

Testimony – CPR-AED Awareness & Training Proposed Resolution

Cook County Health & Hospitals Committee

January 23, 2019

Good morning, I am Dr. Kirin Joshi, Senior Medical Officer for the Cook County Department of Public Health (CCDPH), the state-certified public health authority for nearly all of suburban Cook County.

On behalf of Cook County Health (CCH), I am here today to testify in support of Commissioner Miller's proposed resolution regarding Countywide CPR & AED Awareness & Training as well as to speak about heart disease in Cook County.

The most common type of heart disease in the United States is coronary artery disease, which affects the blood flow to the heart. If the flow of oxygen-rich blood to the heart muscle is reduced or blocked, angina (chest pain) or a heart attack can occur.

Lifestyle choices like an unhealthy diet, physical inactivity and tobacco use can increase the risk for heart disease and heart attack.

About **610,000 people** die of heart disease in the United States every year – that is **1 in every 4 deaths**.¹

In Cook County, heart disease was the leading cause of death in 2016.²

- Between 2012-2016, the heart disease mortality rate in Cook County was higher than the United States overall.³
- In Cook County, men had a higher mortality rate than women.³
- African Americans in Cook County had the highest heart disease mortality rate among all races/ethnicities (more than double the rates of Asians and Hispanic/Latinos).³
- Cook County communities in the west and south observed the highest rates of heart disease mortality.³

As it relates to the proposed resolution –

- In February, CCH will be informing Cook County Health employees of the importance of heart health as well as the training opportunities that exist provided by the American Heart Association and the American Red Cross through the following mechanisms:

¹CDC, NCHS. Underlying Cause of Death 1999-2013 on [CDC WONDER Online Database](#), released 2015. Data are from the Multiple Cause of Death Files, 1999-2013, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed Jan 20, 2019.

² CDC, NCHS. Underlying Cause of Death 1999-2017 on [CDC WONDER Online Database](#), released 2018. Data are from the Multiple Cause of Death Files, 1999-2013, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed Jan 20, 2019.

³ CDC. Natality public-use data 2012-2016, on [CDC WONDER Online Database](#).

10 Leading Causes of Death

Rank	Cook County ¹ 2016	Suburban Cook County ² 2016	City of Chicago ³ 2011
1	Heart Disease (24.3%)	Cancer (23.8%)	Heart Disease (26.7%)
2	Cancer (23.0%)	Heart Disease (23.7%)	Cancer (23.1%)
3	Stroke (5.5%)	Stroke (5.6%)	Stroke (4.7%)
4	Unintentional Injury (5.0%)	Chronic Lower Respiratory (4.6%)	Chronic Lower Respiratory (3.8%)
5	Chronic Lower Respiratory (4.0%)	Unintentional Injury (4.1%)	Unintentional Injury (3.4%)
6	Alzheimer's (3.5%)	Alzheimer's (2.4%)	Diabetes (3.0%)
7	Diabetes (2.8%)	Diabetes (2.4%)	Flu/Pneumonia (2.5%)
8	Nephritis (2.3%)	Nephritis (2.3%)	Nephritis (2.4%)
9	Flu/Pneumonia (2.2%)	Flu/Pneumonia (2.2%)	Septicemia (2.2%)
10	Homicide (1.5%)	Septicemia (1.5%)	Homicide (2.1%)

¹ Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2017 on CDC WONDER Online Database, released December, 2018.

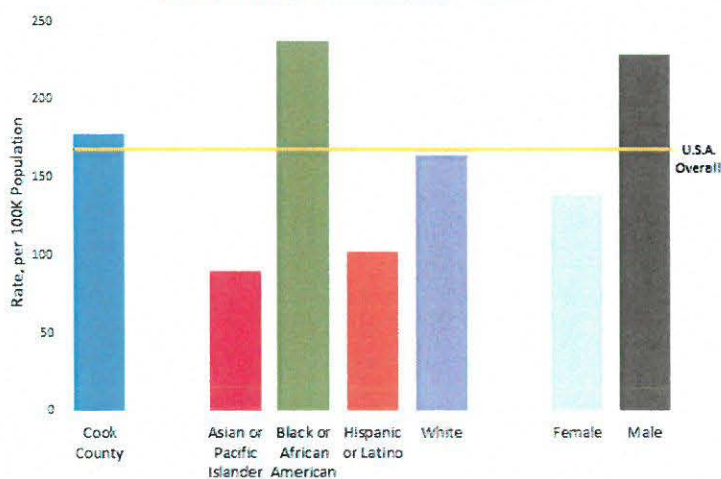
² IDPH Vital Statistics Death File, 2012-2016.

³ City of Chicago, CDPH Community Health Status Assessment: Mini-Compendium - Leading Causes of Death, page 13.

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Heart Disease Mortality Rate

Age-Adjusted Heart Disease Mortality Rate
By Race/Ethnicity and Gender, 2012-2016



Heart Disease Mortality: ICD-10 code (I00-I09, I11, I13, I20-I51)

Source: Centers of Disease Control and Prevention (CDC). Natality public-use data 2012-2016, on CDC WONDER On-line Database

Age-Adjusted Heart Disease Mortality Rate
Cook County 2012-2016

