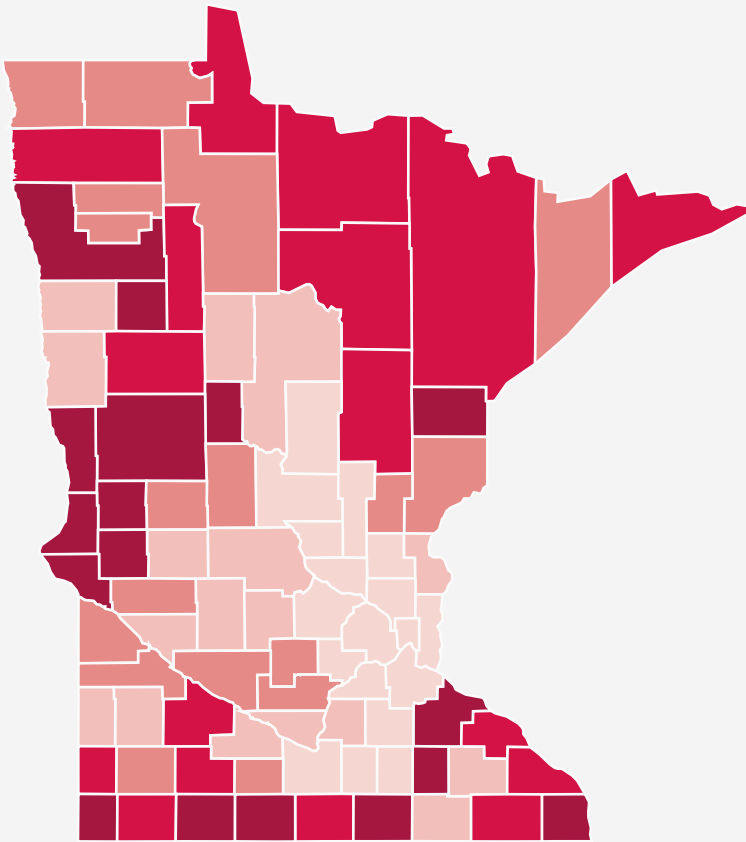


# WOMEN'S HEART ALLIANCE

## MINNESOTA



### In Minnesota:

## Top Killer of Women

Heart disease is a top killer of women in Minnesota, killing thousands of women each year<sup>1</sup>

## 8,230 Deaths Per Year

caused by heart disease<sup>2</sup>

## Annual Costs Per Capita

of heart disease to county health care systems<sup>3</sup>:

- Mahnomen: **\$21,566 - \$44,631**
- Yellow Medicine: **\$21,566 - \$44,631**
- Stevens: **\$21,566 - \$44,631**
- Wabasha: **\$21,566 - \$44,631**
- Meeker: **\$21,566 - \$44,631**
- Grant: **\$21,566 - \$44,631**
- Isanti: **\$19,453 - \$21,565**
- Beltrami: **\$19,453 - \$21,565**
- Benton: **\$19,453 - \$21,565**
- Lincoln: **\$19,453 - \$21,565**

### Heart Disease Death Rate Per 100,000 People<sup>8</sup>

|                       |                    |
|-----------------------|--------------------|
| Insufficient Data (0) | 96.1 - 102.3 (18)  |
| 72.0 - 86.3 (18*)     | 102.4 - 108.0 (17) |
| 86.4 - 96.0 (17)      | 108.1 - 123.9 (17) |

\* Number of Counties

[womensheartalliance.org](http://womensheartalliance.org)  
[contact@womensheartalliance.org](mailto:contact@womensheartalliance.org)  
 Twitter: @WHA

### In the Nation:

## 64% Show No Symptoms

Almost two thirds of women who die suddenly of coronary heart disease have no prior symptoms.<sup>4</sup>

## 50% Misdiagnosed

Women are 50% more likely to be given a wrong diagnosis after a heart attack<sup>5</sup>

## CPR Not Administered

Women are less likely to receive bystander CPR, decreasing their odds of survival,<sup>6</sup> and are more likely to die in the year following a heart attack than men<sup>7</sup>

1. Xu J, Murphy SL, Kochanek KD, Bastian B and Arias E, "Deaths: Final Data for 2016," National Vital Statistics Reports, Hyattsville, MD: CDC, National Center for Health Statistics. 2018;67(5). Available from: [https://www.cdc.gov/nchs/data/nvsr/nvsr67/nvsr67\\_05.pdf](https://www.cdc.gov/nchs/data/nvsr/nvsr67/nvsr67_05.pdf).

2. "Stats of the State of Minnesota," Center for Disease Control and Prevention NCHS Pressroom. Available from: <https://www.cdc.gov/nchs/pressroom/states/minnesota/minnesota.htm>

3. Cost of Care per Capita for Medicare Beneficiaries Diagnosed with Heart Disease, 2015: Total Costs: <https://ncdd.cdc.gov/DHDSPTAtlas/Reports.aspx>

4. "Women and Heart Disease Fact Sheet," Center for Disease Control and Prevention NCHS Pressroom. Available from: [https://www.cdc.gov/dhdsp/data\\_statistics/fact\\_sheets/fs\\_women\\_heart.htm](https://www.cdc.gov/dhdsp/data_statistics/fact_sheets/fs_women_heart.htm)

5. Wu J, Gale CP, Hall M, Dondo TB, Metcalfe E, Oliver G, Batin PD, Hemingway H, Timmis A, West RM. Impact of initial hospital diagnosis on mortality for acute myocardial infarction: A national cohort study. Eur Heart J Acut Cardiovasc Care. 2016;in press. Available from: <http://acc.sagepub.com/content/early/2016/08/29/2048872616661693>.

6. "Men more likely to receive bystander CPR in public than women," American Heart Association Press Release. Available from: <https://newsroom.heart.org/news/men-more-likely-to-receive-bystander-cpr-in-public-than-women>

7. Mehta LS, Beckie TM, DeVon HA, Grines CL, Krumholz HM, Johnson MN, et al. Acute Myocardial Infarction in Women: a scientific statement from the American Heart Association. Circulation. 2016;133:00-00. Available from: <https://www.ahajournals.org/doi/abs/10.1161/CIR.0000000000000351>.

8. This map was created using the Interactive Atlas of Heart Disease and Stroke, a website developed by the Centers for Disease Control and Prevention, Division for Heart Disease and Stroke Prevention. <http://ncdd.cdc.gov/DHDSPTAtlas>.