



# CVP

Center for Vulnerable Populations  
at San Francisco General Hospital and  
Trauma Center

## Issue Brief: Cardiovascular Disease Disparities

# CHARM

Center for Health And Risk in  
Minority youth and young adults

Funded by the National Institute of Minority and Health Disparities

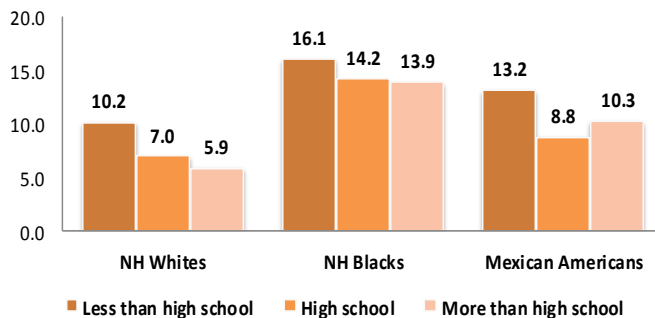
February 2013

## Disparities in cardiovascular disease and risk factors

### Key Insights

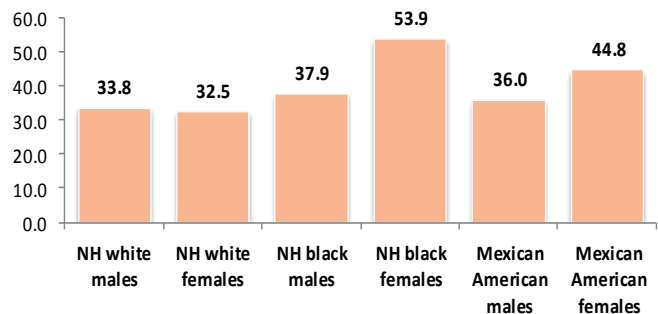
- African American adults have one of the highest rates of hypertension in the world at 44%<sup>1</sup>

Prevalence (%) of physician-diagnosed type 2 diabetes in adults ≥20 years of age, 2007-2010



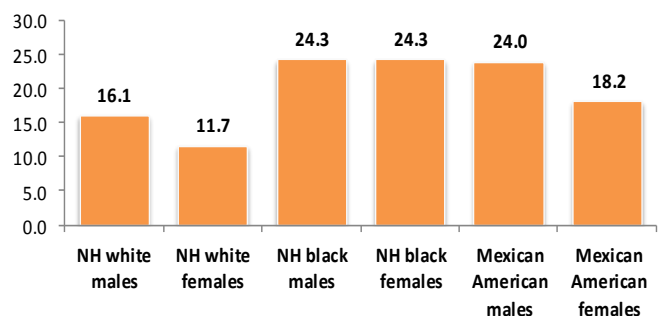
- Type 2 diabetes affects minorities at vastly disproportionate levels than non-Hispanic whites<sup>1</sup>
- Education level affects likelihood of developing type 2 diabetes, with more education risk decreases<sup>1</sup>

Prevalence (%) of obesity in adults, 2007-2010, >20 years of age



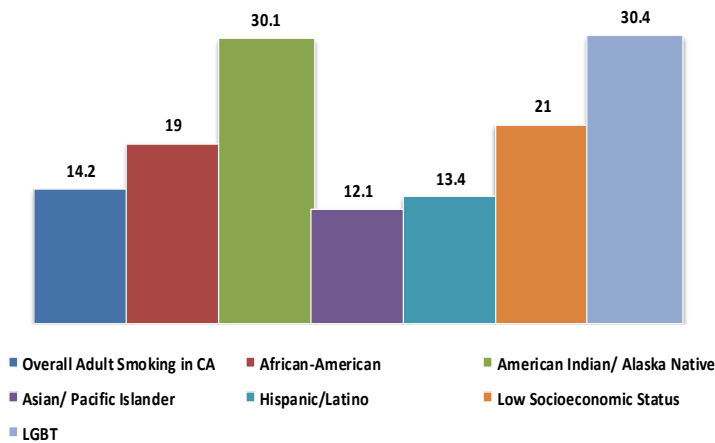
- Socioeconomic factors such as low-income, low-education level, higher-unemployment households increase risk of obesity<sup>1</sup>
- Obesity prevalence is higher among minorities than non-Hispanic whites<sup>1</sup>

Prevalence (%) of obesity in Children, 2009-2010, ages 2-19



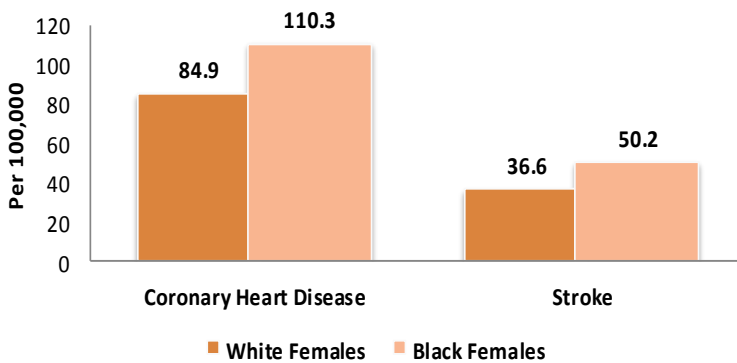
- Obesity disparities between non-Hispanic white children and non-Hispanic black children and Mexican American children exceed those in adults<sup>1</sup>

### Adult smoking prevalence in California (%)



- American Indians / Alaska Natives along with LGBT individuals have the highest smoking prevalence in California<sup>2</sup>

### Death rates for coronary heart disease and stroke, 2009



- African American females have a higher risk of death by coronary heart disease and stroke than non-Hispanic white females<sup>1</sup>

### References

<sup>1</sup>AMA. Go A S et al. *Circulation* 2013;127:e6-e245. <http://circ.ahajournals.org/content/127/1/e6.full>

<sup>2</sup>California Department of Health Services/ Tobacco Control Section. 2006. *Communities of Excellence in Tobacco Control, Module 3: Priority Populations Speak about Tobacco Control*. Sacramento, CA: CDHS/TCS. <http://www.cdph.ca.gov/programs/tobacco/Documents/CTCPCX2006-Module3.pdf>