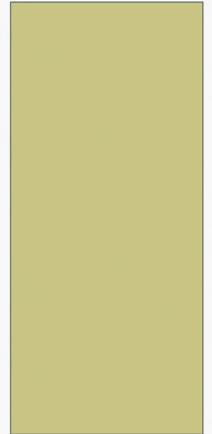


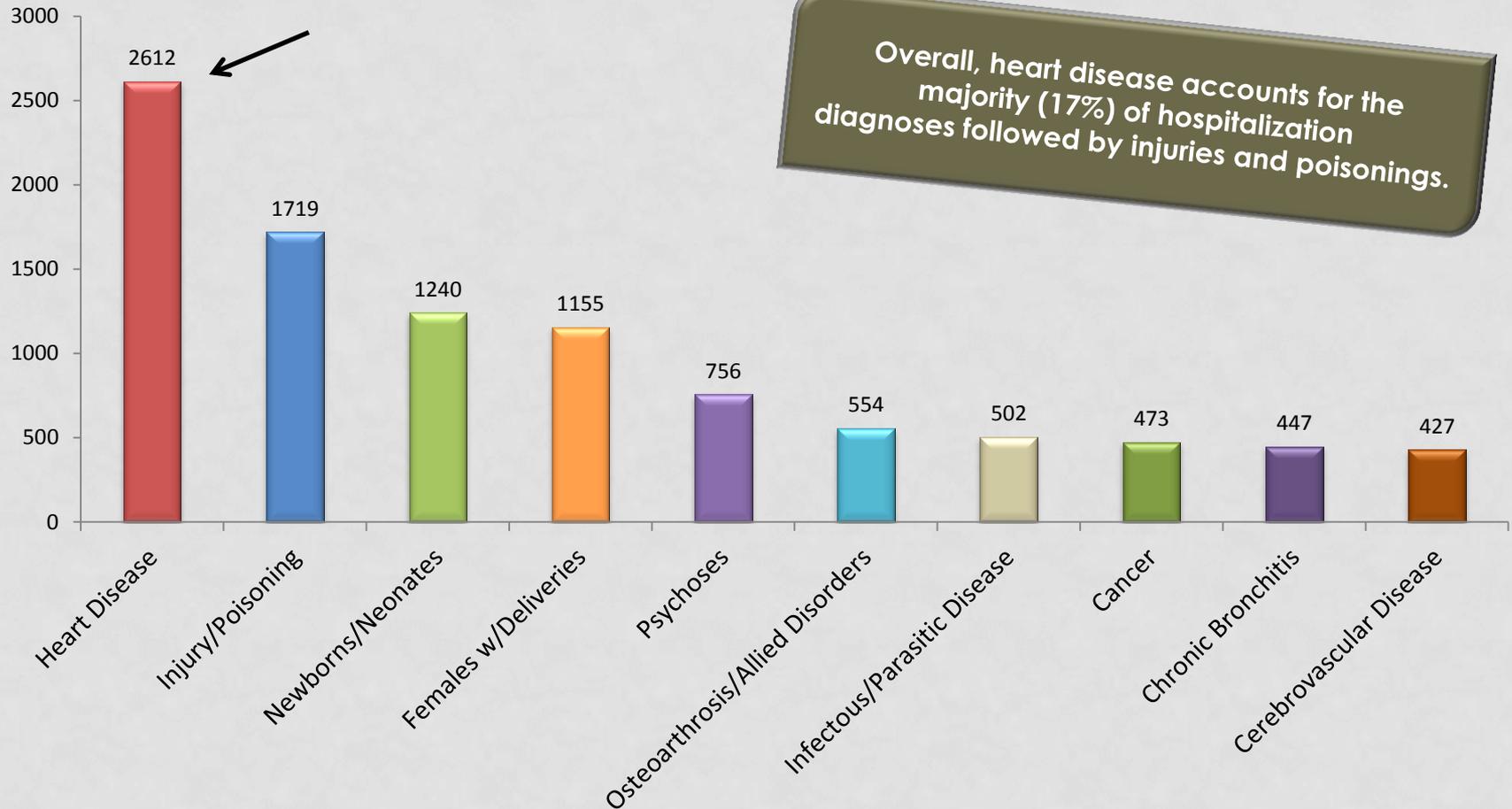
Bay County Community Health Assessment Results - 2012 Morbidity and Mortality

PRESENTED TO:
BAY COUNTY EXECUTIVE AND ADMINISTRATION
DECEMBER 18, 2012

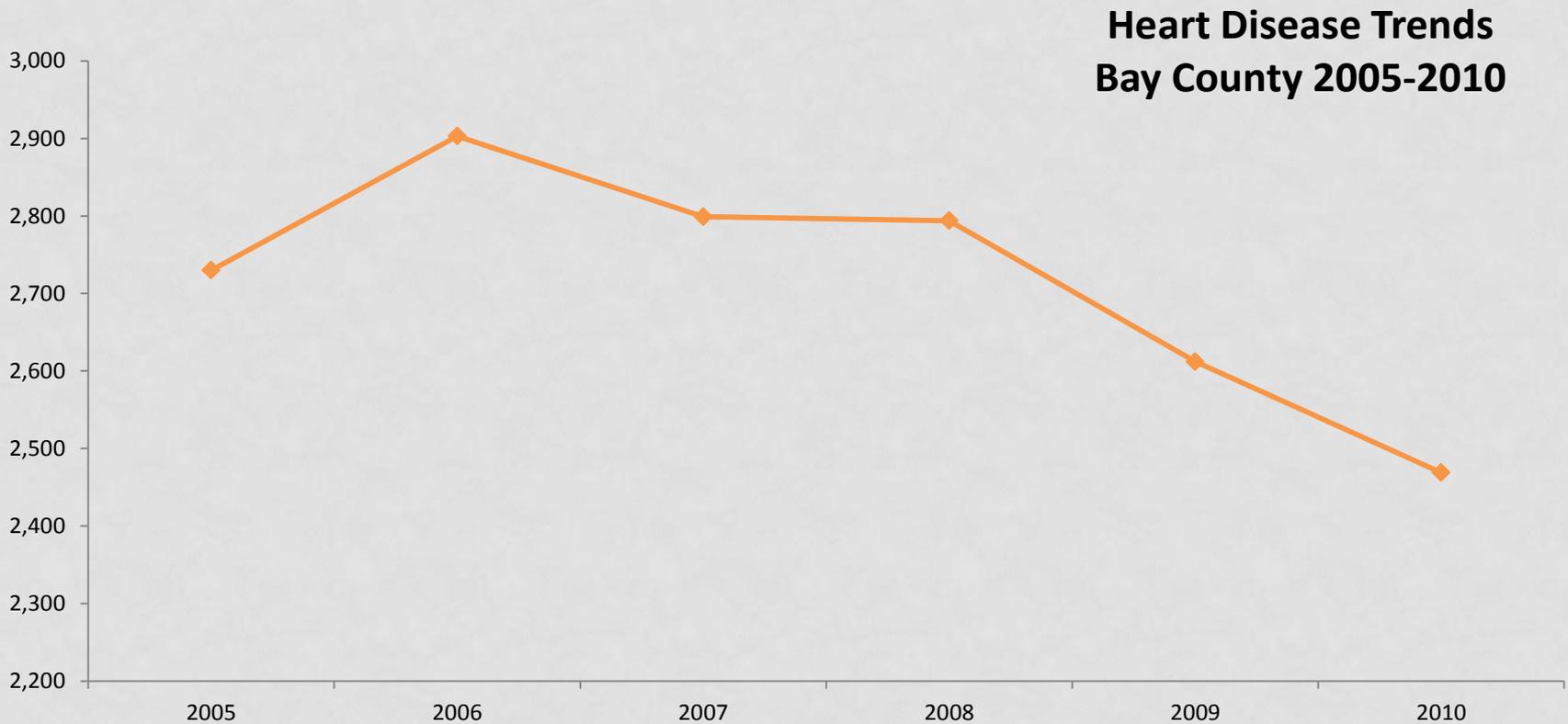


Morbidity - Hospitalizations

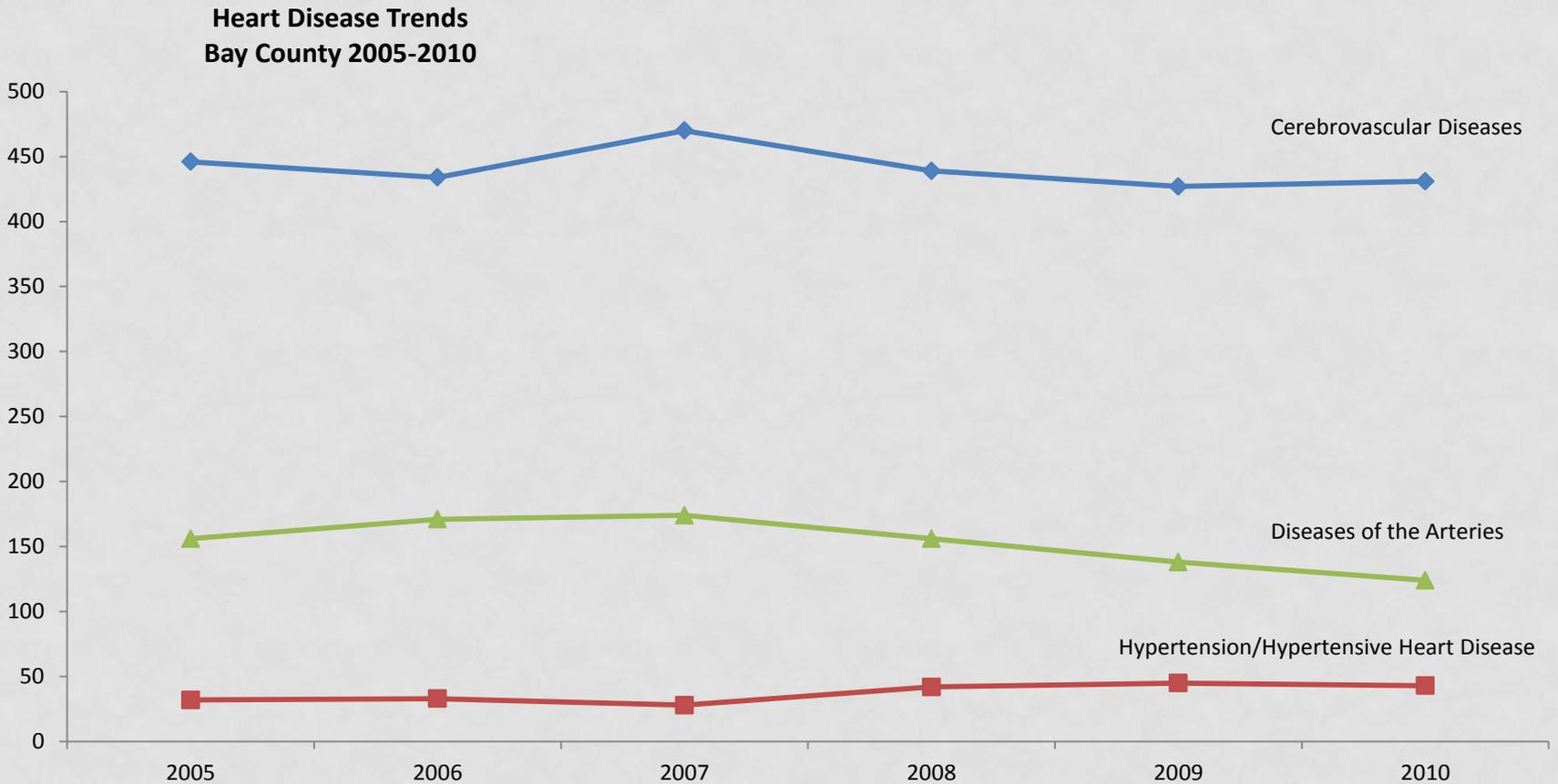
Diagnoses for Hospitalizations



Heart Disease Diagnosis Hospitalization Trends Bay County 2005-2010



Heart Disease Diagnosis Hospitalization Trends Bay County 2005-2010



Leading In-Patient Hospitalizations Top Five For Bay County

• 18 and under

• Newborns & Neonates	1,240
• Injury and Poisoning	97
• Pneumonia	76
• Psychosis	52
• Asthma	52

• Ages 19 – 44

• Females with Deliveries	1,120
• Psychosis	388
• Injury & Poisoning	344
• Intervertebral Disc Disorder	100
• <u>Heart Disease</u>	<u>95</u>

• Ages 45-64

• Heart Disease	666
• Injury & Poisoning	515
• Osteoarthritis & Allied Disorders	230
• Cancer	199
• Chest Pain	189

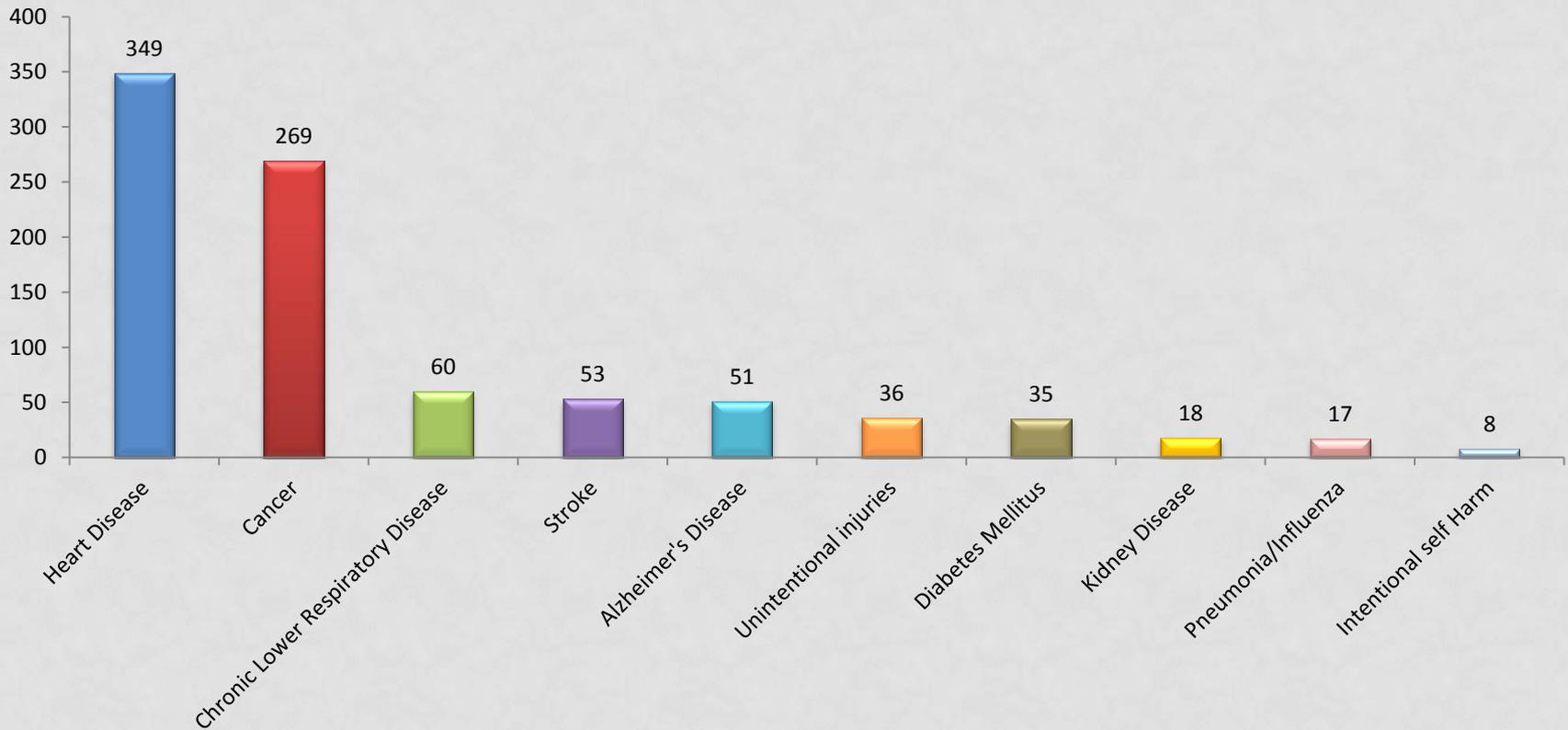
• Ages 65 +

• Heart Disease	1,843
• Injury & Poisoning	762
• Osteoarthritis & Allied Disorders	762
• Cerebrovascular Diseases	279
• Chronic Bronchitis	258

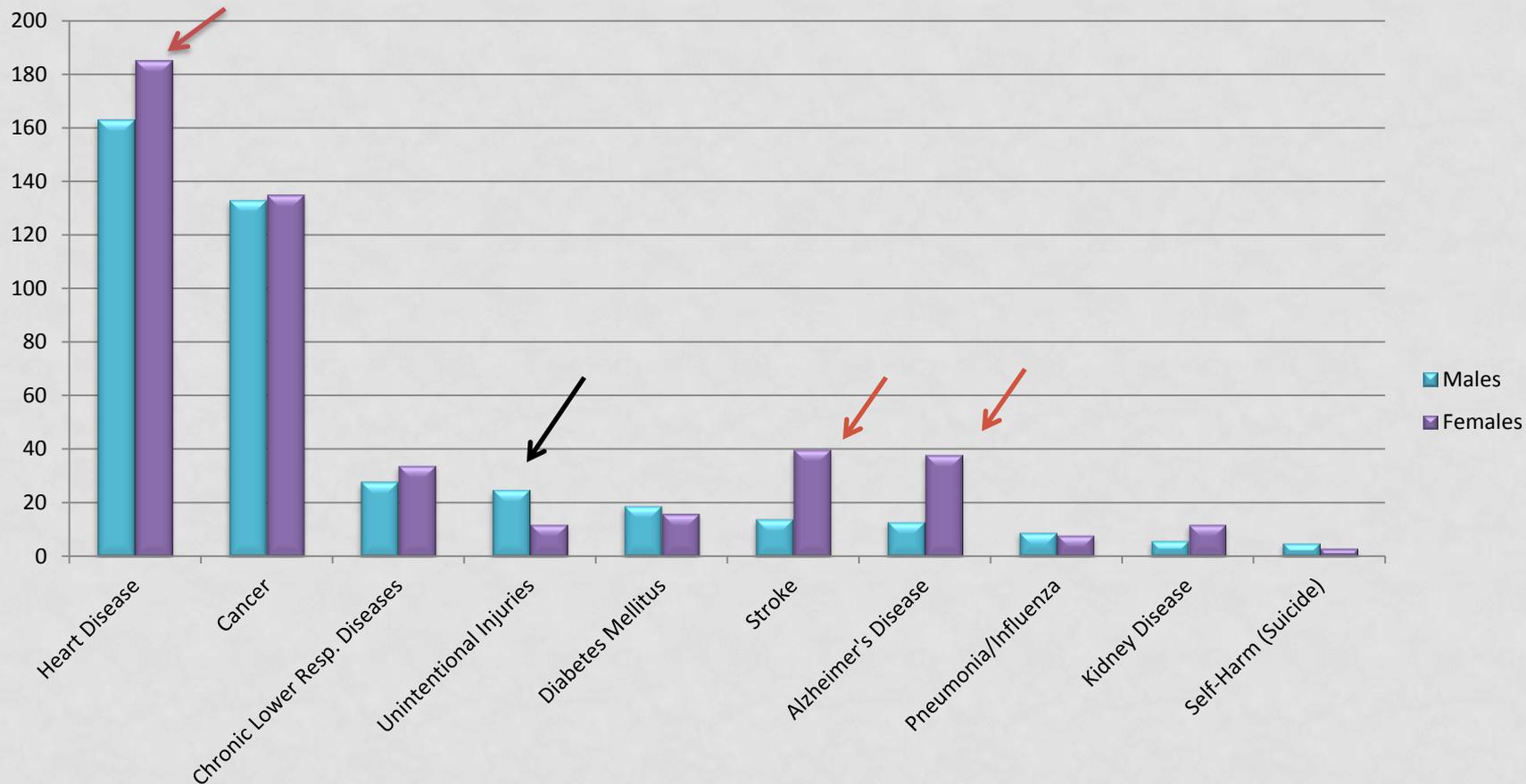
Mortality

Overall Top 10 Leading Causes Of Death

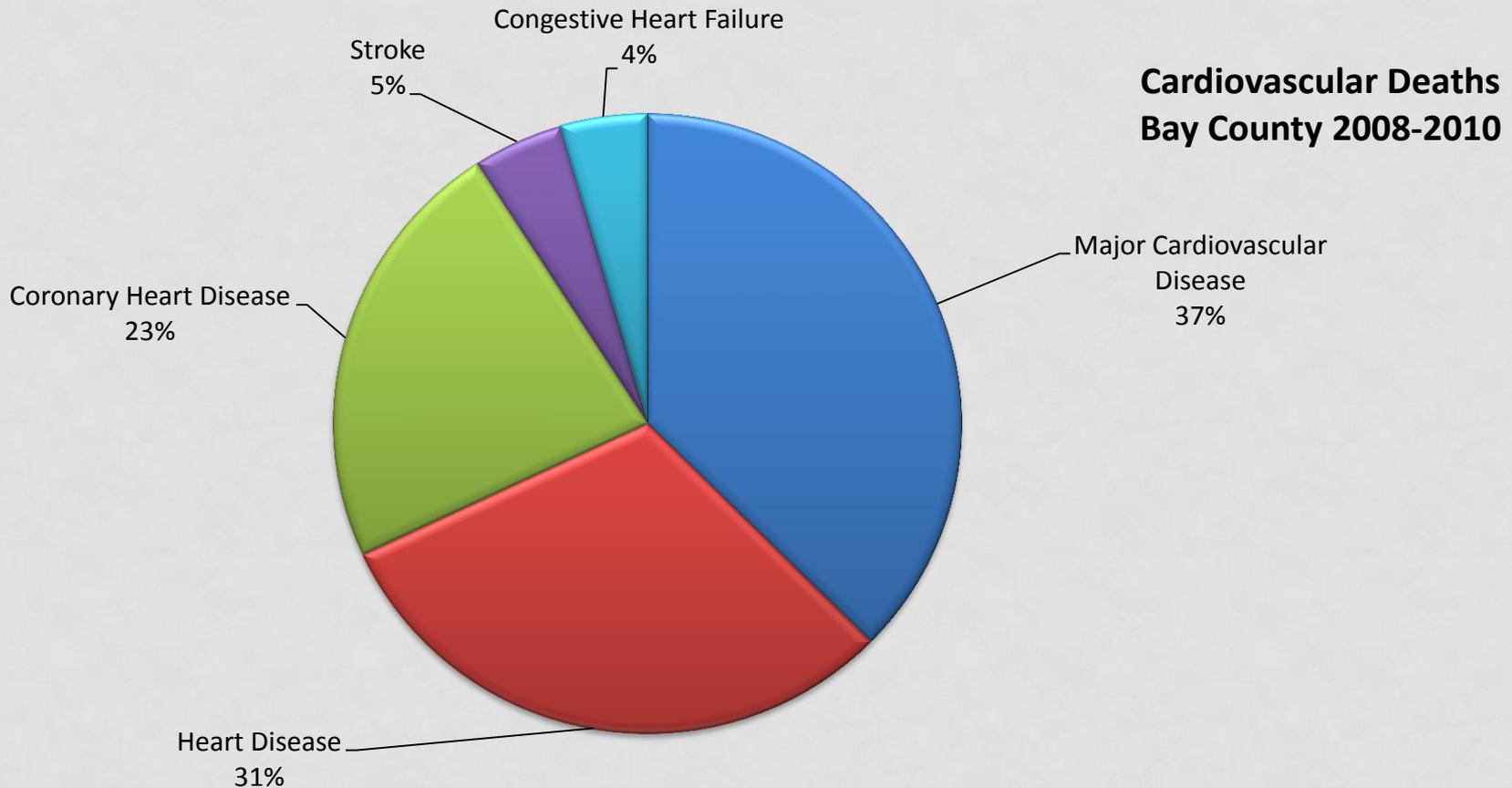
Top 10 Leading Causes of Death - 2009



Leading Causes of Death by Gender Bay County 2009

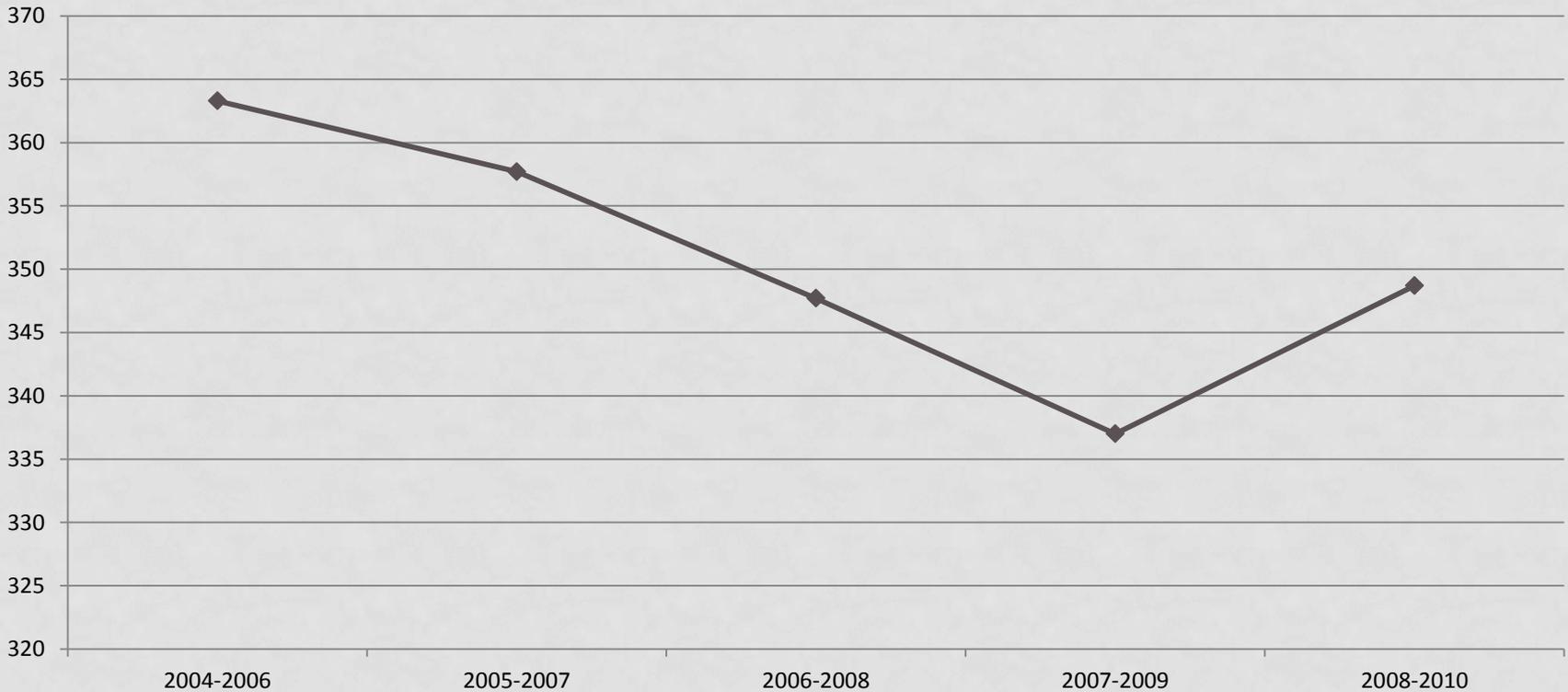


Average Percent of Cardiovascular Deaths

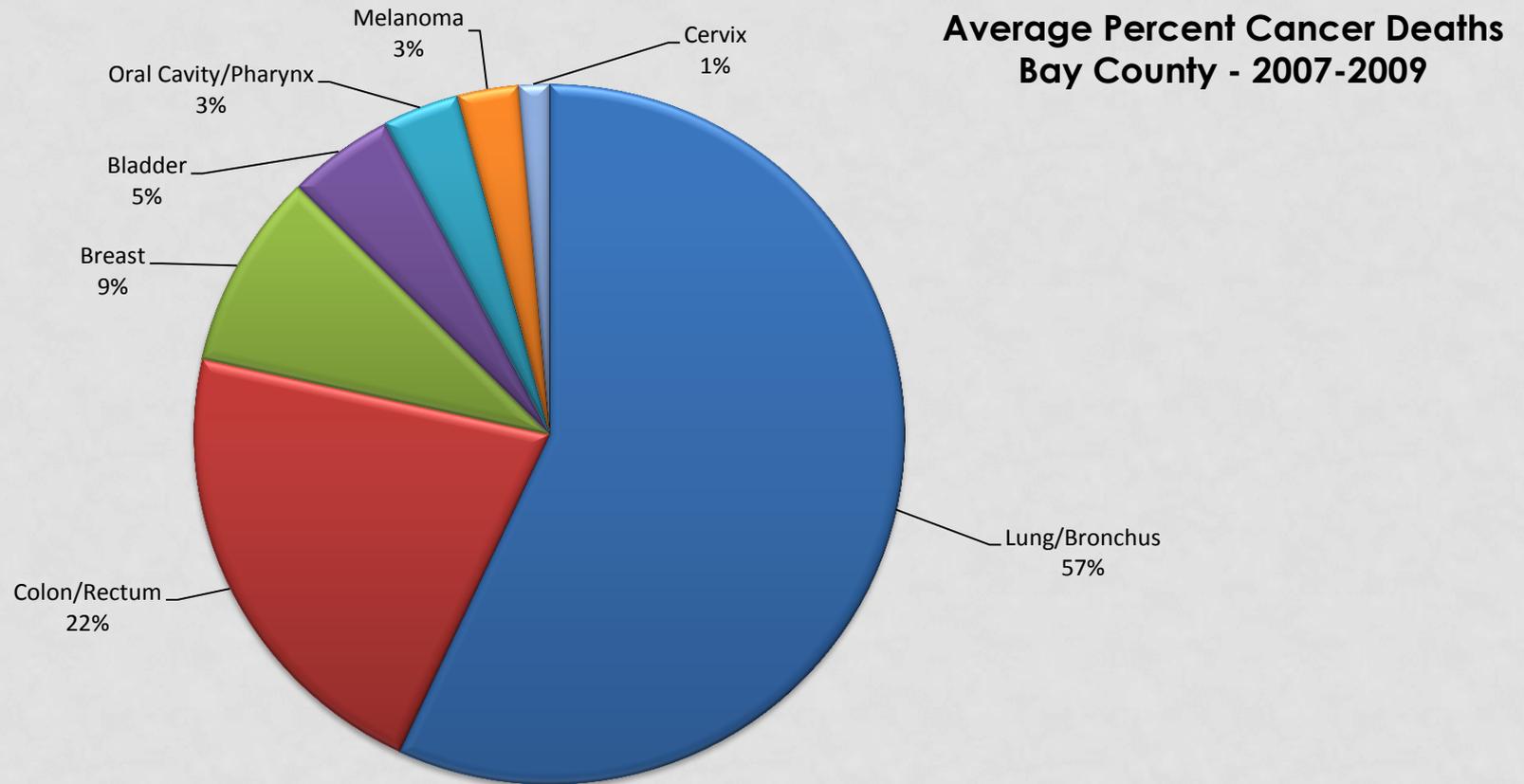


Heart Disease Death Rates (3 Year Trends)

**Heart Disease Death Rate Trends
Bay County**

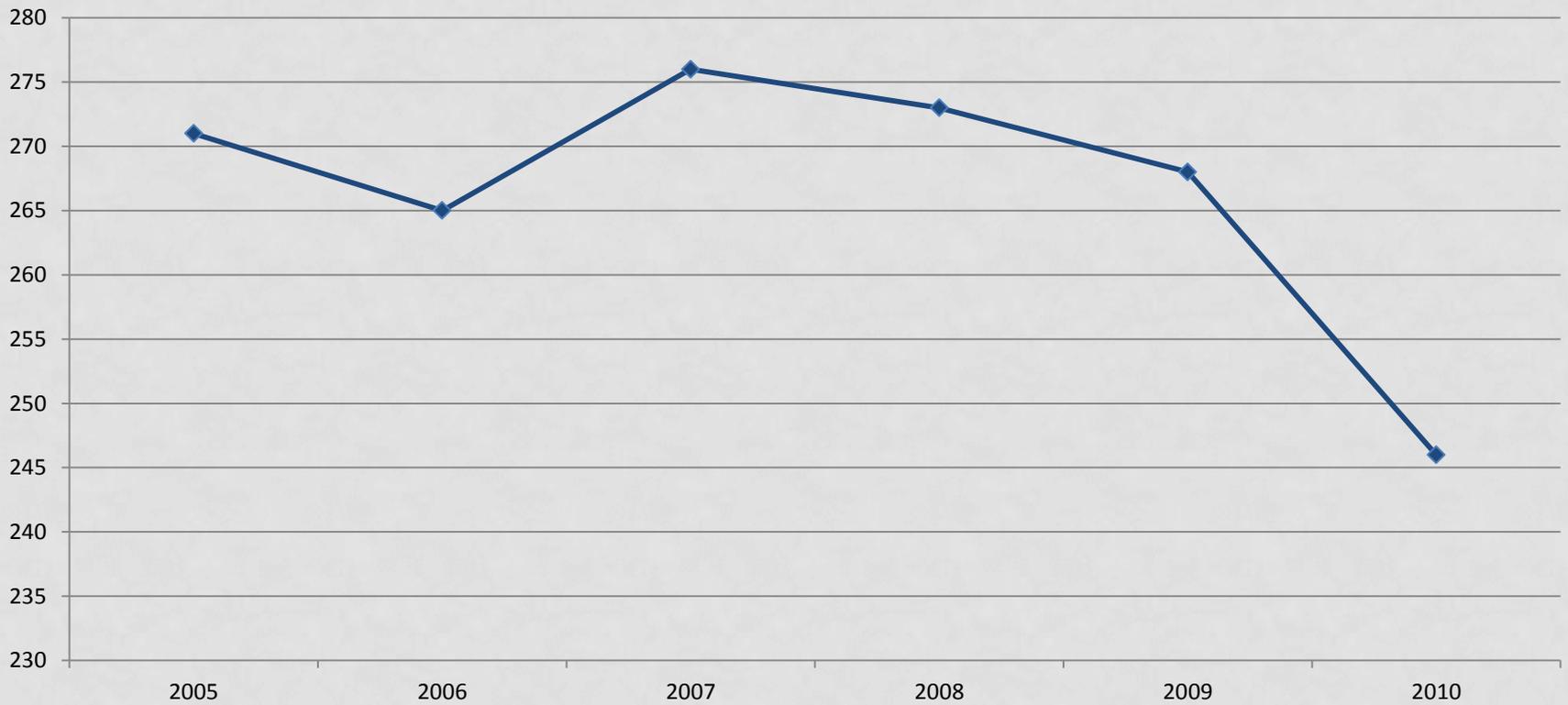


Deaths From Cancer Type



Cancer Death Trends

**Invasive Cancer Deaths Trends
Bay County 2005-2010**



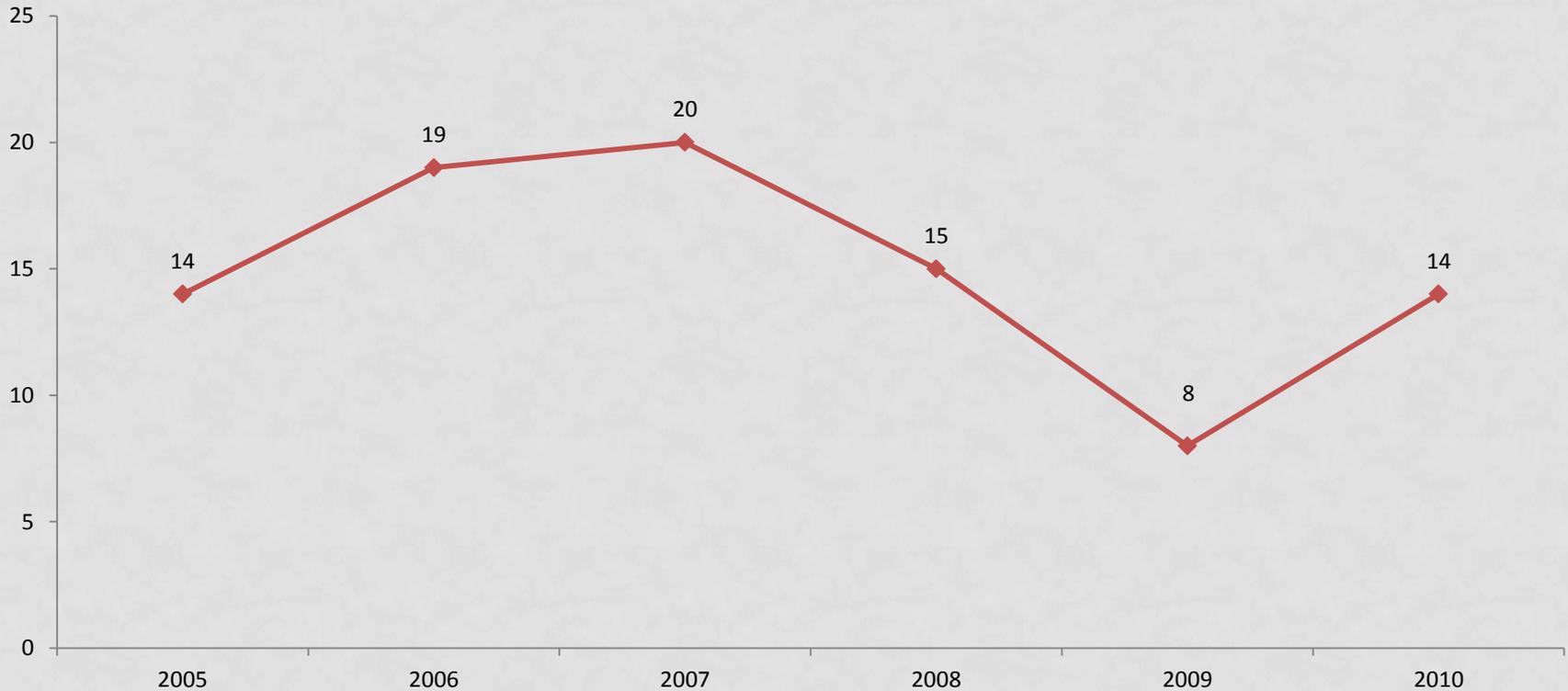
Bronchitis Death Rates (3 Year Trends)

Average Rate - Chronic lower Respiratory Disease Deaths – Bay County



Suicide Trends In Bay County 2005-2010

**Suicide Trends
Bay County 2005-2010**



What The Community Is Saying

- **Most Important Healthcare Need**

- Prevention and Wellness – 45%
(Includes annual checkups, health screenings and diet & exercise)
- Primary Care – 9%
(Good doctors...That care...Listen...Don't pass off my concerns as me just getting older)
- Affordable Healthcare and Prescriptions – 8%
- Mental Health – 3%

What The Community Is Saying

- **What (Other) Services Would You Like to See in The Community?**
 - Prevention and Education Services – 23%
 - Free/Low Cost Dental Services or Clinics – 18%
 - Mental Health Services – 13%
 - Qualified Physicians – 7%



What The Community Is Saying

“In the junior high, part of the junior high, they establish an office; a doctor’s office where families go, general practitioner...or even an urgent care that is centralized out of you know one of the schools.”

-Father

“I mean it’s amazing how many services are available through the county that not that many people know of to take advantage of.”

-Man

“I always thought the health department should come to the school for immunizations.”

-Teacher/Administrator

What The Community Is Saying

“I think the successes we’ve had, when we try alone as a school we fail and when the health department does an initiative, no offense, but they fail. But **whenever we work together then it works. So that’s where we have the captive audience, you guys have the services. So come to our place and let’s work together on this.**”

-Teacher/Administrator

What The Community Is Saying

“I think that um they need to show people how to cook. I don’t think people know how to cook anymore. **They don’t know how to make homemade food and that is so much more healthier than going in the frozen food section and buying all that premade food.**”

-Mother

“I agree with you on that. We had a friend that I gave one of our hams to when we had one of our pigs slaughtered, and she called me, she’s like **there’s no directions.**”

-Mother

What Are We Learning?

- Bay County has an aging population with the largest growth among 55-74 year olds.
- More people are obtaining an associates or bachelors degree.
- There was a significant increase in the number of people below the poverty level.
 - We are seeing a significant increase in people on state assistance.

What Are We Learning?

- There **is** a correlation between education and receiving preventive health care.
- There **is** a correlation between income and receiving preventive health care.

**Higher Education = Better Employment = Higher Income =
Better/More Health Insurance = Better Health Outcomes**

What Are We Learning?

- Women tend to seek preventive health care more than men, especially unmarried men.
- The majority of the adult population say their health is good or very good, yet **adult obesity is climbing** at an alarming rate, **26% smoke** and **20% drink heavily or binge drink.**

What Are We Learning?

- Those who described their health as good or very good had fewer poor mental health days.
- People are not seeking mental health treatment.
- Bay County does not have enough physicians or mental health professionals.
- Prevention **is** priority for Bay County residents across the spectrum.

What Are We Learning?

- Risk factors for the leading causes of death
 - Obesity (inactivity, unhealthy eating)
 - High Blood Pressure
 - High Cholesterol
 - High Blood Sugar
 - Smoking
- The top 3 causes of death for Bay County (heart Disease, Cancer and Chronic Lower Respiratory Disease, as well as Diabetes and Kidney Disease) can be reduced by reduced by taking preventive measures.

So...What Are We Going To Do About It???

- Community Health Improvement Plan
 - Determine Priority Areas
 - Identify existing programs and services that address these issues
 - Identify gaps in programs and services
 - Create a plan of action

**Community Meeting on January 24, 2013 at the
DoubleTree in Bay City from 8:00am – 12:00pm**