

**Population  
Relevance**

**Diabetes** – Diabetes now affects nearly 24 million people in the United States, an increase of more than 3 million in approximately two years, according to the National Institute of Health, Report on Diabetes Statistics, 2007. Prevalence of Diagnosed and Undiagnosed Diabetes in the United States, All Ages, 2007:

Total: 23.6 million people—7.8 percent of the population—have diabetes.

Diagnosed: 17.9 million people

Undiagnosed: 5.7 million people

In New York State, the New York Diabetes Coalition reports that 1.1 million people- 7.7% of New York’s population- are estimated to have diagnosed diabetes. Another 450,000 New Yorkers with Type 2 diabetes remain undiagnosed.

Diabetes can lead to serious complications, such as blindness, kidney damage, cardiovascular disease, and lower-limb amputations, but people with diabetes can lower the occurrence of these and other diabetes complications by controlling blood glucose, blood pressure, and blood lipids

**Diabetes Prevalence in the CIPA population:**

In 2008, the prevalence of CIPA patients with diabetes is 9.8%.

**Congestive Heart Failure Prevalence** - Heart failure is a cumulative consequence of all insults to the heart over someone’s life.<sup>1</sup> It is estimated that nearly 5 million Americans have heart failure.<sup>2</sup> Currently, about 5 million Americans are living with Heart failure and about 550,000 new cases are diagnosed each year. The prevalence of Heart Failure nearly doubles with each decade of life.<sup>2</sup>

**Congestive Heart Failure Prevalence in the CIPA population:**

Patients with heart failure are 1.3% of the total CIPA patient population and have been identified by the payers as high risk for repeated hospitalizations that could benefit from disease management interventions.

**Coronary Vascular Disease Prevalence** – Stable coronary artery disease is the leading cause of death in the US, attributing to approximately 1 out of 5 deaths. The total cost annual cost of coronary artery disease is approximately \$130 billion with approximately 13 million Americans living with CAD <sup>1</sup> Forty-three percent (43%) of all deaths in NYS were caused by cardiovascular disease which is twice as many deaths as the next leading cause of death – cancer <sup>3</sup>. New York

State ranks number 1 in the nation for death due to ischemic heart disease.<sup>3</sup>

**Coronary Vascular Disease in the CIPA population:** Coronary artery disease accounts for 2.6% of the total CIPA patient population.

1. American Heart Association. *Heart Disease and Stroke Statistics – 2003 update*. Dallas, Tex: American Heart Association, 2002.
2. [www.heartfailure.org](http://www.heartfailure.org), accessed January 6, 2009
3. <http://www.health.state.ny.us/nysdoh/heart/healthy/healthy.pdf> accessed January 13, 2009