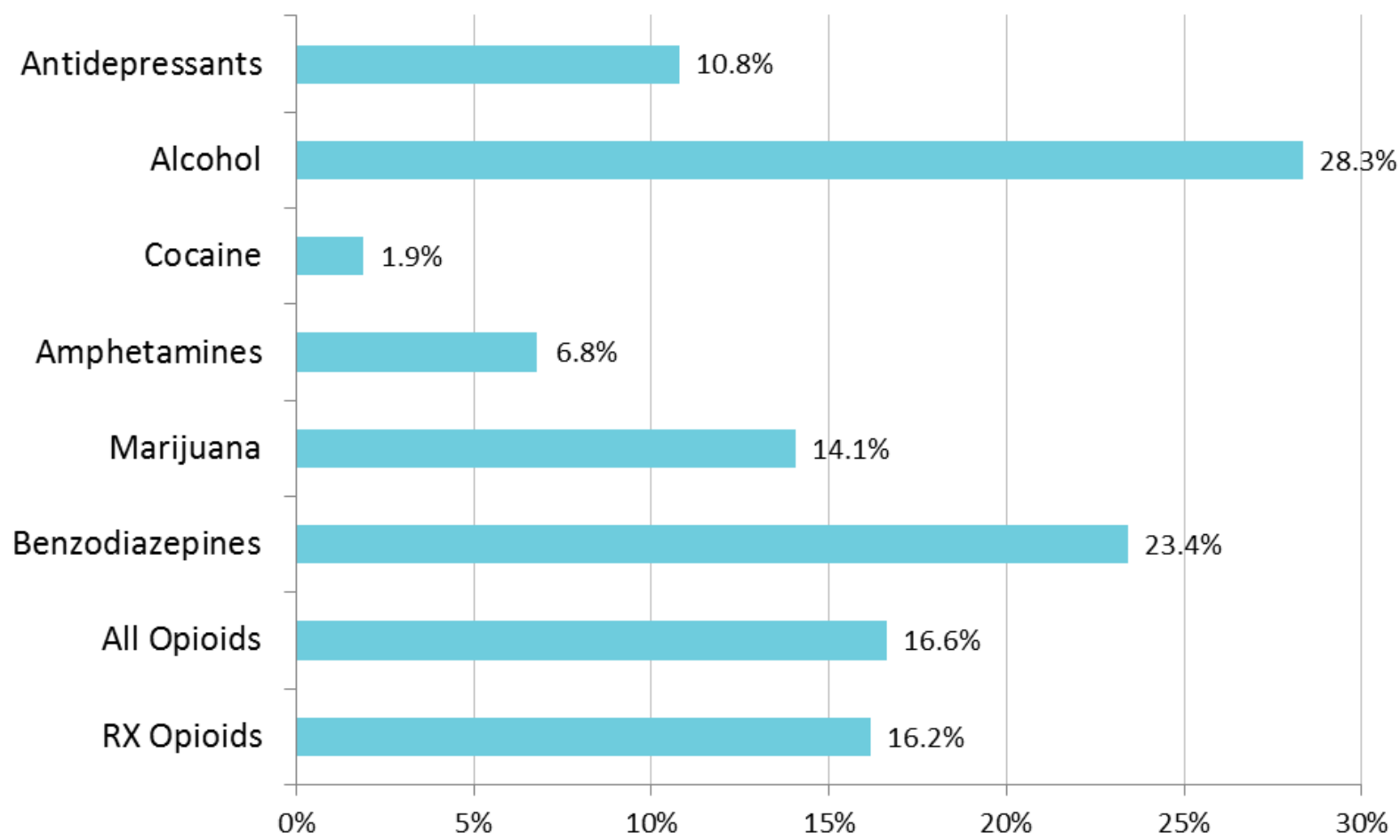
LIVE WELL
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Rates per 100,000 people

TOXICOLOGY RESULTS FOR SUICIDES, 2015

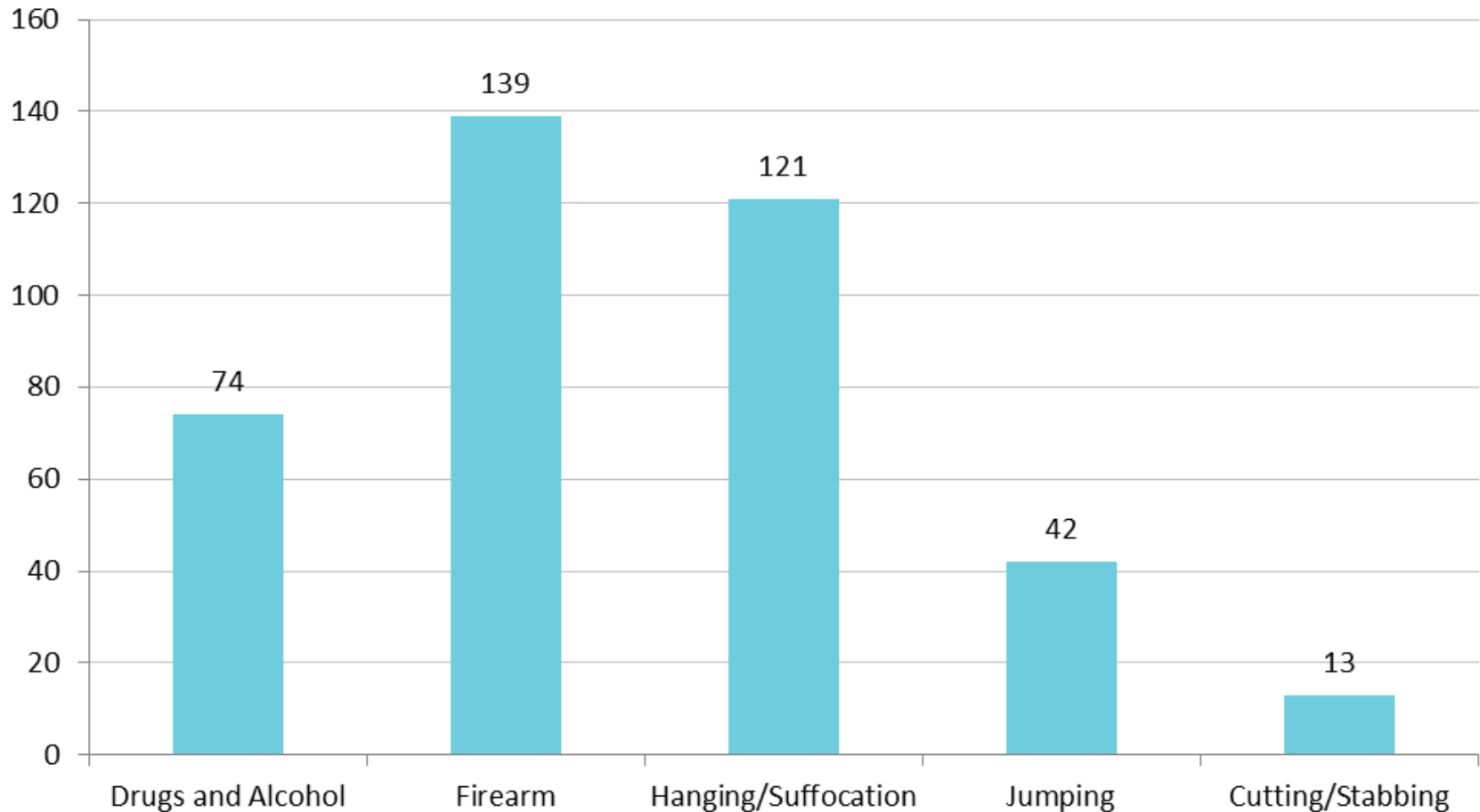


Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

METHOD OF SUICIDE, 2015

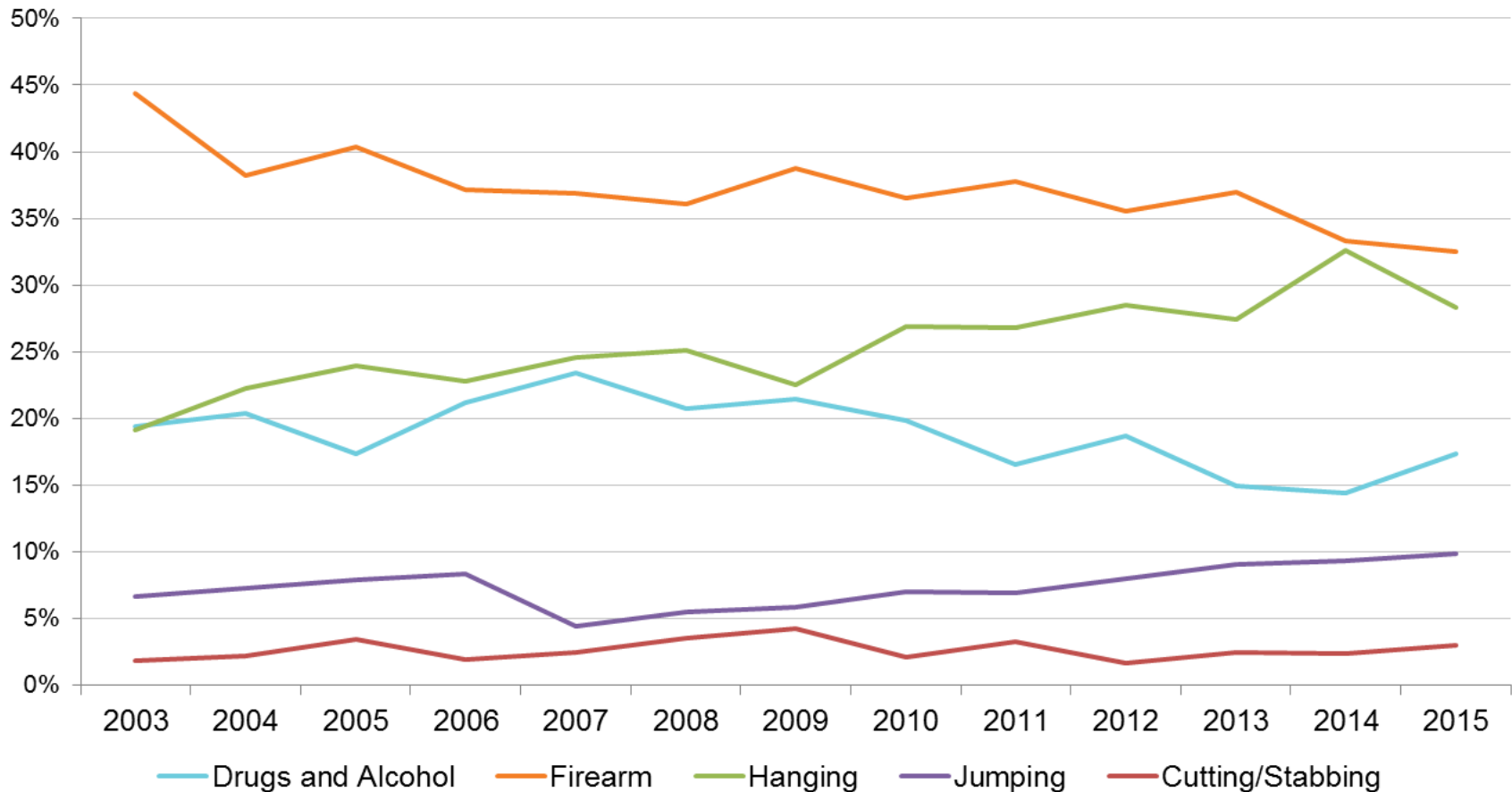


LIVE WELL
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PERCENT METHOD OF SUICIDE, 2003 - 2015

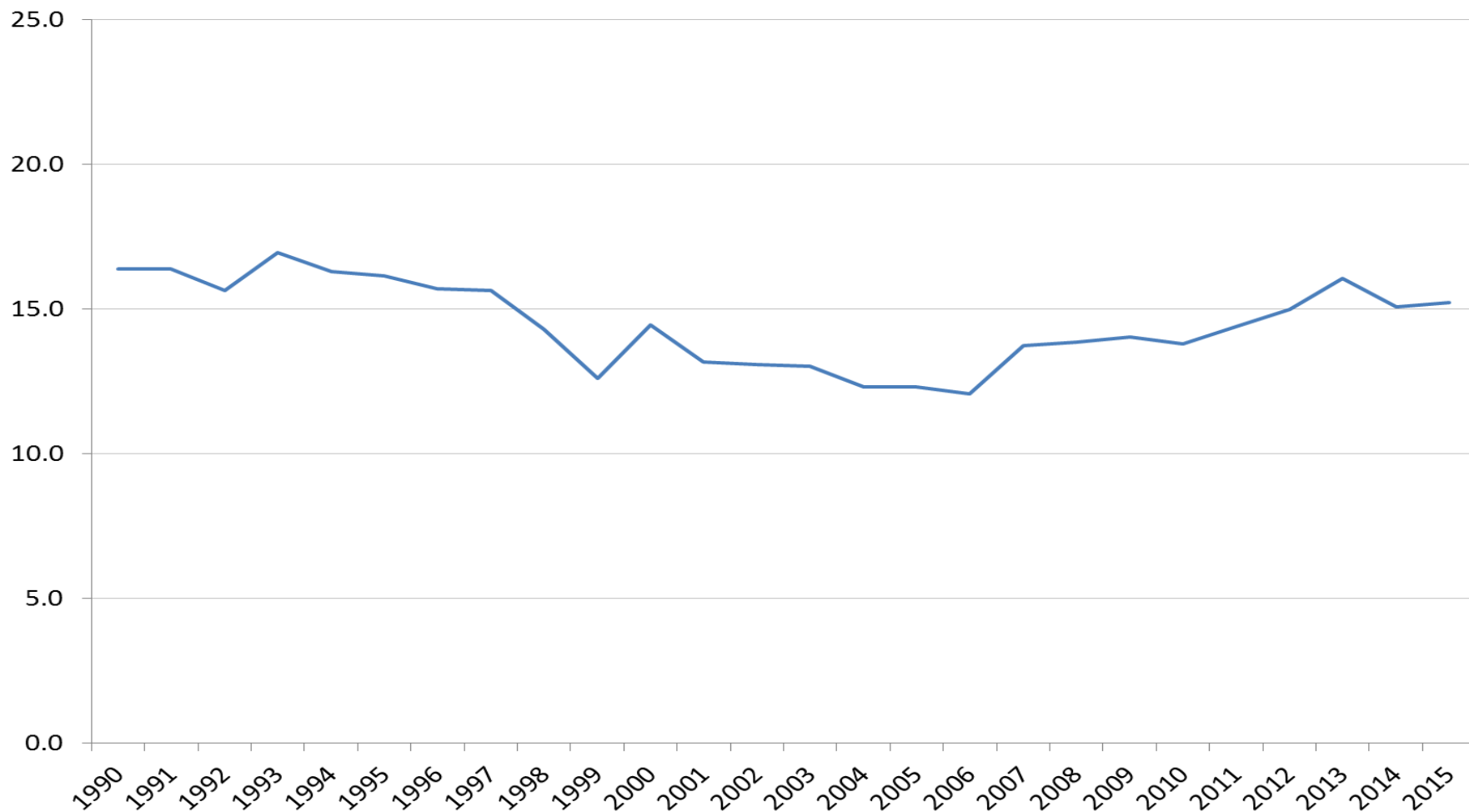


Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.



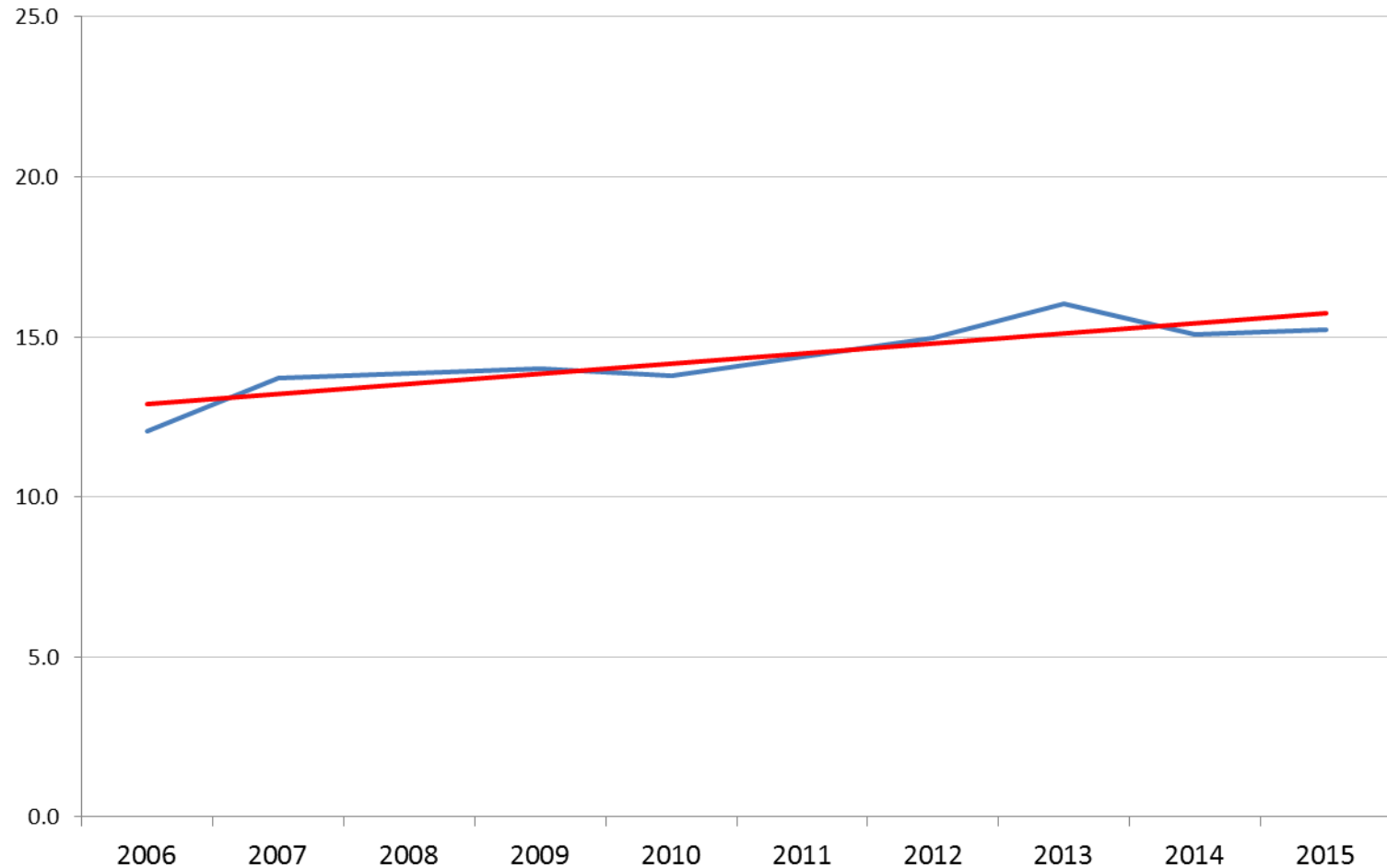
SUICIDE TRENDS

SAN DIEGO COUNTY SUICIDE RATES, 1990 - 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

SAN DIEGO COUNTY SUICIDE RATES, LAST DECADE

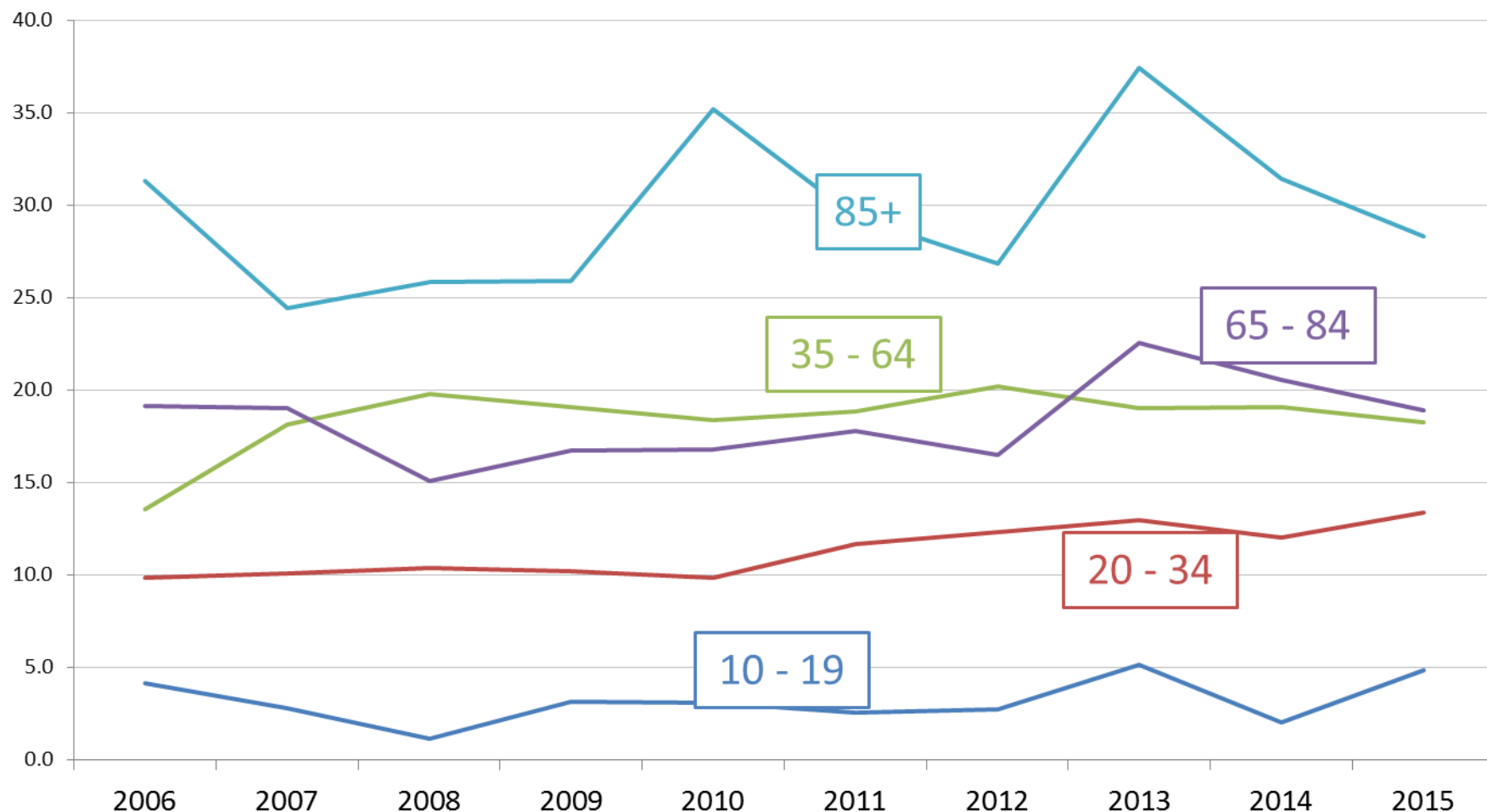


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SUICIDE RATES BY AGE GROUP, 2006-2015

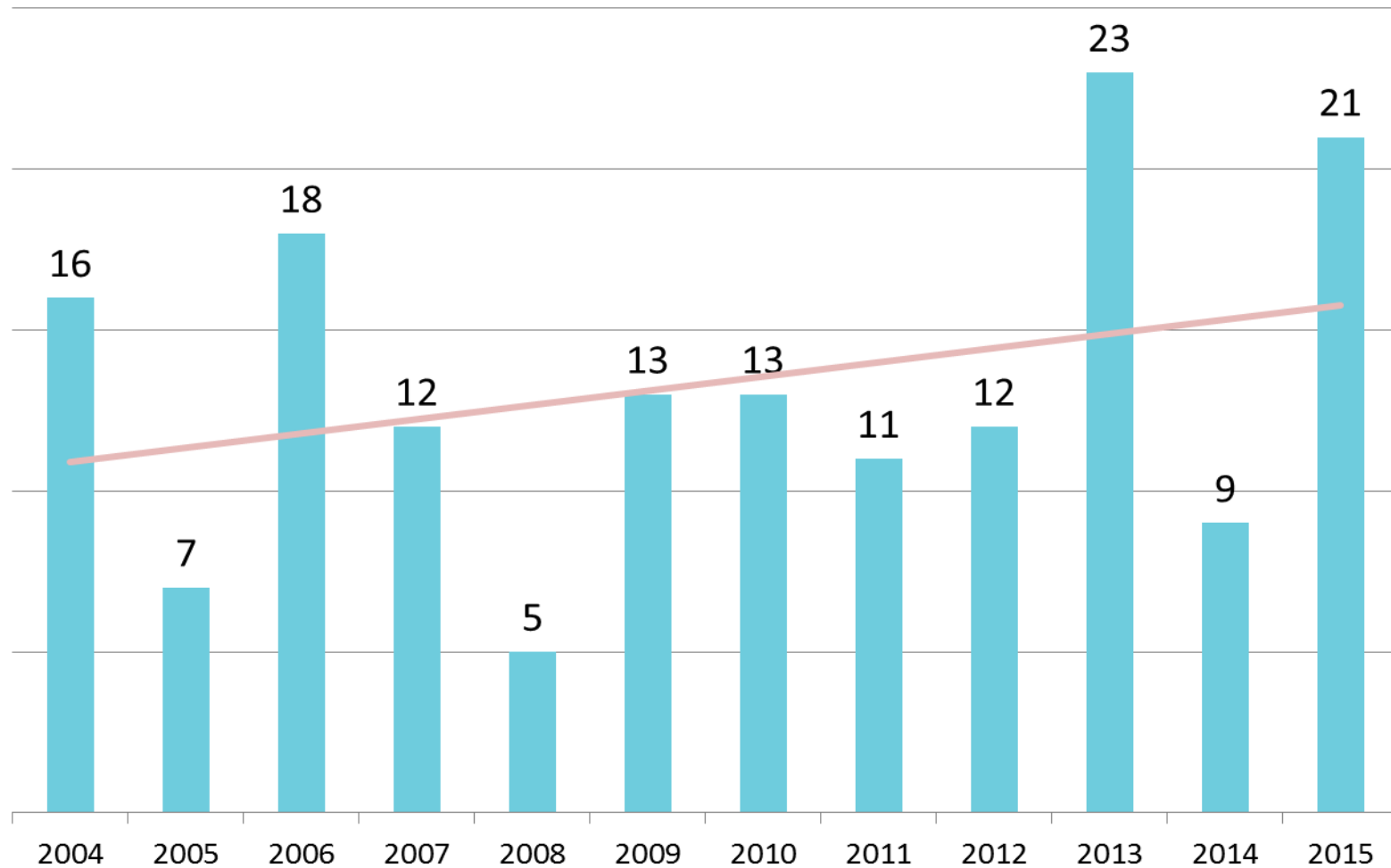


LIVE WELL
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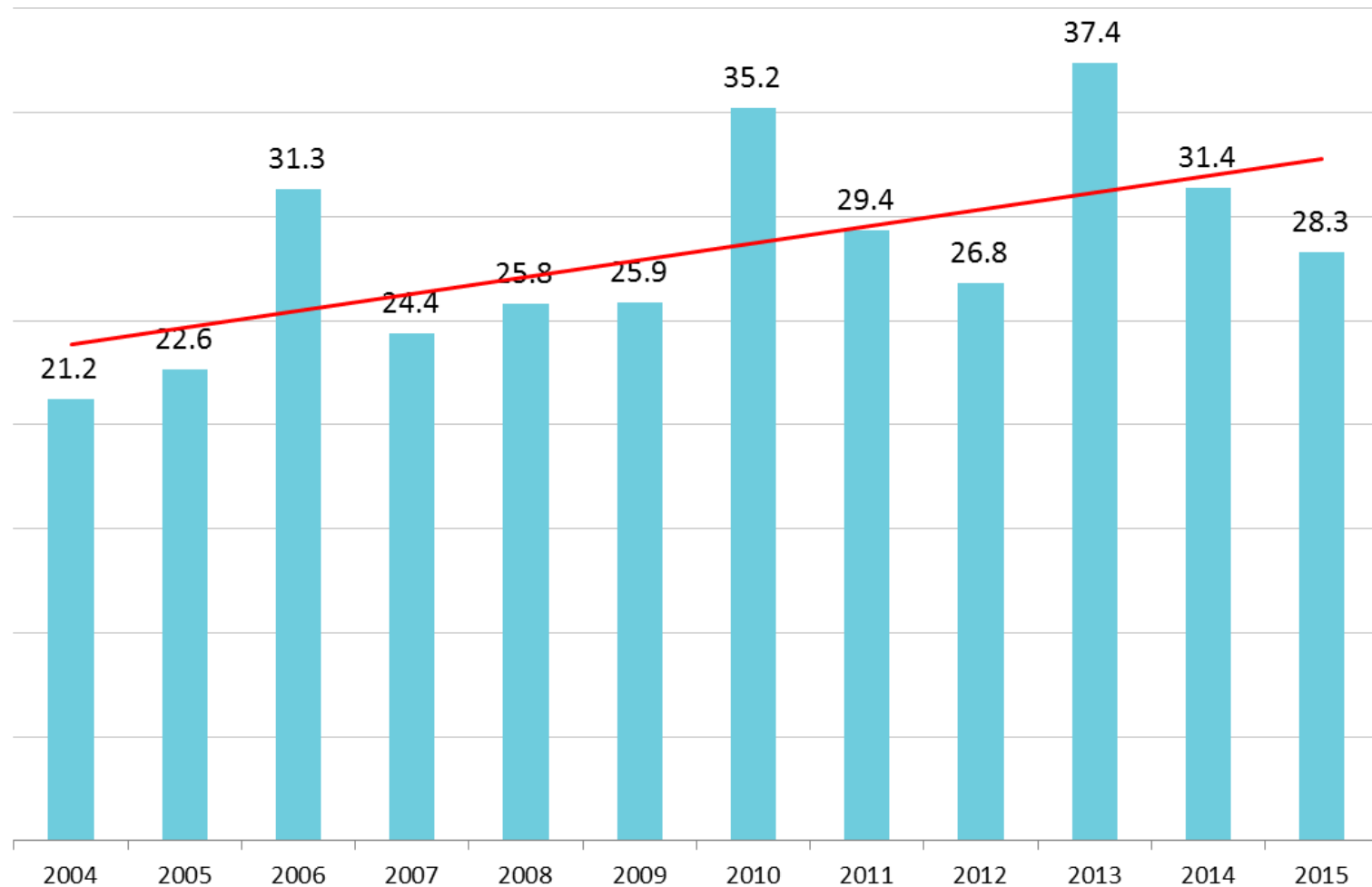
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SUICIDE TRENDS, 10 - 19 YEARS OLD 2004-2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

SUICIDE RATE TRENDS, 85 YEARS AND OLDER



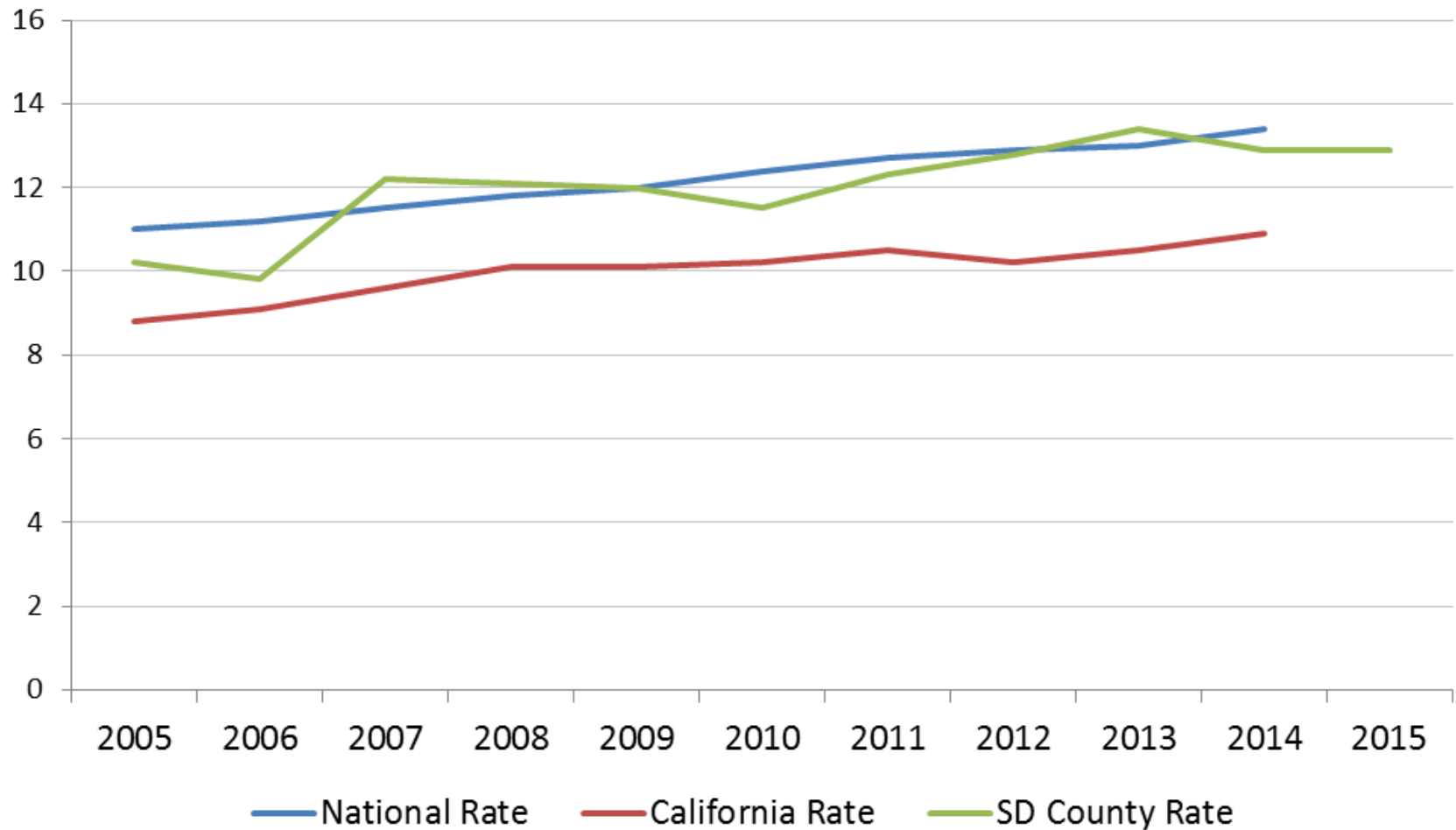
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Rates per 100,000 people

NATIONAL & STATE COMPARISON, 2005-2015



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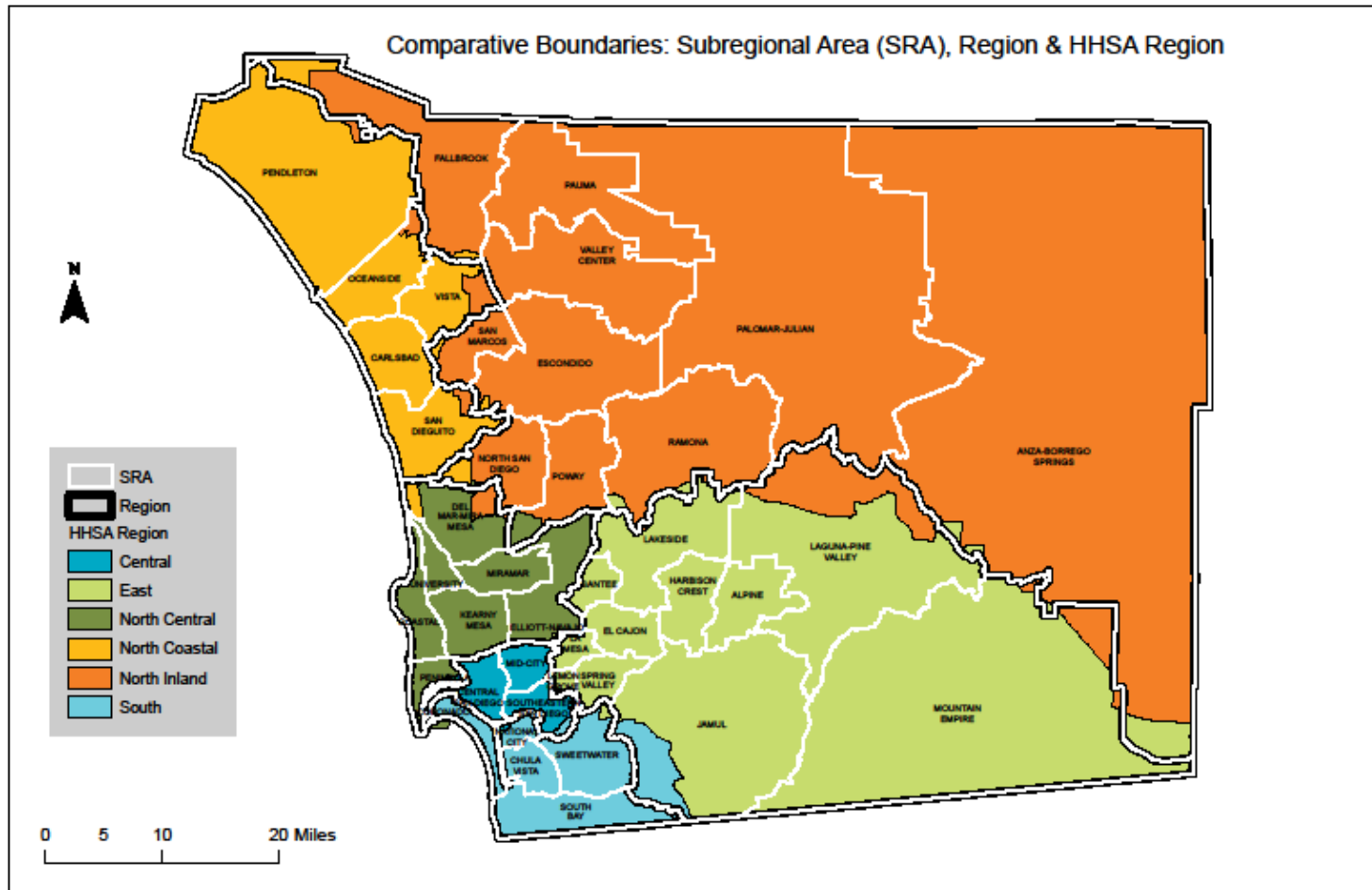


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SUICIDES BY COUNTY REGION

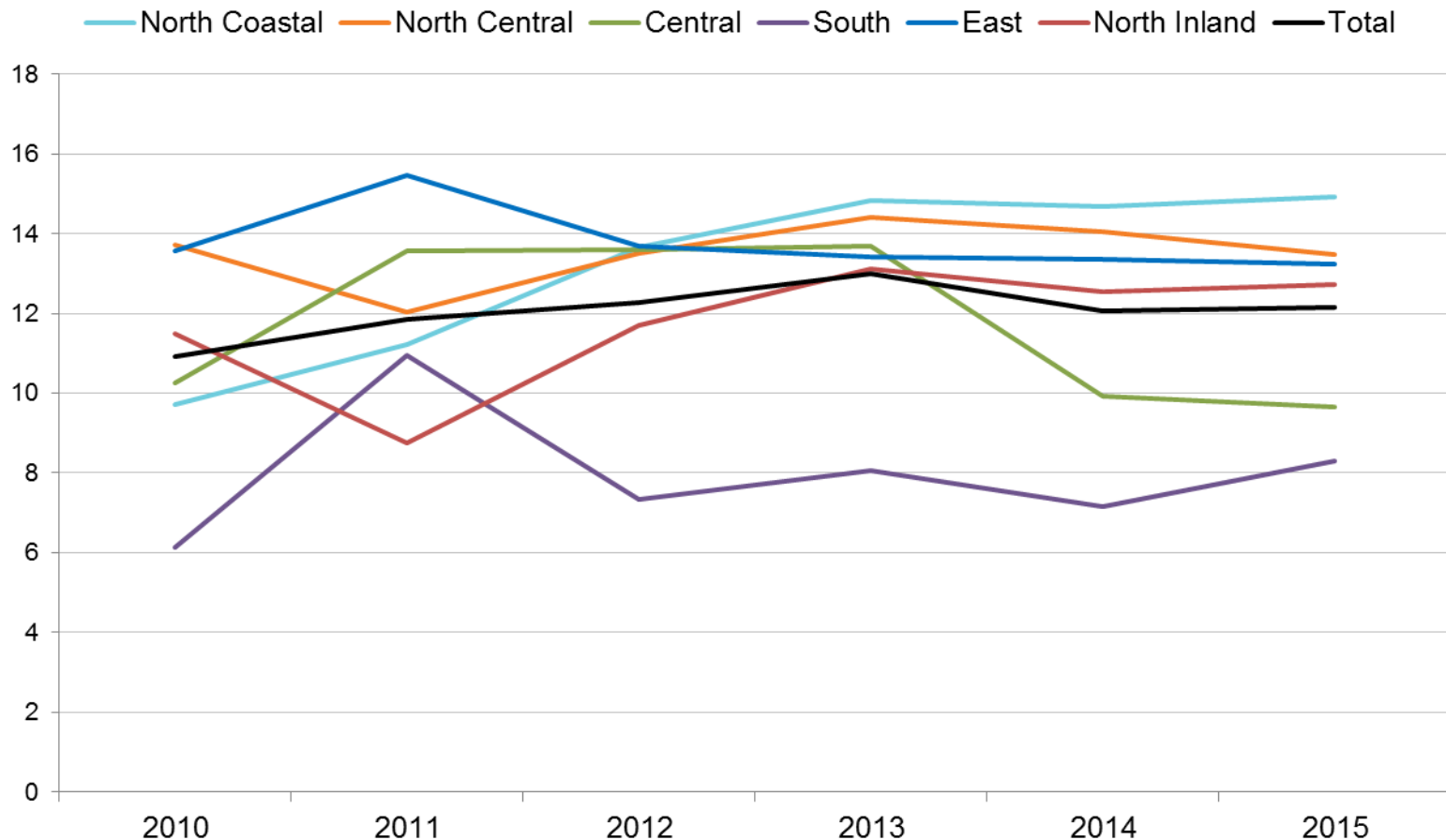
COUNTY OF SAN DIEGO HHSA REGIONS



Map by County of San Diego, Emergency Medical Services. Contact: Isabel Corcos or Leslie Ray, 619.285.6429
Map Date: May, 2014



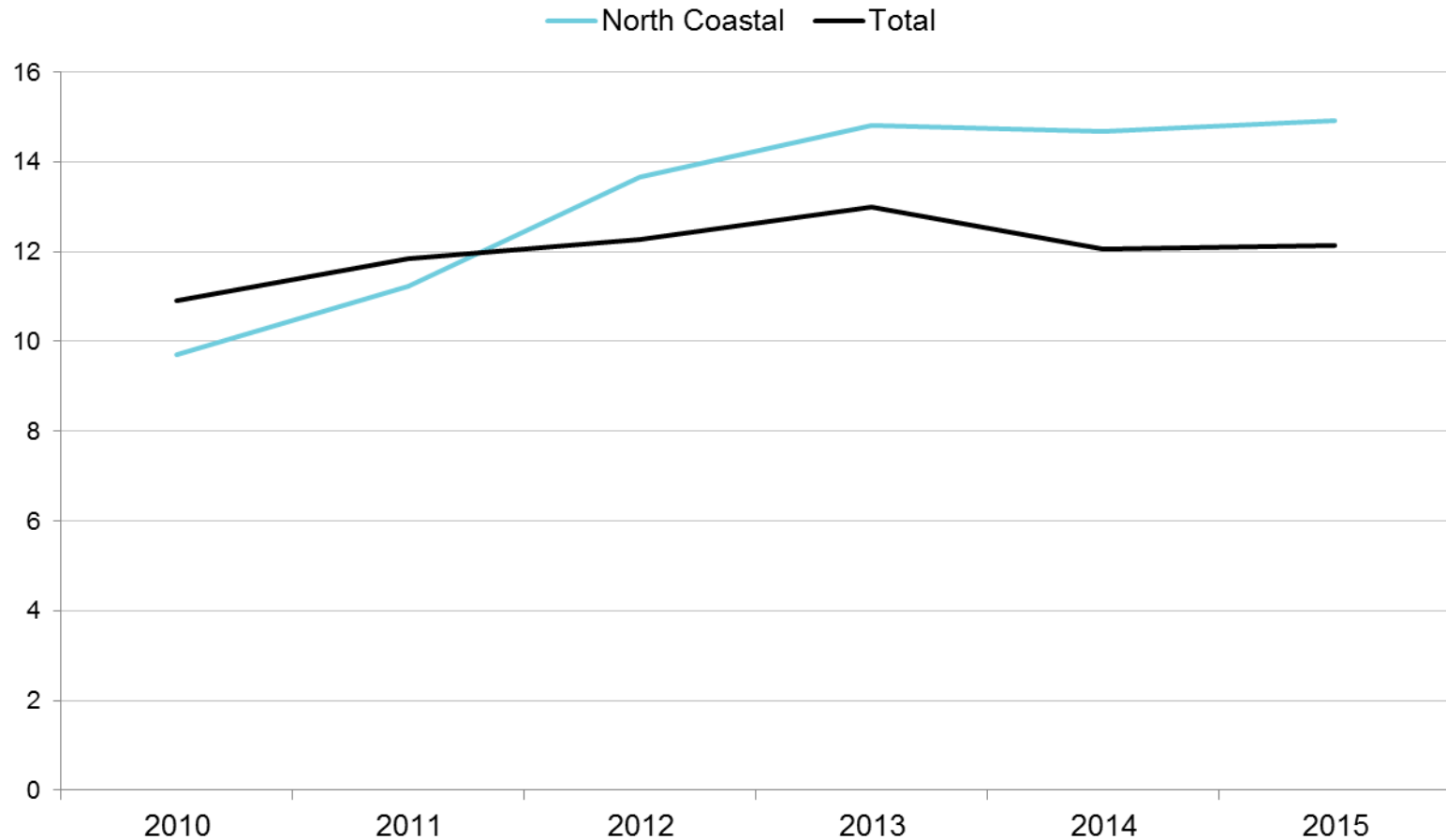
SUICIDE RATE* BY COUNTY REGION, 2010 - 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

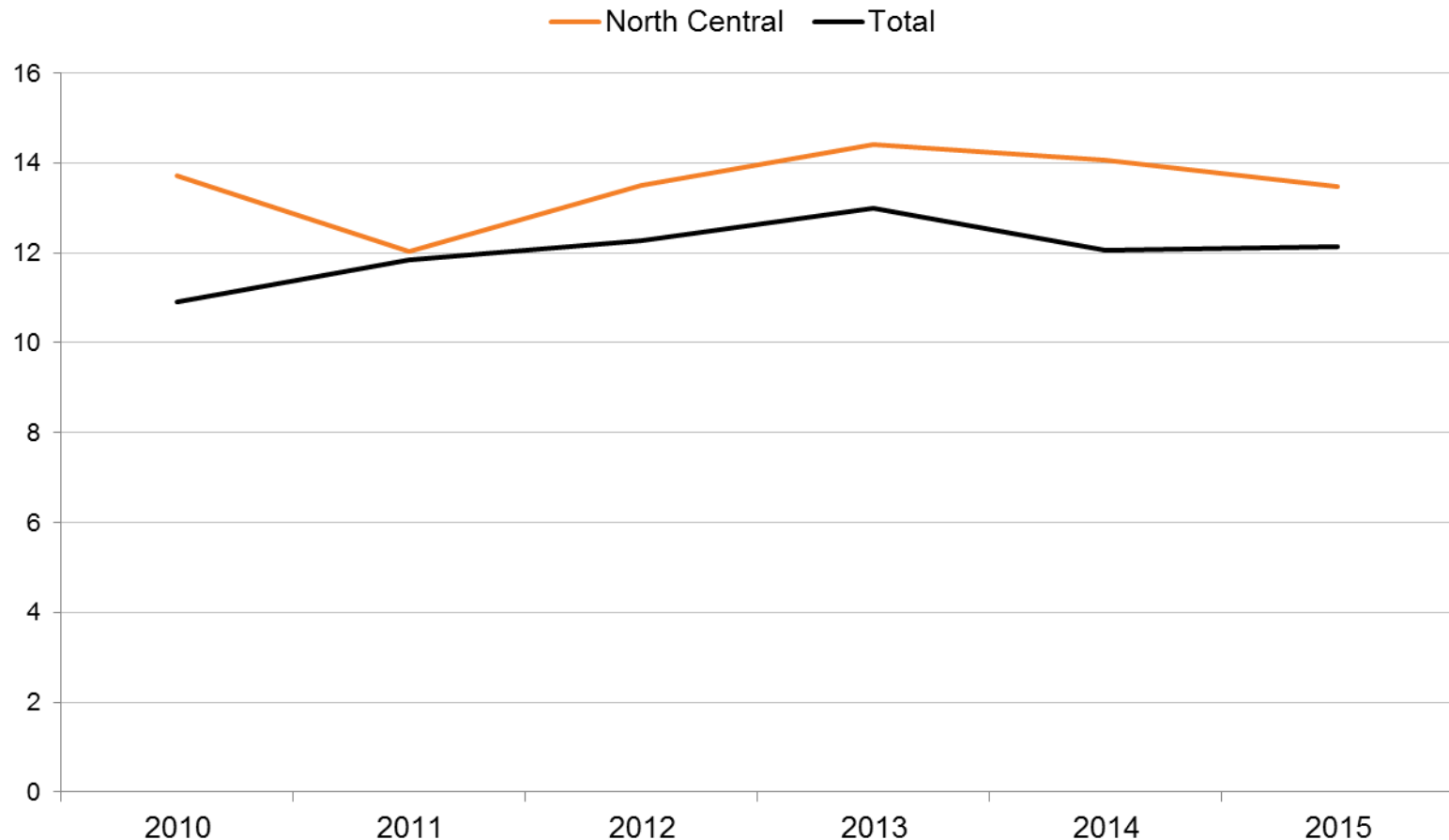
NORTH COASTAL REGION, 2010 - 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

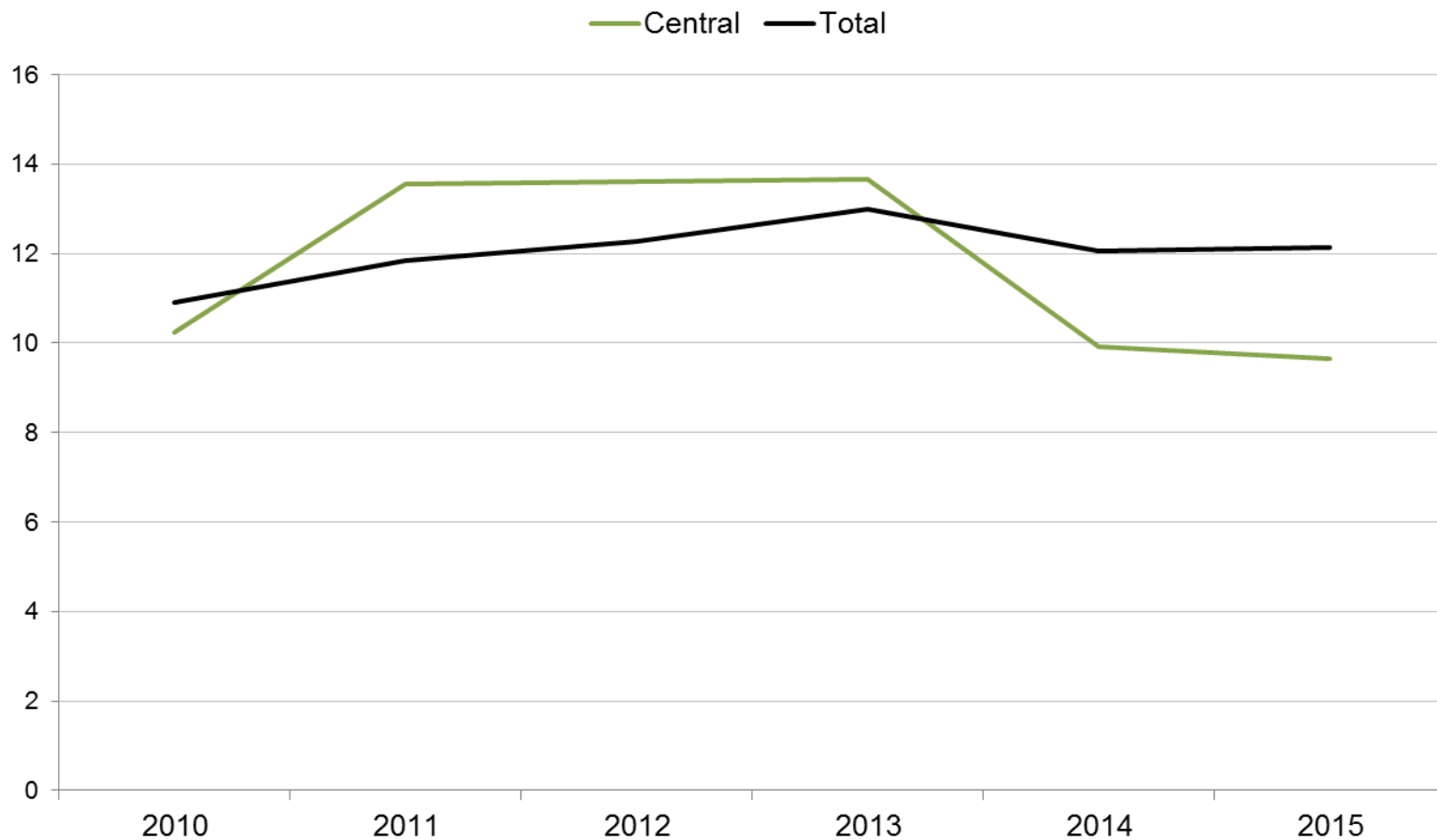
NORTH CENTRAL REGION, 2010 - 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

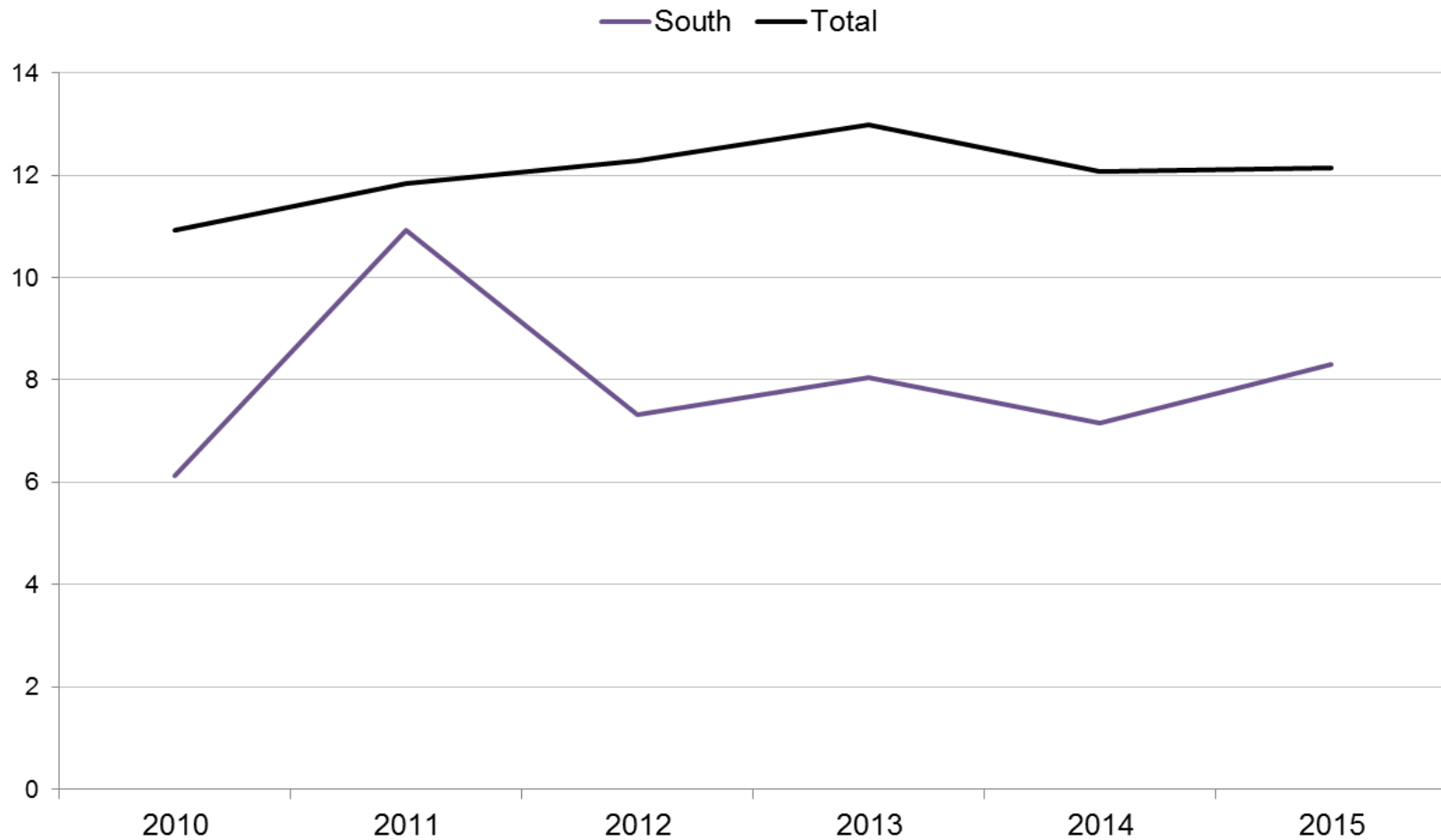
CENTRAL REGION, 2010 - 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

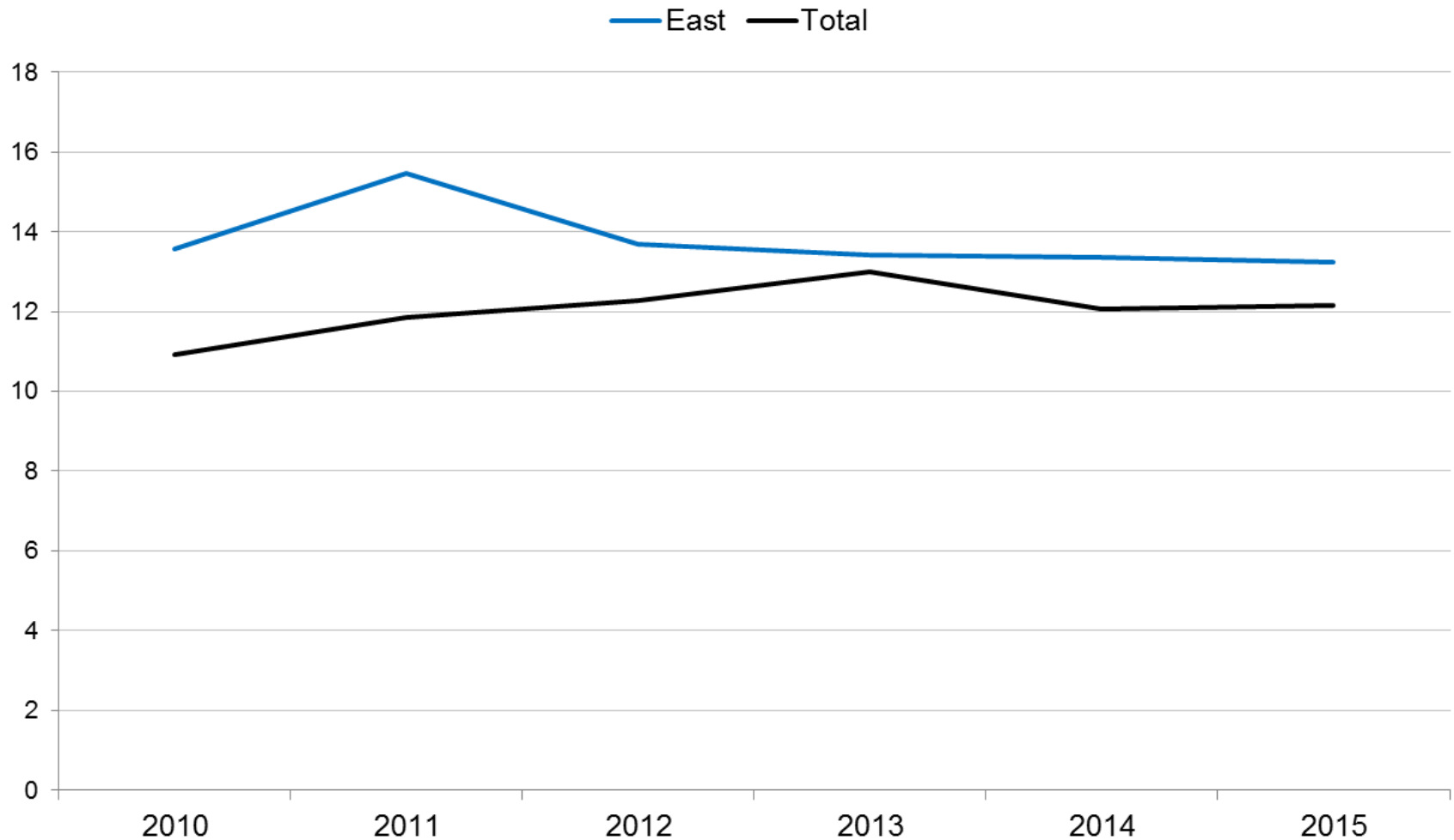
SOUTH REGION, 2010 - 2015



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

EAST REGION, 2010 - 2015



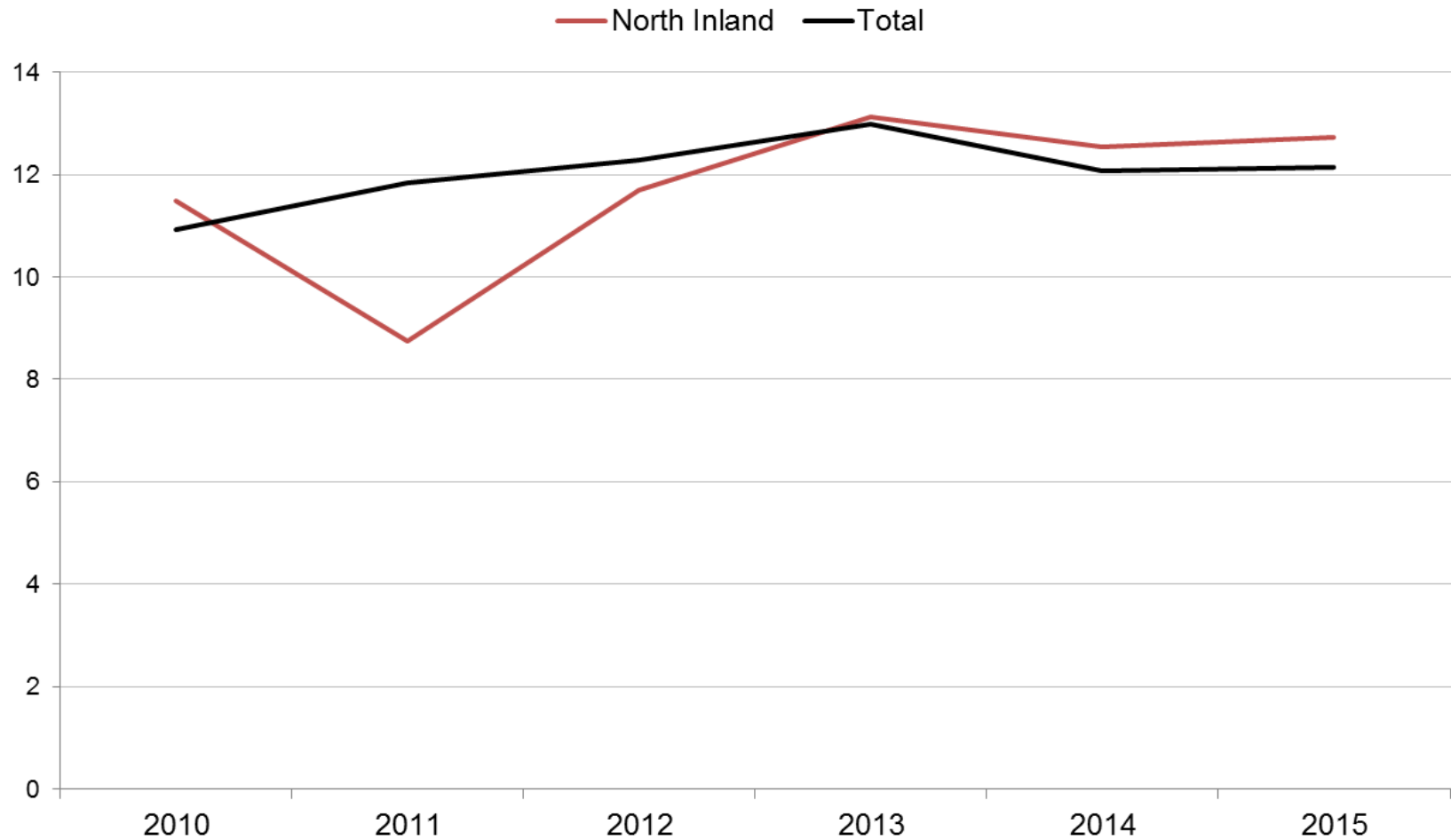
Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

NORTH INLAND REGION, 2010 - 2015



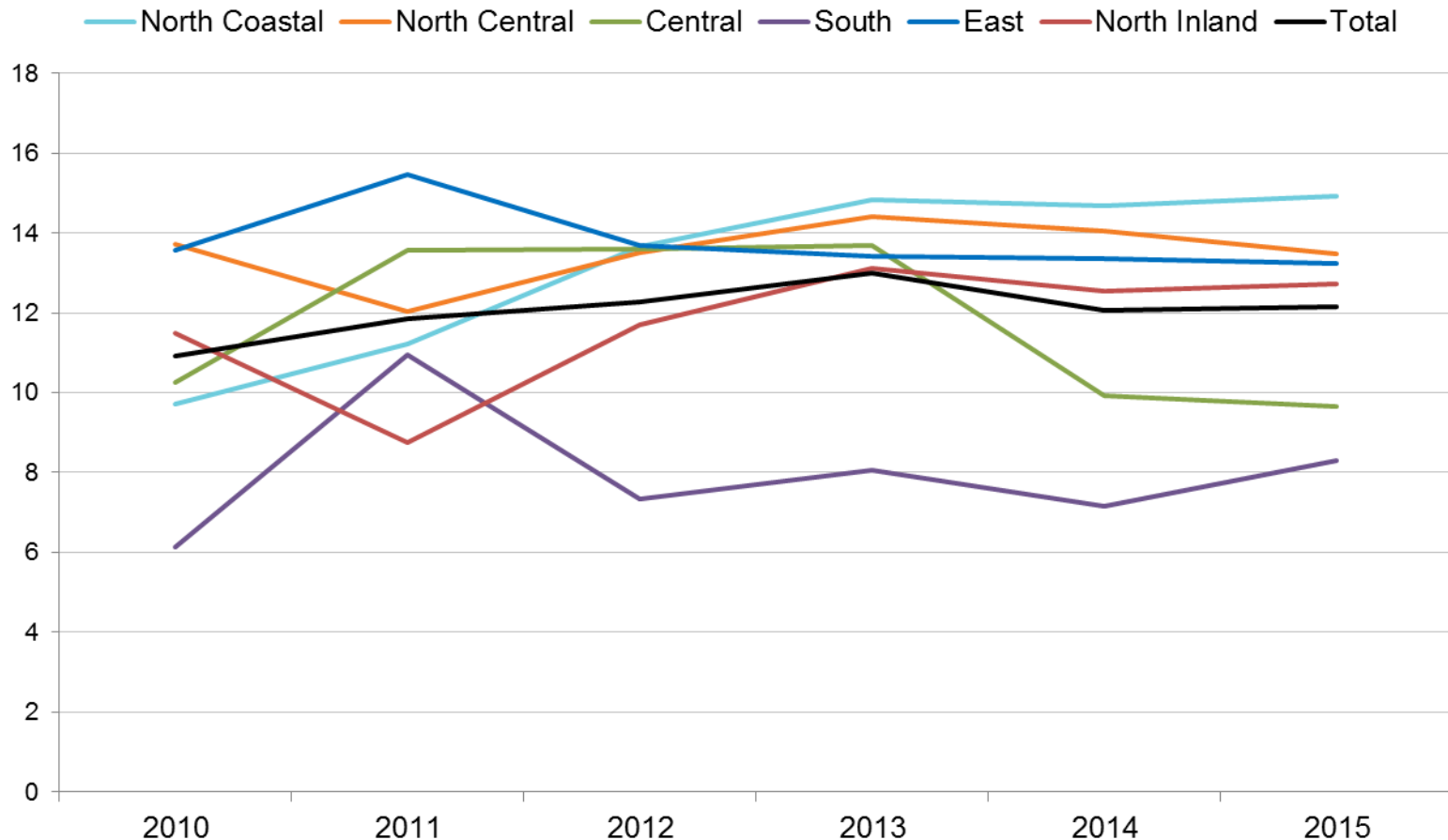
LIVE WELL
SAN DIEGO



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Rates per 100,000 people

SUICIDE RATE* BY COUNTY REGION, 2010 - 2015



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Rates per 100,000 people

SUICIDE RATE* BY COUNTY REGION, 2010 - 2015



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	2010	2011	2012	2013	2014	2015
North Coastal	9.7	11.2	13.7	14.8	14.7	14.9
North Central	13.7	12.0	13.5	14.4	14.1	13.5
Central	10.2	13.6	13.6	13.7	9.9	9.7
South	6.1	10.9	7.3	8.1	7.2	8.3
East	13.6	15.5	13.7	13.4	13.3	13.2
North Inland	11.5	8.7	11.7	13.1	12.5	12.7
Total	10.9	11.8	12.3	13.0	12.1	12.1

Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2015. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2014 American Community Survey.

Rates per 100,000 people

INCREASE IN SUICIDE IN THE UNITED STATES, 1999–2014



LIVE WELL
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DATA FROM THE NATIONAL VITAL STATISTICS SYSTEM, MORTALITY

- From 1999 through 2014, the age-adjusted suicide rate in the United States increased 24%, from 10.5 to 13.0 per 100,000 population, with the pace of increase greater after 2006.
- Suicide rates increased from 1999 through 2014 for both males and females and for all ages 10–74.
- The percent increase in suicide rates for females was greatest for those aged 10–14, and for males, those aged 45–64.
- The most frequent suicide method in 2014 for males involved the use of firearms (55.4%), while poisoning was the most frequent method for females (34.1%).
- Percentages of suicides attributable to suffocation increased for both sexes between 1999 and 2014.

2015 IN SUMMARY



LIVE WELL
SAN DIEGO

- After three years of increase, the annual suicide rate decreased in San Diego County in 2014 and remained constant in 2015.
 - However, there has been trend of increasing suicides over the last decade.
- In 2015, there were 7 times as many suicides in the County as there were homicides.
- There were 3 times as many male suicides as there were female suicides.
- Suicide rates generally increase with age.
- 58% of all suicides are white males



- Divorced and widowed males had higher rates of suicide.
- The most common drugs present in suicides were alcohol, benzodiazepines, and prescription opioids.
- The San Diego County suicide rate is similar to the national rate but is higher than the California state rate.
- The North Coastal Region has the highest suicide rate and the South Region has the lowest.



THANK YOU

Joshua.Smith@sdcounty.ca.gov

