



SUICIDE IN SAN DIEGO COUNTY, 2016

JUNE 27, 2017

SPC ANNUAL STAKEHOLDERS MEETING

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County of San Diego, Health and Human Services Agency

Public Health Services

Emergency Medical Services



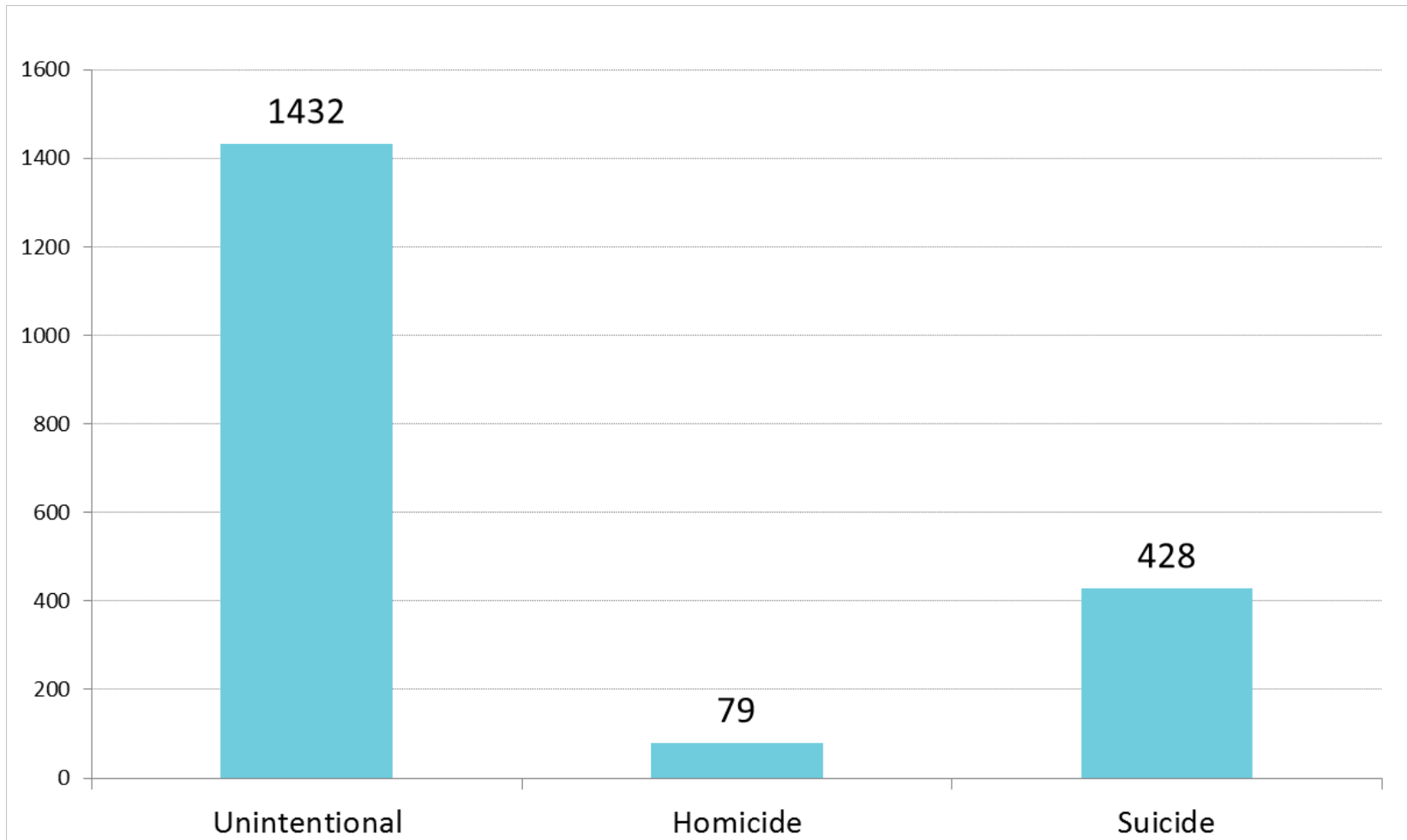
SUICIDES IN 2016



Total number of suicides in 2016: 428

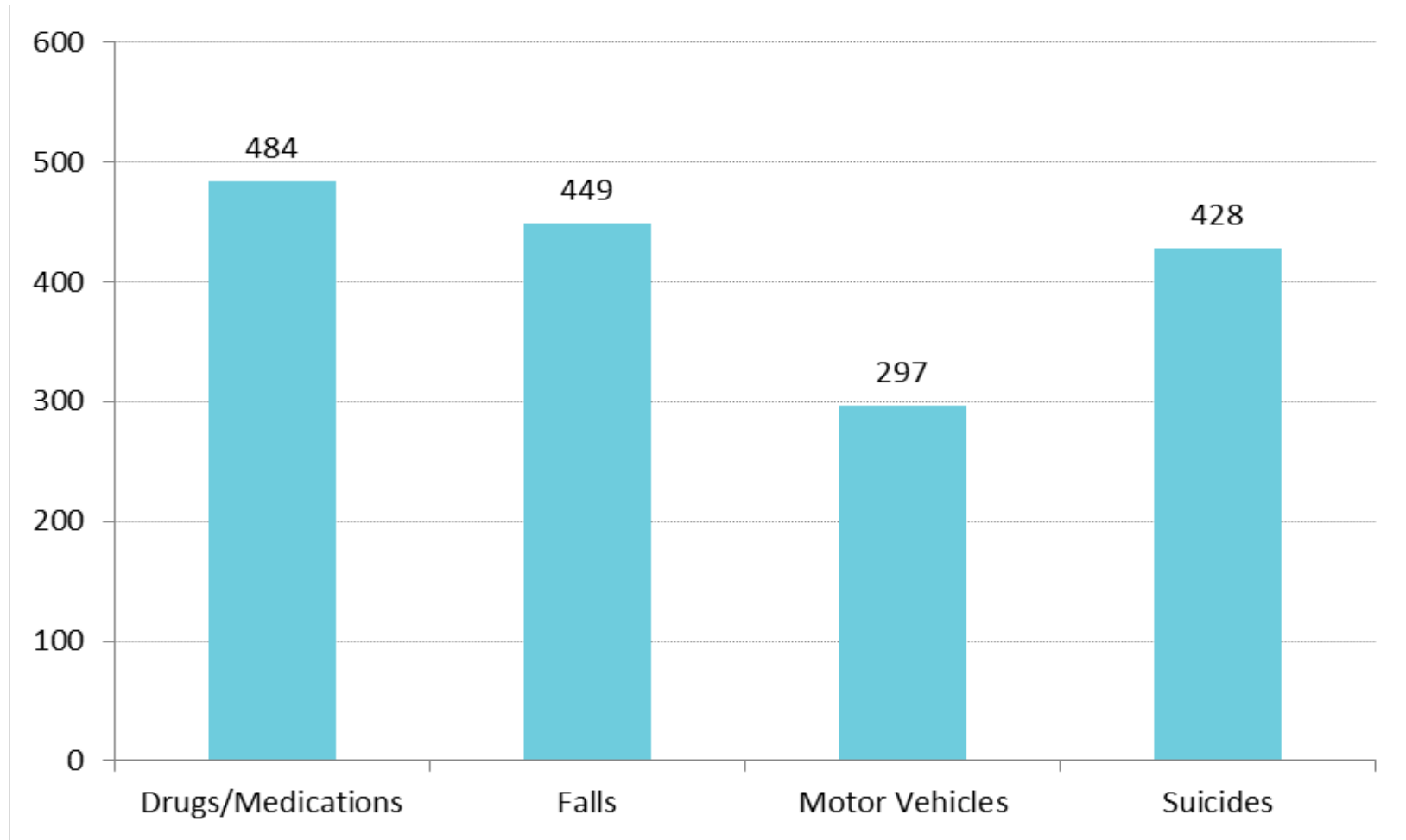
- 14.9 per 100,000 people (10+ years old)
- Similar to 2015
- 5% decrease since 2013
- Gender
 - 319 males
 - 109 females
- Age range
 - 12 to 99 years

NON-NATURAL DEATHS IN SAN DIEGO COUNTY, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

SUICIDES VS UNINTENTIONAL DEATHS, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

SUICIDES BY AGE GROUP IN 2016



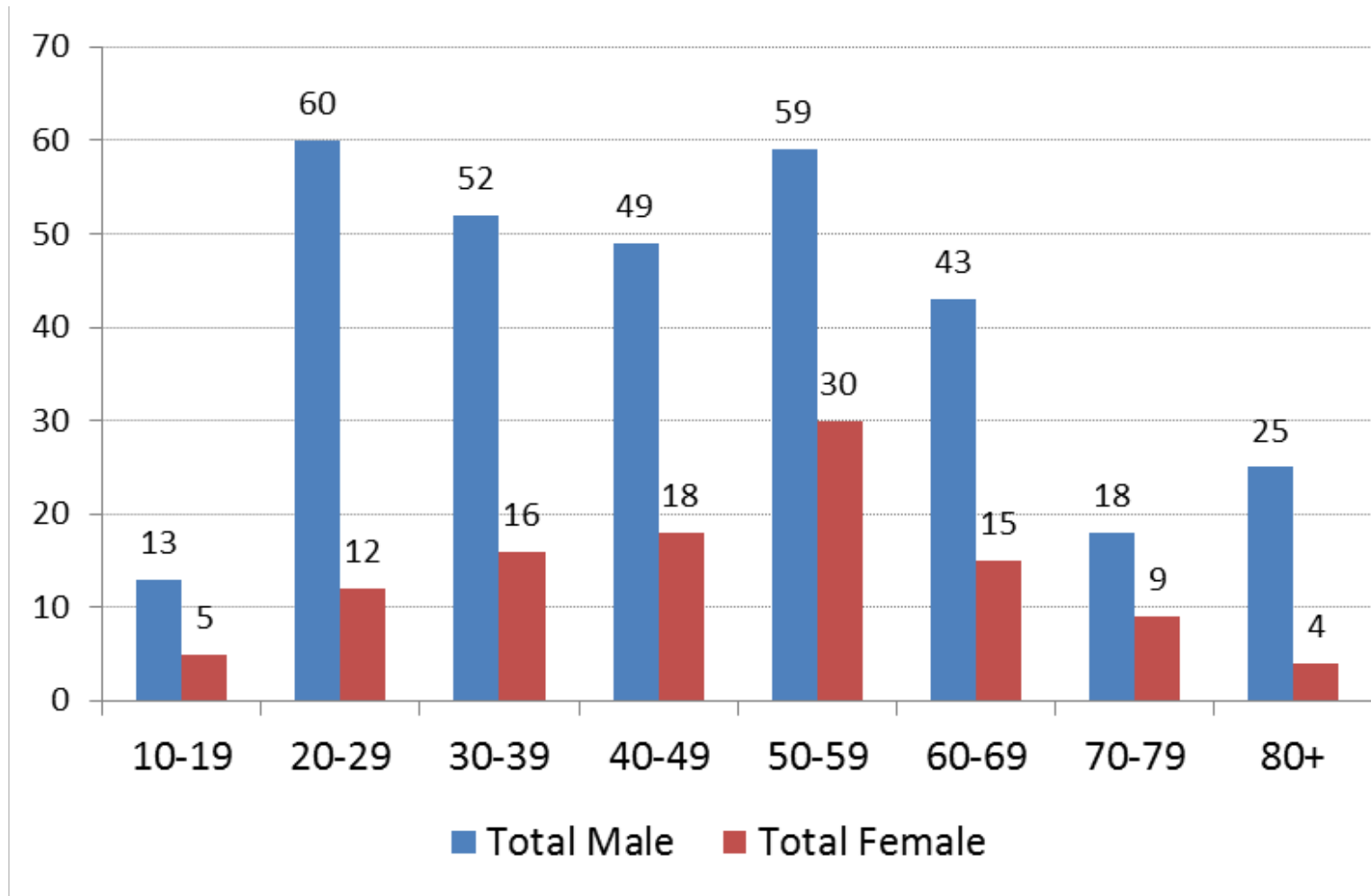
Age Group	Male	Male Rate**	Female	Female Rate**	Total	Total Rate**
10-19	13	6.7	5	2.4	18	4.5
20-29	60	23.8	12	4.0	72	13.1
30-39	52	22.6	16	6.5	68	14.3
40-49	49	23.4	18	8.6	67	16.0
50-59	59	27.6	30	14.4	89	21.1
60-69	43	25.7	15	9.9	58	18.2
70-79	18	19.2	9	11.8	27	15.9
80+	25	35.6	4	*	29	25.1

*Rates not calculated for totals less than 5

**Rates per 100,000 people

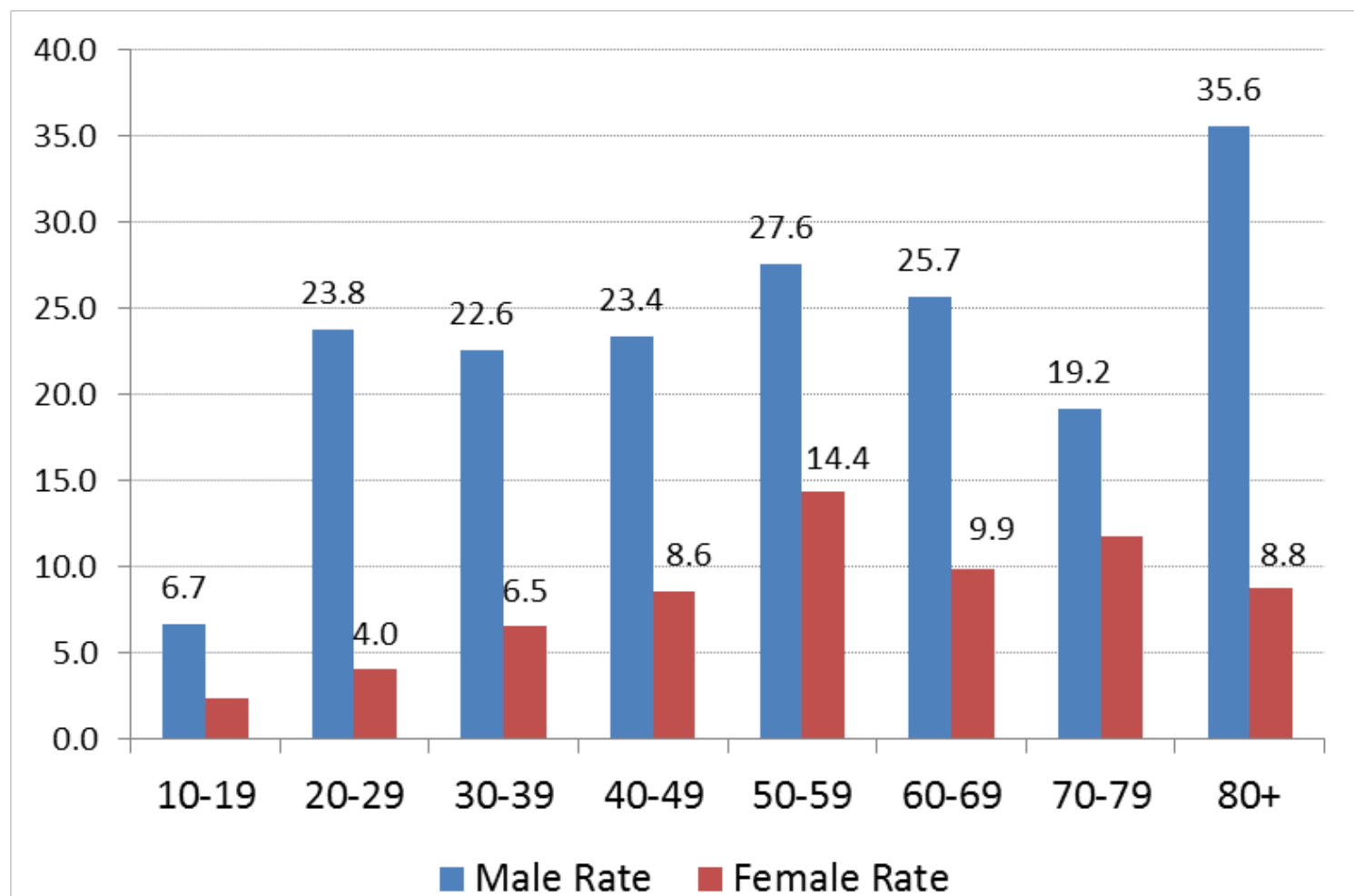
Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

TOTAL SUICIDES BY AGE GROUP AND GENDER, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

SUICIDE RATES BY AGE GROUP AND GENDER, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

SUICIDES BY RACE/ETHNICITY IN 2016



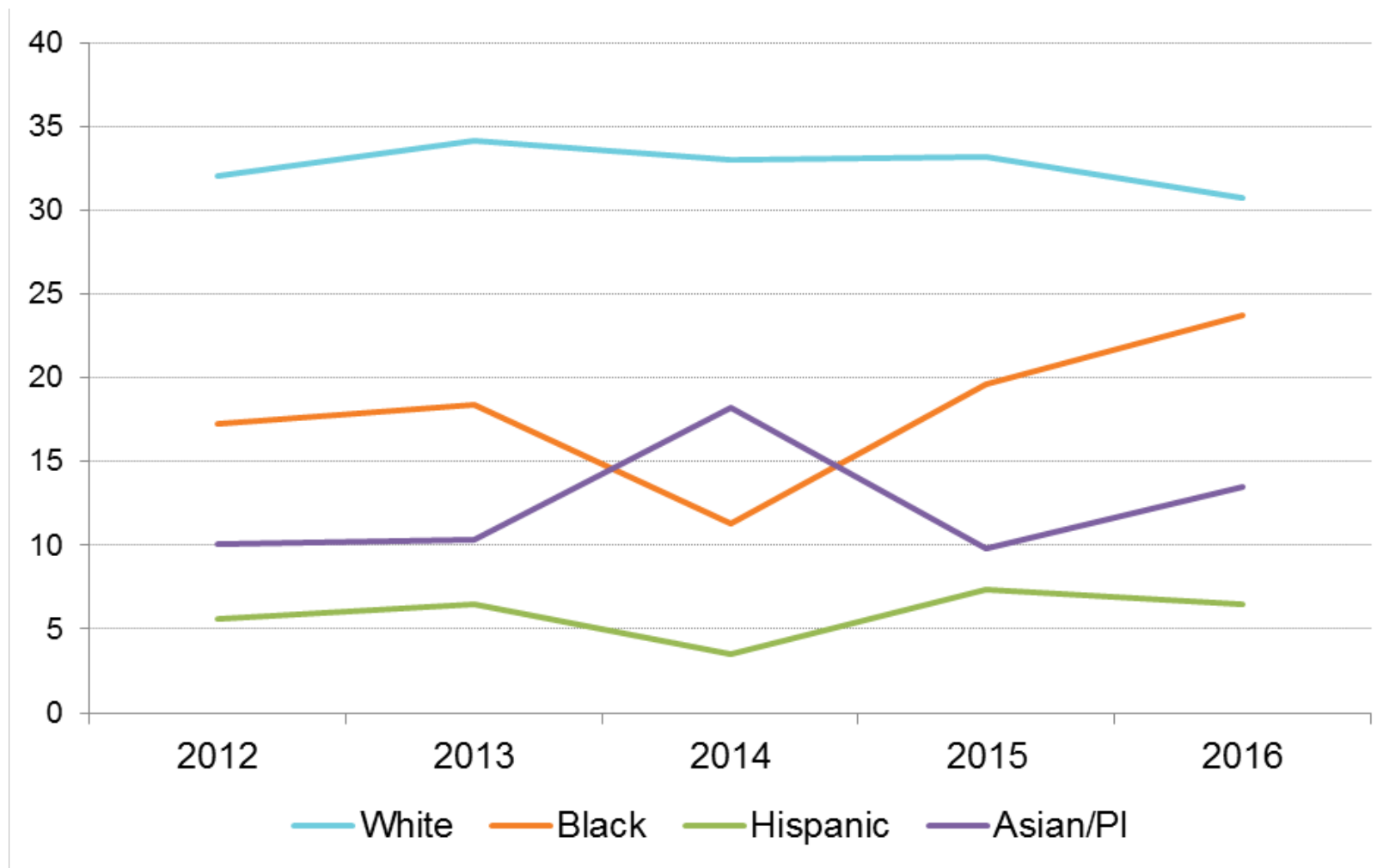
Race/ Ethnicity	Male	Male Rate**	Female	Female Rate**	Total	Total Rate**
White	228	30.7	82	10.5	310	20.4
Black	17	23.7	3	*	20	12.7
Hispanic	36	6.5	10	1.8	46	4.2
Asian/PI	28	13.4	6	3.3	34	8.7

*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 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

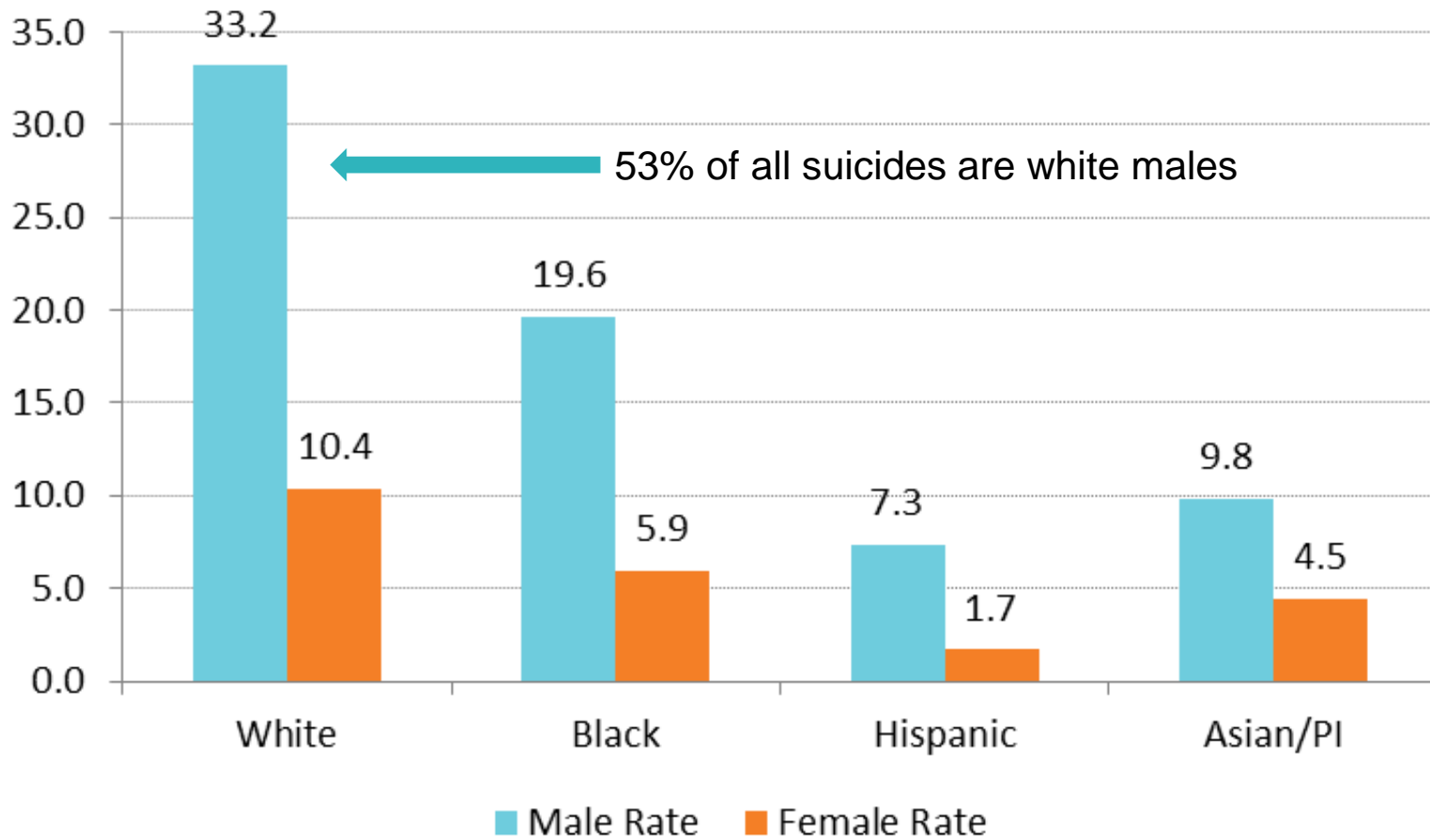
MALE SUICIDE RATES* BY RACE/ETHNICITY, 2012 -2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

*Rates per 100,000 people

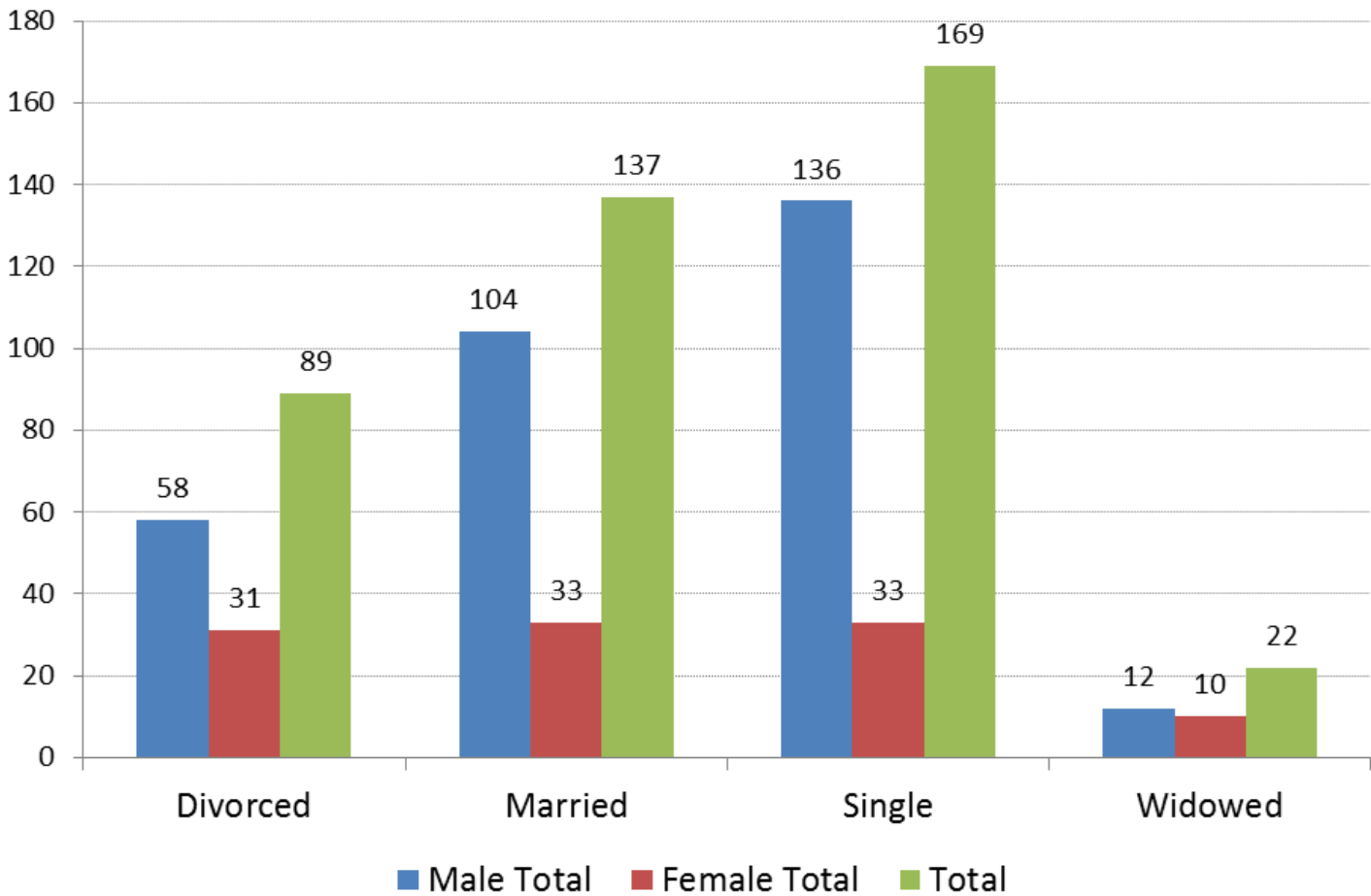
SUICIDE RATES BY RACE AND GENDER, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

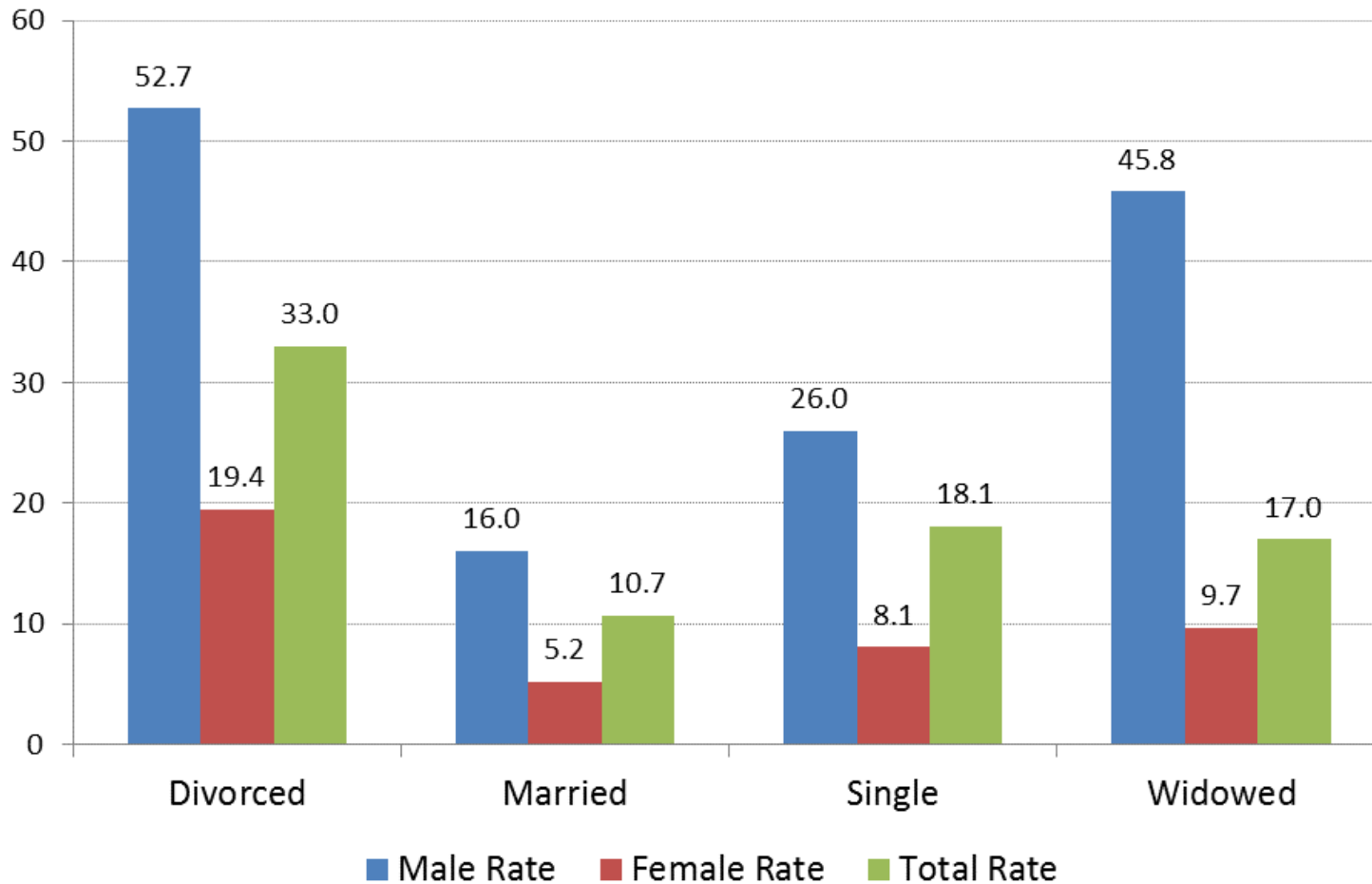
Rates per 100,000 people

SUICIDES BY MARITAL STATUS, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

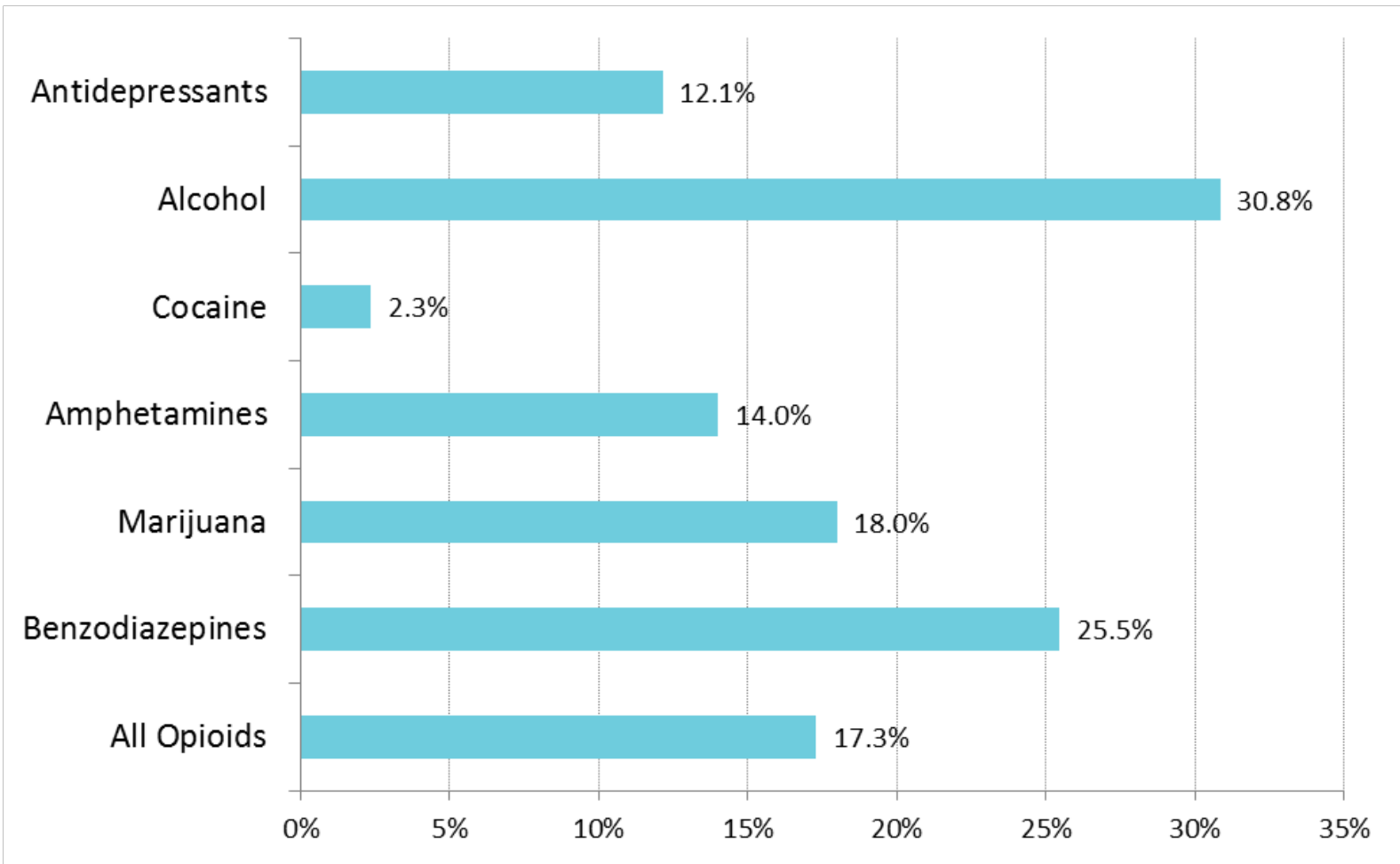
SUICIDE RATES BY MARITAL STATUS, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

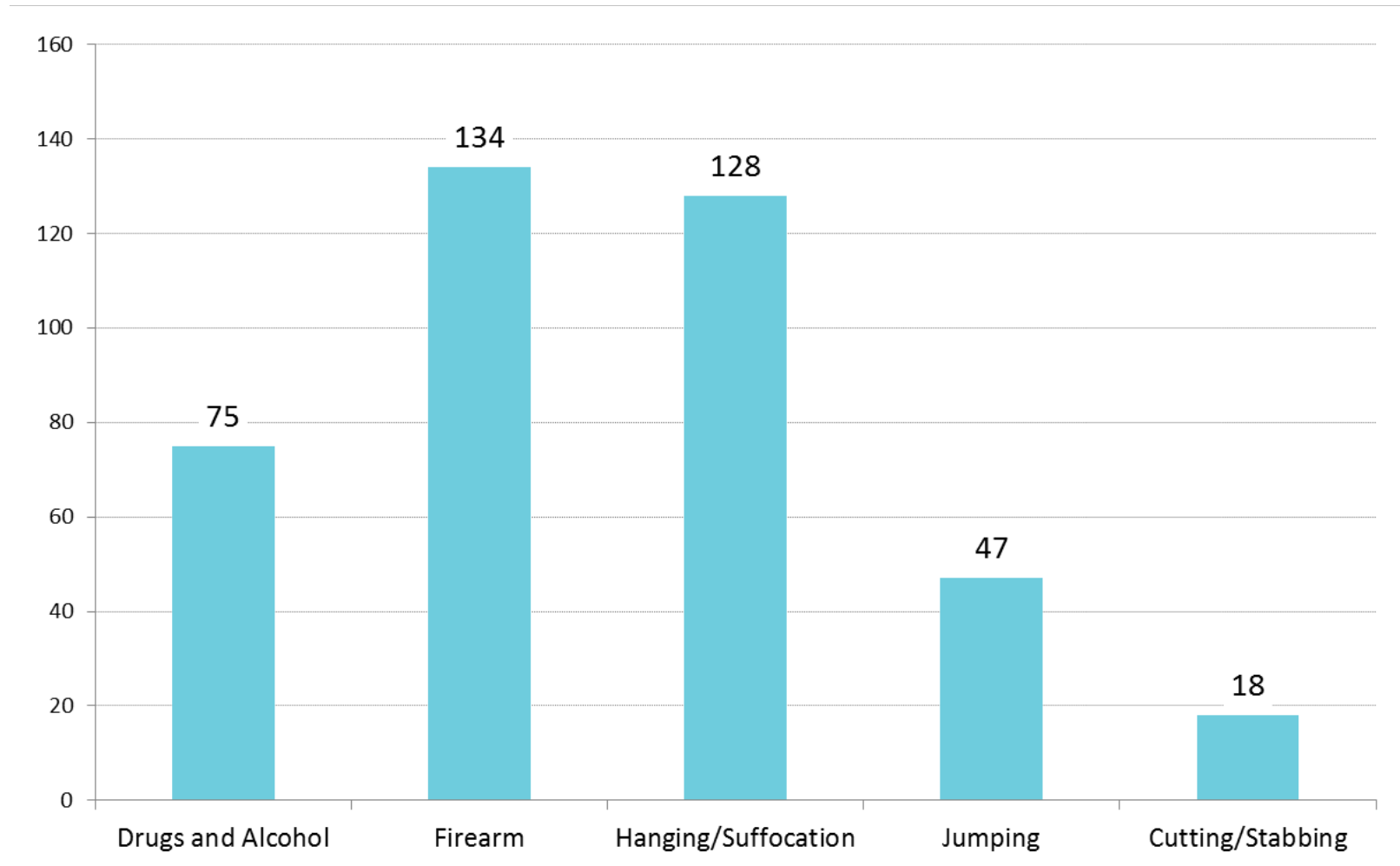
Rates per 100,000 people

TOXICOLOGY RESULTS FOR SUICIDES, 2016



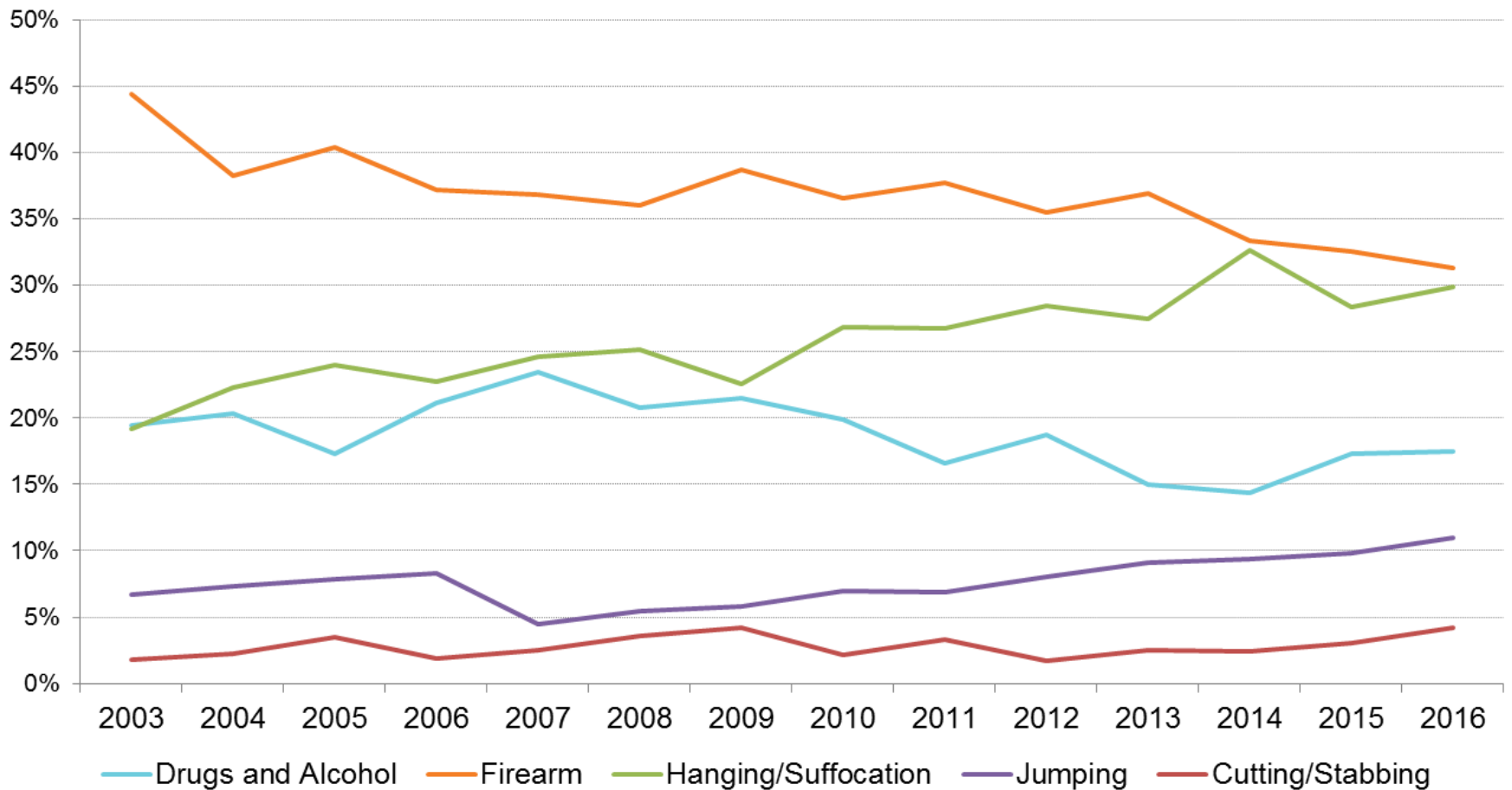
Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

METHOD OF SUICIDE, 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

PERCENT METHOD OF SUICIDE, 2003 - 2016

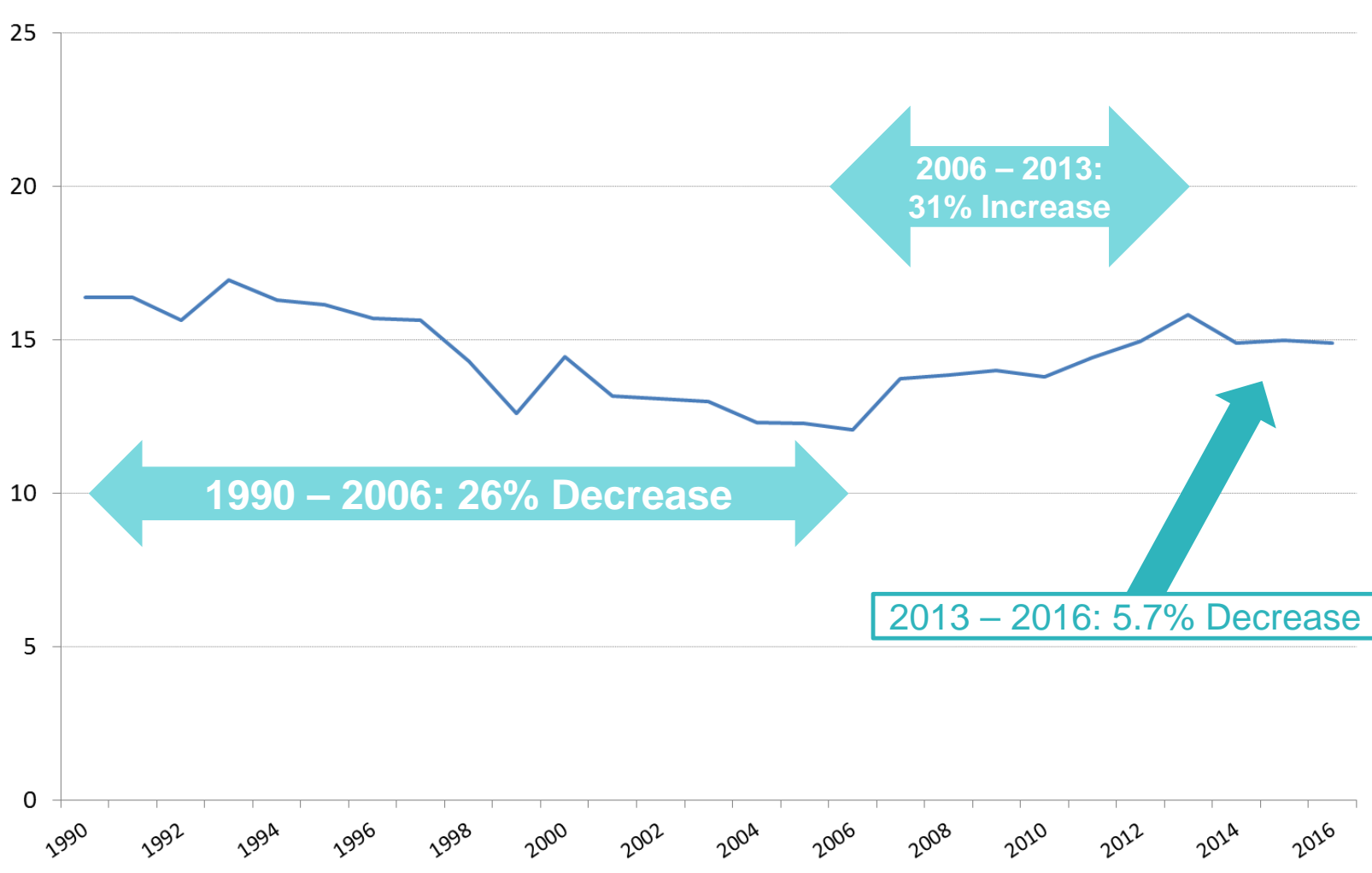


Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.



SUICIDE TRENDS

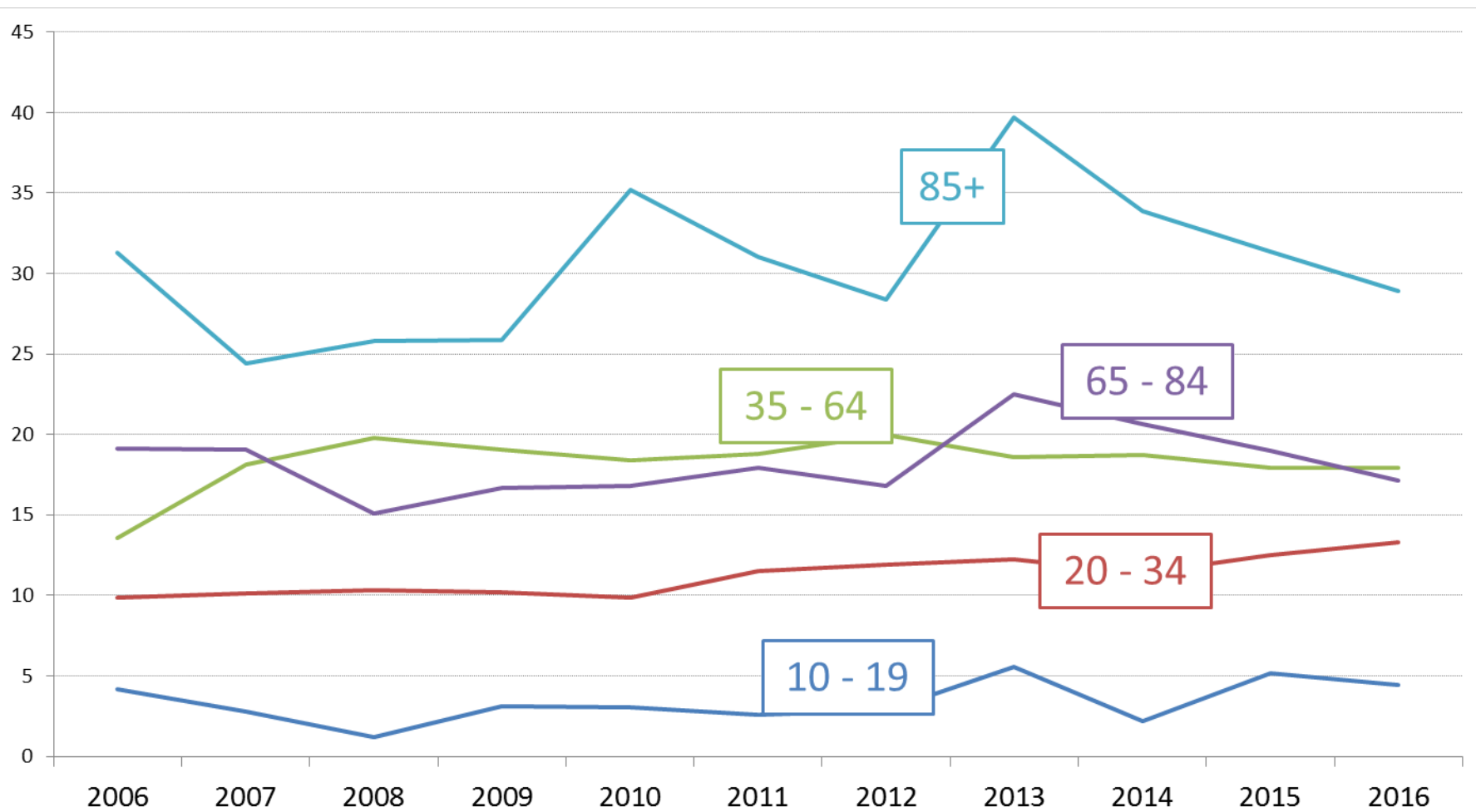
SAN DIEGO COUNTY SUICIDE RATES, 1990 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

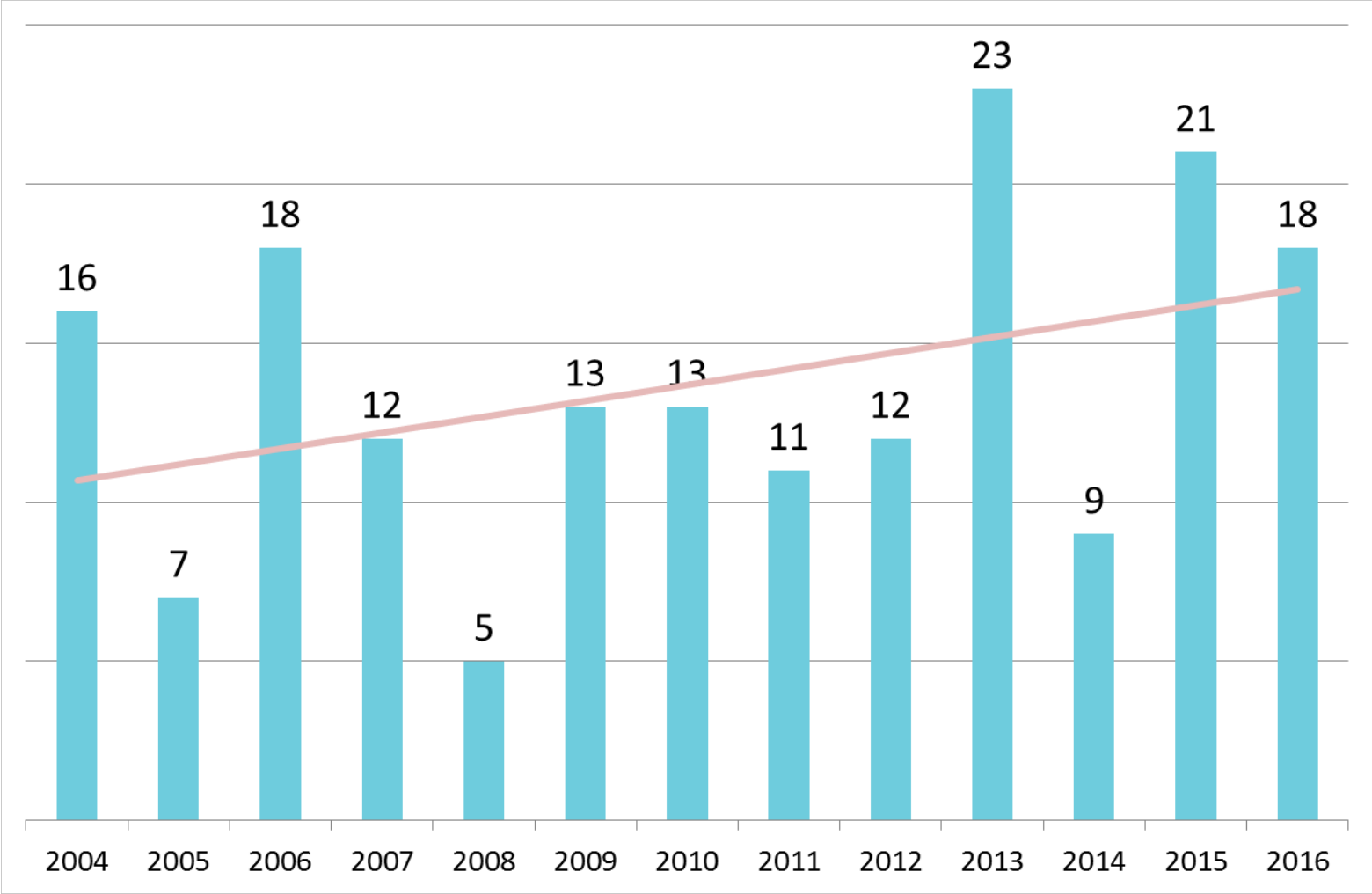
Rates per 100,000 people aged 10+

SUICIDE RATES BY AGE GROUP, 2006-2016



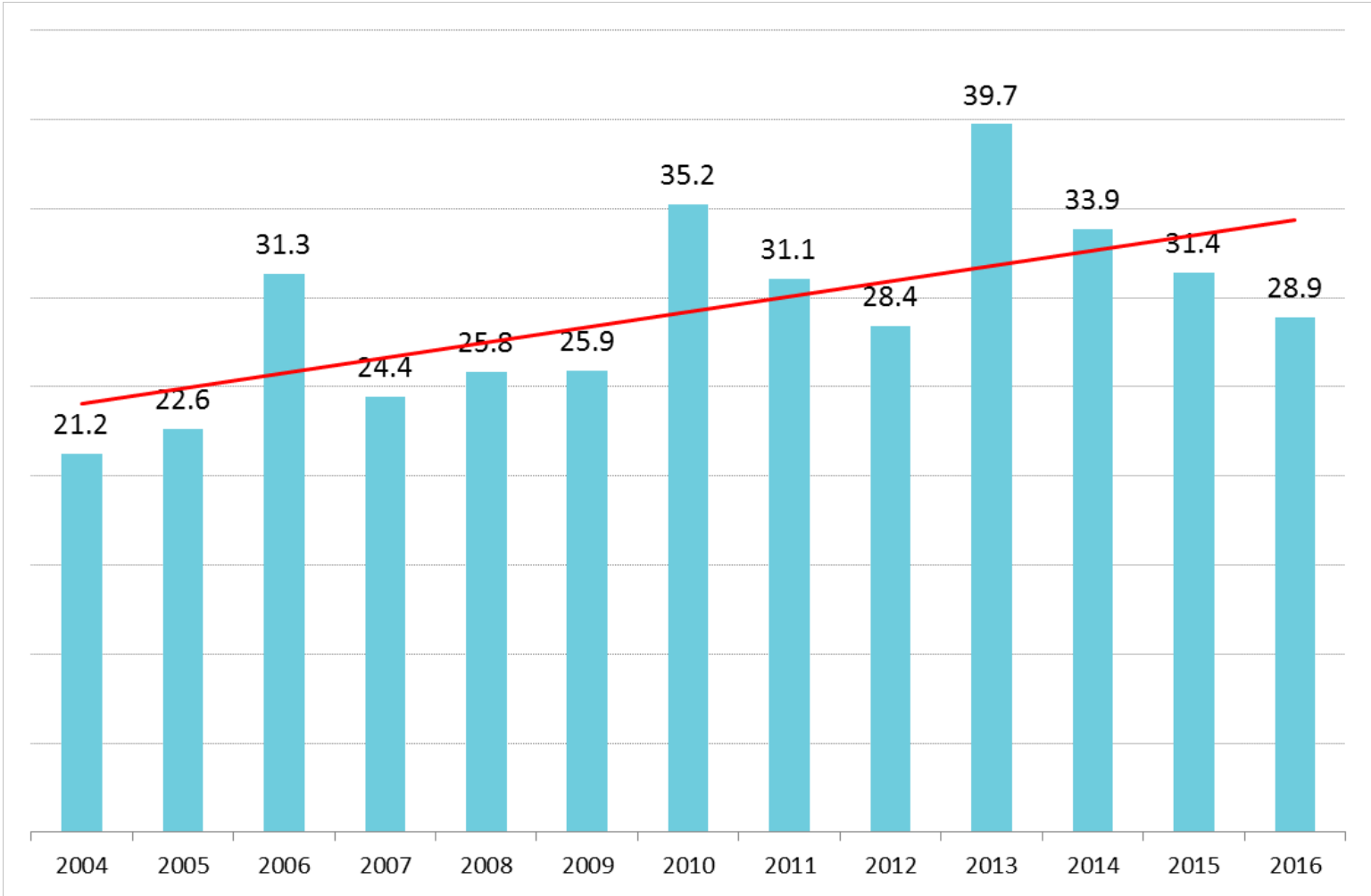
Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

SUICIDE TRENDS, 10 - 19 YEARS OLD 2004 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

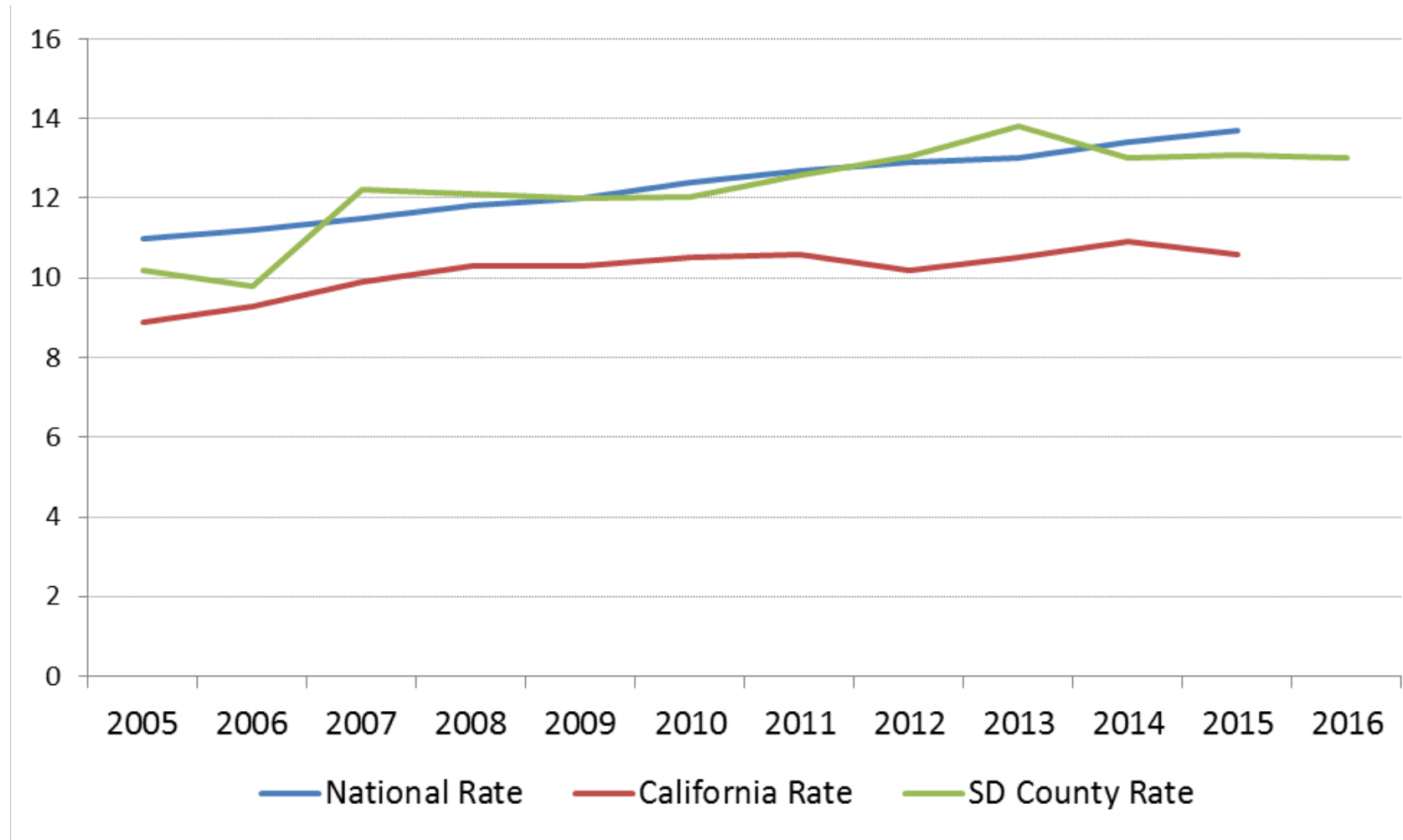
SUICIDE RATE TRENDS, 85 YEARS AND OLDER



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

NATIONAL & STATE COMPARISON, 2005-2016

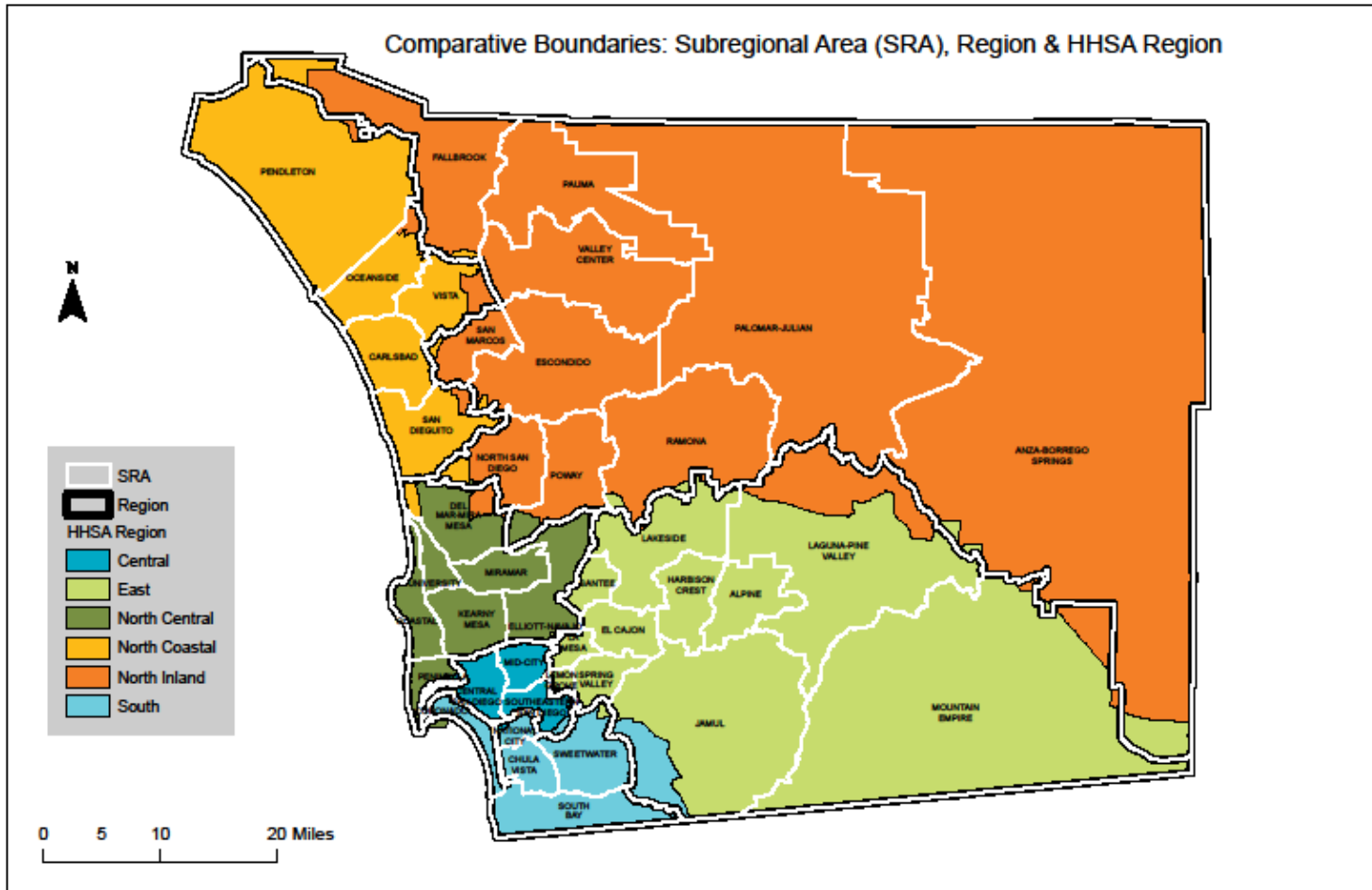


Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.



SUICIDES BY COUNTY REGION

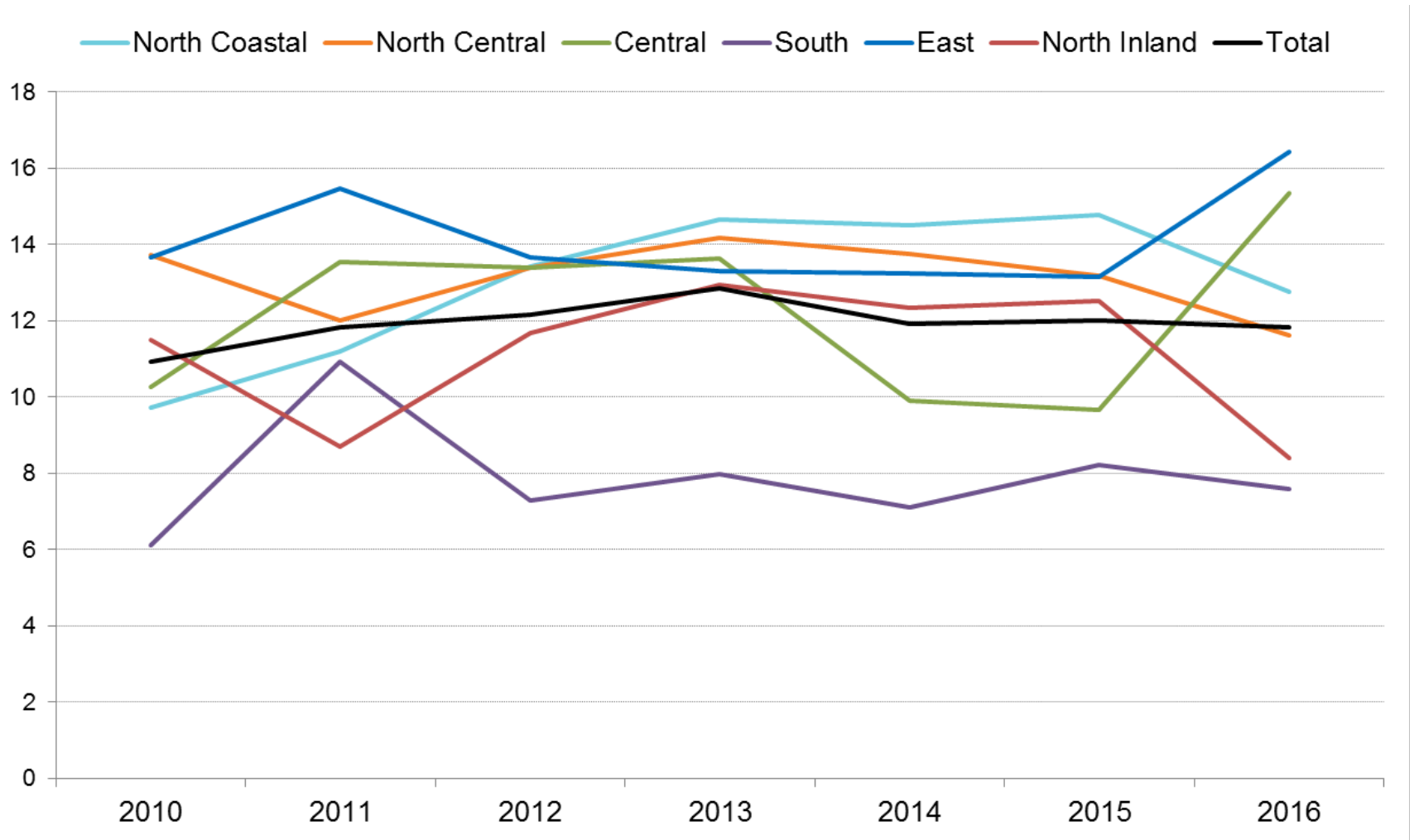
COUNTY OF SAN DIEGO HHSA REGIONS



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



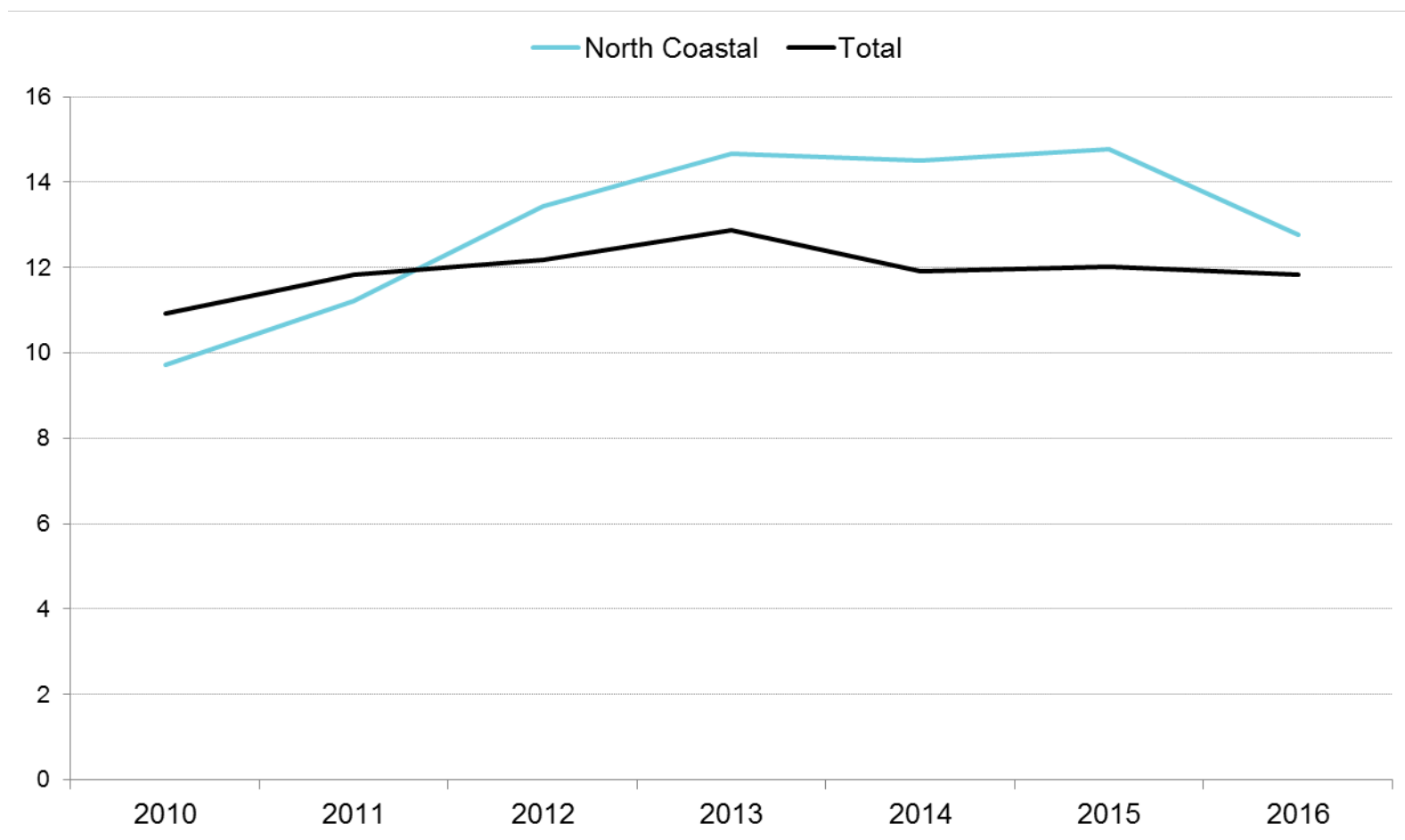
SUICIDE RATE* BY COUNTY REGION, 2010 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

*Rates per 100,000 people

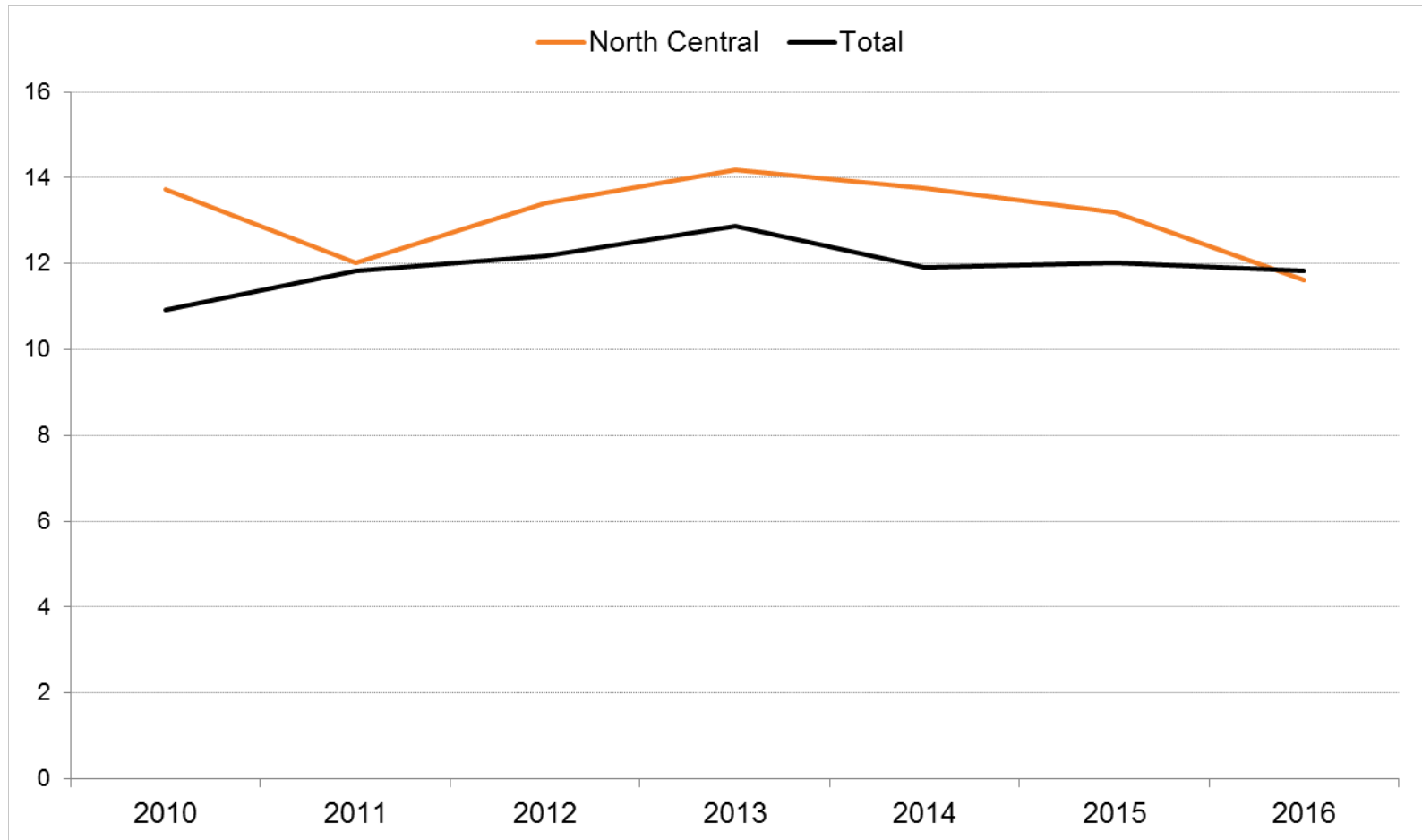
NORTH COASTAL REGION, 2010 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

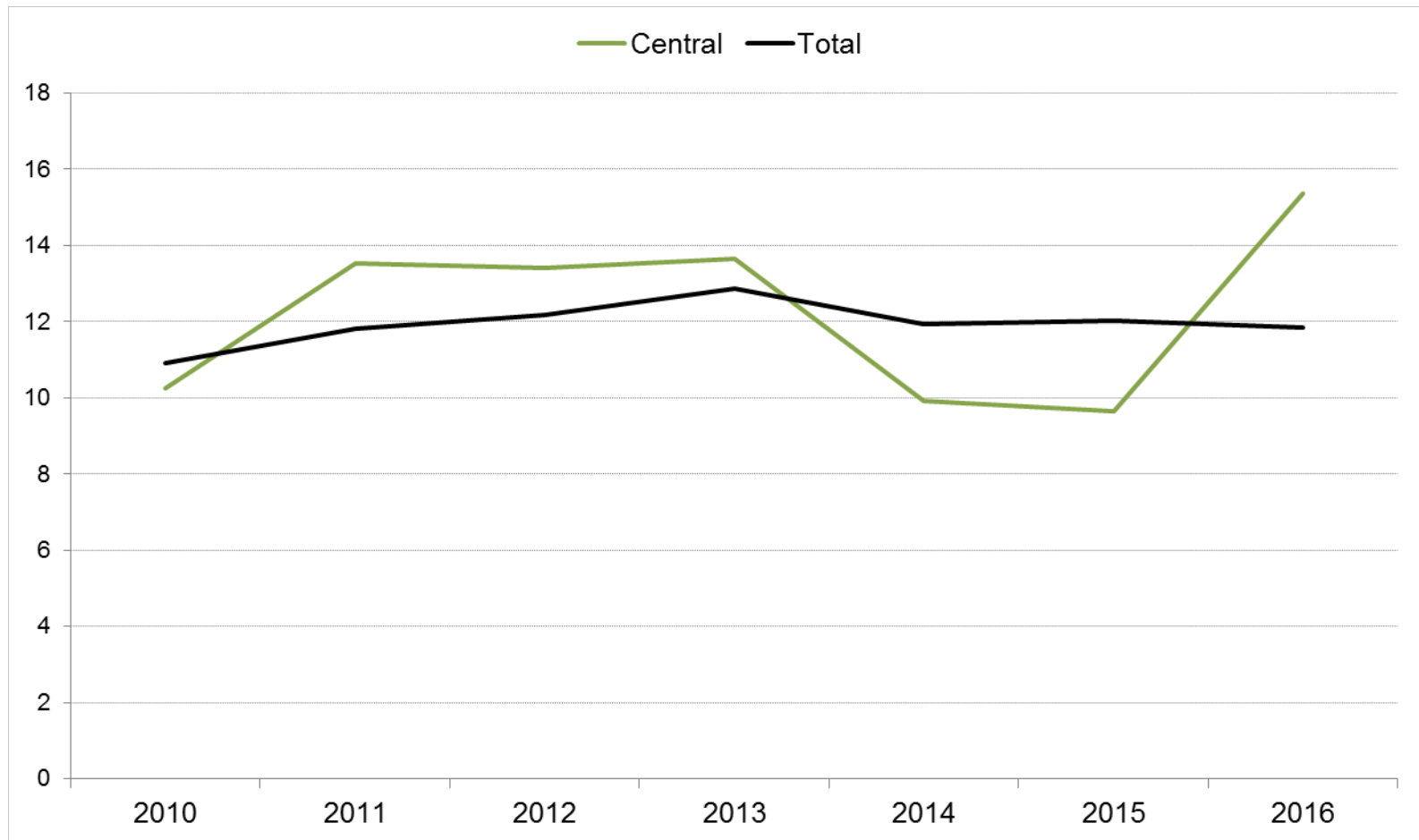
NORTH CENTRAL REGION, 2010 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

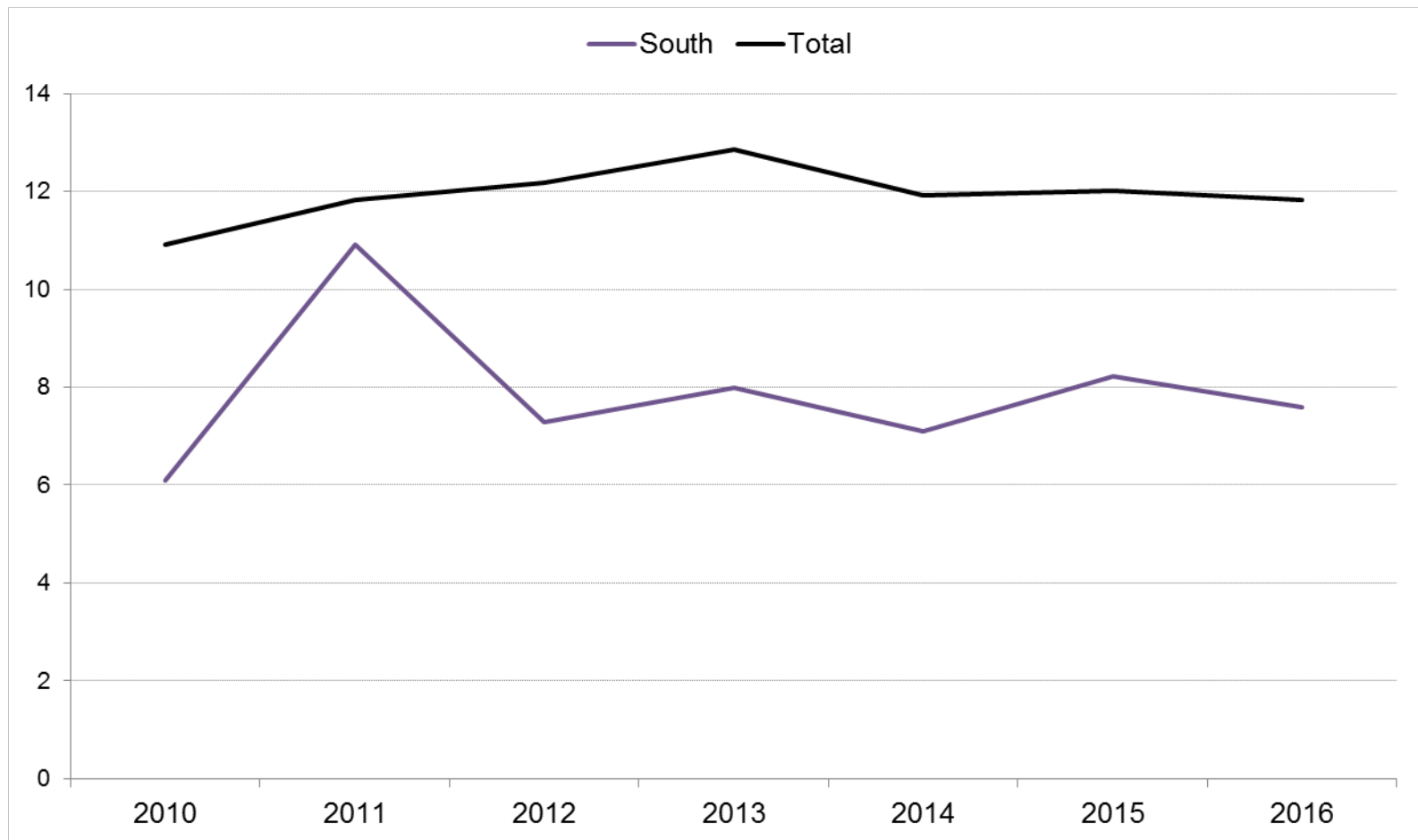
CENTRAL REGION, 2010 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

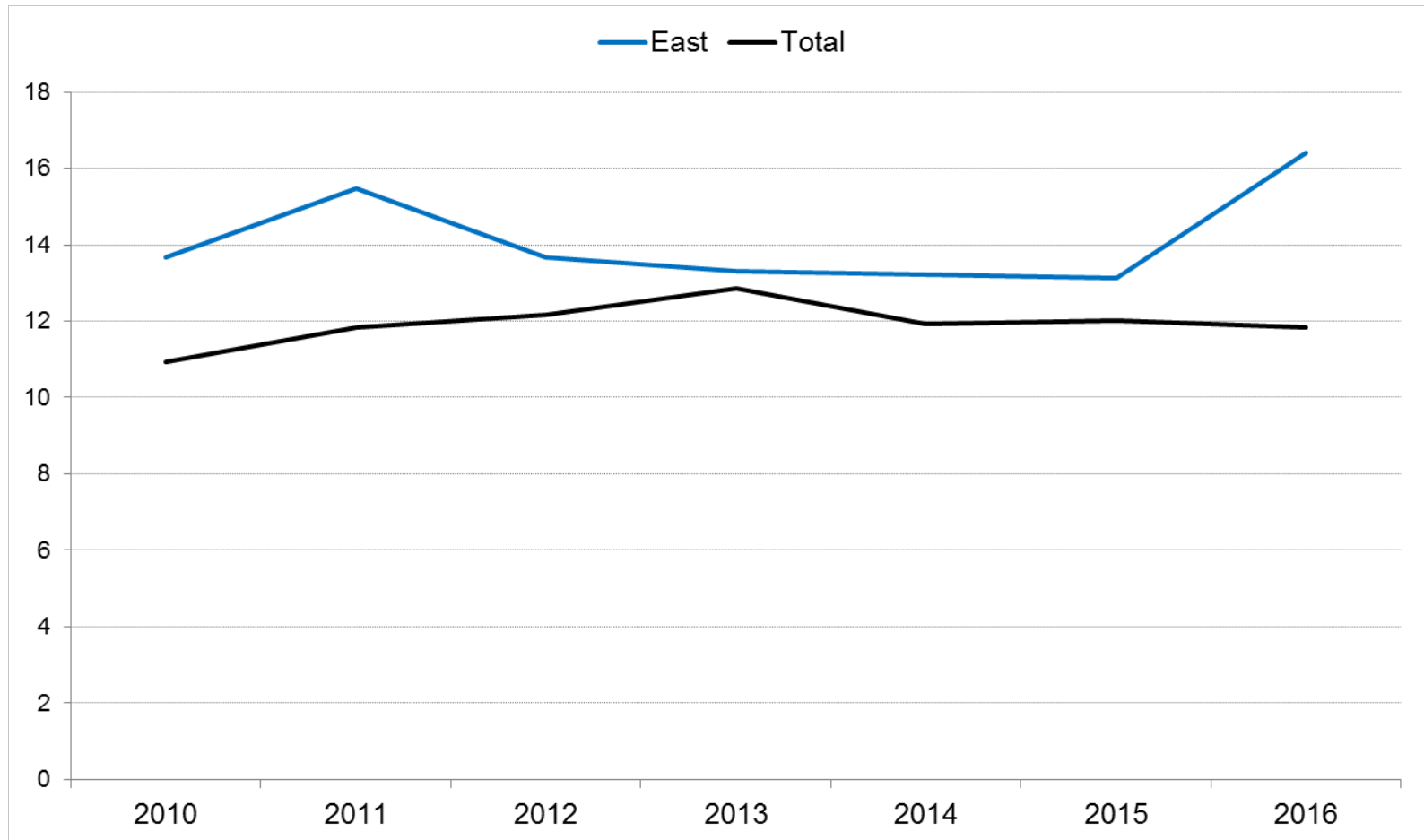
SOUTH REGION, 2010 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

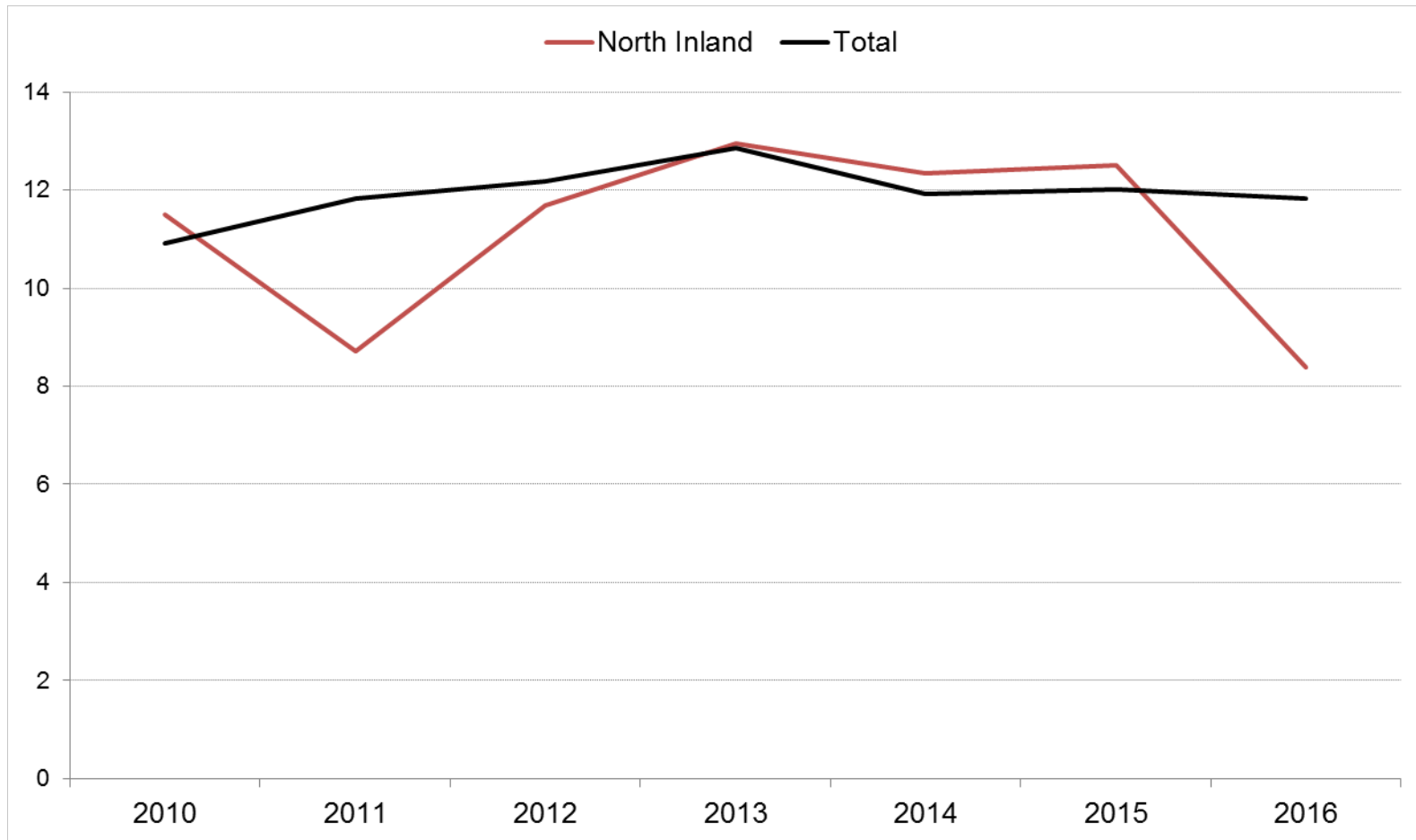
EAST REGION, 2010 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

NORTH INLAND REGION, 2010 - 2016



Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people

SUICIDE RATE* BY COUNTY REGION, 2010 - 2016



	2010	2011	2012	2013	2014	2015	2016
North Coastal	9.7	11.2	13.4	14.7	14.5	14.8	12.8
North Central	13.7	12.0	13.4	14.2	13.8	13.2	11.6
Central	10.3	13.5	13.4	13.6	9.9	9.7	15.4
South	6.1	10.9	7.3	8.0	7.1	8.2	7.6
East	13.7	15.5	13.7	13.3	13.2	13.1	16.4
North Inland	11.5	8.7	11.7	12.9	12.3	12.5	8.4
Total	10.9	11.8	12.2	12.9	11.9	12.0	11.8

Sources: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Medical Examiner Database, 2000 – 2016. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2016. CDC WONDER On-line Database. U.S. Census Bureau, 2007-2016 American Community Survey.

Rates per 100,000 people



- After a distinct period of increased suicide in San Diego County (2006 – 2013), the annual suicide rate has decreased slightly from 2013 to 2016
- In 2016, there were 5 times as many suicides in the County as there were homicides.
- There were about 3 times as many male suicides as there were female suicides.
- Suicide rates generally increase with age.
- We have seen a short-term increase in black male suicides.
- 53% of all suicides are white males, which is lower than in previous years



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



THANK YOU

Joshua.Smith@sdcounty.ca.gov

