

**APPENDIX VI**

**MOHAWK VALLEY HEALTH SYSTEM**

**POOR HEALTH OUTCOMES**

## MOHAWK VALLEY HEALTH SYSTEM

### POOR HEALTH OUTCOMES

#### County Health Assessment Indicators

Per the County Health Assessment Indicators (CHAI) from the NYSDOH, residents of Oneida County experience poor health outcomes that support the need for continued service provision through the Mohawk Valley Health System. Following are supporting statistics:

#### Cardiovascular Disease

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to cardiovascular disease for residents of Oneida County was 370.9 deaths/100,000, as compared to 268.4/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to cardiovascular disease for residents of Oneida County was 245.6 deaths/100,000, as compared to 221.9/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), premature mortality rate due to cardiovascular disease for residents of Oneida County was 117.8 deaths/100,000, as compared to 99.1/100,000 for residents of New York State overall. Premature death is defined as the death of an individual aged 35-64.
- ✓ The three-(3)-year average (2012-2014), pre-transport mortality rate due to cardiovascular disease for residents of Oneida County was 223.3 deaths/100,000, as compared to 147.1/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to cardiovascular disease for residents of Oneida County was 189.9 admissions/10,000, as compared to 156.5/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to cardiovascular disease for residents of Oneida County was 143.3 admissions/10,000, as compared to 135.8/10,000 for residents of New York State overall.

#### Diseases of the Heart

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to diseases of the heart for residents of Oneida County was 294.9 deaths/100,000, as compared to 218.4/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to diseases of the heart for residents of Oneida County was 195.4 deaths/100,000, as compared to 180.1/100,000 for residents of New York State overall.

- ✓ The three-(3)-year average (2012-2014), premature mortality rate due to diseases of the heart for residents of Oneida County was 96.4 deaths/100,000, as compared to 80.7/100,000 for residents of New York State overall. Premature death is defined as the death of an individual aged 35-64.
- ✓ The three-(3)-year average (2012-2014), pre-transport mortality rate due to diseases of the heart for residents of Oneida County was 178.9 deaths/100,000, as compared to 126.5/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to diseases of the heart for residents of Oneida County was 122.1 admissions/10,000, as compared to 103.4/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to diseases of the heart for residents of Oneida County was 91.5 admissions/10,000, as compared to 89.4/10,000 for residents of New York State overall.

#### Coronary Heart Disease

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to coronary heart disease for residents of Oneida County was 204.7 deaths/100,000, as compared to 170.6/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), premature mortality rate due to coronary heart disease for residents of Oneida County was 66.1 deaths/100,000, as compared to 65.3/100,000 for residents of New York State overall. Premature death is defined as the death of an individual aged 35-64.
- ✓ The three-(3)-year average (2012-2014), pre-transport mortality rate due to coronary heart disease for residents of Oneida County was 131.0 deaths/100,000, as compared to 103.0/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to coronary heart disease for residents of Oneida County was 39.8 admissions/10,000, as compared to 36.5/10,000 for residents of New York State overall.

#### Heart Attack (Acute Myocardial Infarction)

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to heart attack for residents of Oneida County was 76.0 deaths/100,000, as compared to 36.1/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to heart attack for residents of Oneida County was 50.7 deaths/100,000, as compared to 29.9/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to heart attack for residents of Oneida County was 18.5 admissions/10,000, as compared to 16.8/10,000 for residents of New York State overall.

### Congestive Heart Failure

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to congestive heart failure for residents of Oneida County was 16.9 deaths/100,000, as compared to 15.1/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), pre-transport mortality rate due to congestive heart failure for residents of Oneida County was 10.6 deaths/100,000, as compared to 8.4/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to congestive heart failure for residents of Oneida County was 36.3 admissions/10,000, as compared to 28.3/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to congestive heart failure for residents of Oneida County was 25.7 admissions/10,000, as compared to 24.2/10,000 for residents of New York State overall.

### Cerebrovascular Disease (Stroke)

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to stroke for residents of Oneida County was 50.1 deaths/100,000, as compared to 30.6/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to stroke for residents of Oneida County was 33.0 deaths/100,000, as compared to 25.6/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), premature mortality rate due to stroke for residents of Oneida County was 13.4 deaths/100,000, as compared to 10.5/100,000 for residents of New York State overall. Premature death is defined as the death of an individual aged 35-64.
- ✓ The three-(3)-year average (2012-2014), pre-transport mortality rate due to stroke for residents of Oneida County was 26.6 deaths/100,000, as compared to 11.6/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to stroke for residents of Oneida County was 38.6 admissions/10,000, as compared to 26.4/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to stroke for residents of Oneida County was 28.8 admissions/10,000, as compared to 22.8/10,000 for residents of New York State overall.

### Hypertension

- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to hypertension for adult (18+) residents (for any diagnosis) of Oneida County was 618.2 admissions/10,000, as compared to 541.5/10,000 for residents of New York State overall.

- ✓ The three-(3)-year average (2012-2014), Emergency Department visit rate due to hypertension for adult (18+) residents (based on any diagnosis) of Oneida County was 1,082.1 visits/10,000, as compared to 930.8/10,000 for residents of New York State overall.
- ✓ A total of 31.0% of adult residents of Oneida County were told they have high blood pressure, as compared to 27.3% of all residents of New York State.

#### Chronic Kidney Disease

- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to chronic kidney disease for residents of Oneida County was 168.3 admissions/10,000, as compared to 116.8/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to chronic kidney disease for residents of Oneida County was 125.1 admissions/10,000, as compared to 101.0/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude Emergency Department visit rate due to chronic kidney disease for residents of Oneida County was 163.3 visits/10,000, as compared to 120.4/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted Emergency Department visit rate due to chronic kidney disease for residents of Oneida County was 121.7 visits/10,000, as compared to 104.4/10,000 for residents of New York State overall.

#### Diabetes

- ✓ A total of 9.1% of adult residents of Oneida County were diagnosed with diabetes by a physician, as compared to 8.9% for New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to diabetes for residents of Oneida County was 29.6 deaths/100,000, as compared to 20.4/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to diabetes for residents of Oneida County was 21.5 deaths/100,000, as compared to 17.4/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to diabetes (as a primary diagnosis) for residents of Oneida County was 20.2 admissions/10,000, as compared to 18.6/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to diabetes (as a primary diagnosis) for residents of Oneida County was 18.5 admissions/10,000, as compared to 17.1/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to diabetes (as any diagnosis) for residents of Oneida County was 278.6 admissions/10,000, as compared to 237.6/10,000 for residents of New York State overall.

- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to diabetes (as any diagnosis) for residents of Oneida County was 219.8 admissions/10,000, as compared to 207.9/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), hospitalization rate due to short-term complication from diabetes for residents of Oneida County aged six (6) to 17 was 5.4 admissions/10,000, as compared to 3.0/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), hospitalization rate due to short-term complication from diabetes for residents of Oneida County aged 18+ was 7.5 admissions/10,000, as compared to 6.5/10,000 for residents of New York State overall.

#### Health Risks and Behaviors

- ✓ A total of 69.1% of adult residents of Oneida County are overweight or obese (with a BMI of 25 or higher). This was higher than the 60.5% of residents who are overweight or obese in New York State overall.
- ✓ A total of 36.6% of adult residents of Oneida County are obese (with a BMI of 30 or higher), as compared to 24.6% of all New York State adult residents.

#### Chronic Lower Respiratory Disease

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to chronic lower respiratory disease for residents of Oneida County was 57.0 deaths/100,000, as compared to 35.0/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to chronic lower respiratory disease for residents of Oneida County was 39.7 deaths/100,000, as compared to 29.8/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude hospitalization rate due to chronic lower respiratory disease for residents of Oneida County was 43.7 admissions/10,000, as compared to 34.8/10,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted hospitalization rate due to chronic lower respiratory disease for residents of Oneida County was 35.3 admissions/10,000, as compared to 32.3/10,000 for residents of New York State overall.

#### Asthma

- ✓ A total of 12.1% of adult residents of Oneida County were diagnosed with asthma by a physician, as compared to 10.1% for New York State overall.
- ✓ The three-(3)-year average (2012-2014), hospitalization rate due to asthma for residents of Oneida County aged 25 to 44 was 8.3 admissions/10,000, as compared to 8.10/10,000 for residents of New York State overall.

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to asthma for residents of Oneida County was 1.7 deaths/100,000, as compared to 1.4/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to asthma for residents of Oneida County was 1.5 deaths/100,000, as compared to 1.3/100,000 for residents of New York State overall.

#### Cancer

- ✓ The three-(3)-year average (2012-2014), crude incidence rate of all cancers for residents of Oneida County was 651.3 cases/100,000, as compared to 550.9/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted incidence rate of all cancers for residents of Oneida County was 513.4 cases/100,000, as compared to 489.2/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to all cancers for residents of Oneida County was 229.3 deaths/100,000, as compared to 180.7/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to all cancers for residents of Oneida County was 172.3 deaths/100,000, as compared to 158.6/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude incidence rate of lip, oral cavity and pharynx cancer for residents of Oneida County was 15.1 cases/100,000, as compared to 12.1/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted incidence rate of lip, oral cavity and pharynx cancer for residents of Oneida County was 11.6 cases/100,000, as compared to 10.5/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to lip, oral cavity and pharynx cancer for residents of Oneida County was 3.0 deaths/100,000, as compared to 2.5/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude incidence rate of colon and rectum cancer for residents of Oneida County was 49.0 cases/100,000, as compared to 46.7/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to colon and rectum cancer for residents of Oneida County was 19.1 deaths/100,000, as compared to 16.6/100,000 for residents of New York State overall.

- ✓ The three-(3)-year average (2012-2014), crude incidence rate of lung and bronchus cancer for residents of Oneida County was 105.8 cases/100,000, as compared to 69.6/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted incidence rate of lung and bronchus cancer for residents of Oneida County was 80.8 cases/100,000, as compared to 61.6/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to lung and bronchus cancer for residents of Oneida County was 69.9 deaths/100,000, as compared to 46.4/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to lung and bronchus cancer for residents of Oneida County was 53.2 deaths/100,000, as compared to 41.0/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to female breast cancer for residents of Oneida County was 29.2 deaths/100,000, as compared to 26.3/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to cervix uteri cancer for residents of Oneida County was 3.4 deaths/100,000, as compared to 2.7/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to cervix uteri cancer for residents of Oneida County was 2.8 deaths/100,000, as compared to 2.3/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude incidence rate of ovarian cancer for residents of Oneida County was 19.6 cases/100,000, as compared to 14.9/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted incidence rate of ovarian cancer for residents of Oneida County was 14.6 cases/100,000, as compared to 12.5/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude incidence rate of prostate cancer for residents of Oneida County was 188.9 cases/100,000, as compared to 156.7/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted incidence rate of prostate cancer for residents of Oneida County was 154.0 cases/100,000, as compared to 145.3/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude, late-stage incidence rate of prostate cancer for residents of Oneida County was 25.4 cases/100,000, as compared to 23.3/100,000 for residents of New York State overall.

- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to prostate cancer for residents of Oneida County was 19.7 deaths/100,000, as compared to 18.3/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), crude mortality rate due to melanoma cancer for residents of Oneida County was 3.4 deaths/100,000, as compared to 2.5/100,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), age-adjusted mortality rate due to melanoma cancer for residents of Oneida County was 2.7 deaths/100,000, as compared to 2.2/100,000 for residents of New York State overall.

#### Tobacco Use

- ✓ Approximately 23.7% of adult residents of Oneida County smoke, as compared to 15.9% of adult residents of New York State overall.

#### Maternal and Infant Health

- ✓ The three-(3)-year average (2012-2014), infant (less than one (1) year) mortality rate for residents of Oneida County was 7.5 deaths/1,000 live births, as compared to 4.8/1,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), neonatal (less than 28 days) mortality rate for residents of Oneida County was 4.9 deaths/1,000 live births, as compared to 3.3/1,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), post-neonatal (one (1) month to one (1) year) mortality rate for residents of Oneida County was 2.6 deaths/1,000 live births, as compared to 1.5/1,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), perinatal (20 weeks gestation to less than 28 days of life) mortality rate for residents of Oneida County was 10.9 deaths/1,000 live births, as compared to 9.6/1,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), perinatal (28 weeks gestation to less than seven (7) days of life) mortality rate for residents of Oneida County was 8.0 deaths/1,000 live births, as compared to 5.3/1,000 for residents of New York State overall.
- ✓ The three-(3)-year average (2012-2014), maternal mortality rate for residents of Oneida County was 38.7 deaths/100,000 live births, as compared to 18.7/100,000 for residents of New York State overall.
- ✓ Approximately 1.6% of all births to Oneida County residents were for infants of a very low birthweight (defined as less than 1.5 kg), as compared to 1.4% of all births to all New York State residents.

- ✓ Approximately 1.3% of all singleton births to Oneida County residents were for infants of a very low birthweight (defined as less than 1.5 kg), as compared to 1.0% of all births to all New York State residents.
- ✓ Approximately 8.1% of all births to Oneida County residents were for infants of a low birthweight (defined as less than 2.5 kg), as compared to 7.9% of all births to all New York State residents.
- ✓ Approximately 6.2% of all singleton births to Oneida County residents were for infants of a low birthweight (defined as less than 2.5 kg), as compared to 6.0% of all births to all New York State residents.
- ✓ Approximately 2.4% of all premature births to Oneida County residents were for infants who were born at less than 32 weeks gestation, as compared to 1.7% of all premature births to New York State residents overall.
- ✓ Approximately 10.2% of all premature births to Oneida County residents were for infants who were born between 32 and 37 weeks gestation, as compared to 9.1% of all premature births to New York State residents overall.
- ✓ Approximately 12.6% of all premature births to Oneida County residents were for infants who were born at less than 37 weeks gestation, as compared to 10.8% of all premature births to New York State residents overall.
- ✓ Approximately 0.8% of all births to Oneida County residents were for infants with a five-(5)-minute APGAR score of less than six (6), as compared to 0.6% of all births to New York State residents overall.