

# **COMPARATIVE RATES AND RATIOS FOR 2013-2023**

# COMPARATIVE RATES AND RATIOS FOR 2013 – 2023

## 1. TEEN PREGNANCIES

(Number of pregnancies per 1,000 females in specified age group)

| Indicator                                              | ALL ARIZONA<br>RESIDENTS | White non-<br>Hispanic | Hispanic or<br>Latino | Black or<br>African<br>American | American<br>Indian or<br>Alaska Native | Asian or<br>Pacific<br>Islander |
|--------------------------------------------------------|--------------------------|------------------------|-----------------------|---------------------------------|----------------------------------------|---------------------------------|
| Figure 1-1 - Pregnancies among females 19 and younger  |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                   | 9.7                      | 5.3                    | 13.4                  | 11.6                            | 14.7                                   | 3.3                             |
| 2022                                                   | 10.0                     | 5.4                    | 13.9                  | 12.5                            | 13.8                                   | 3.0                             |
| 2021                                                   | 10.6                     | 6.0                    | 14.4                  | 12.6                            | 16.3                                   | 3.4                             |
| 2020                                                   | 11.2                     | 6.6                    | 15.0                  | 14.1                            | 16.8                                   | 3.2                             |
| 2019                                                   | 11.9                     | 6.9                    | 15.6                  | 15.1                            | 18.8                                   | 4.3                             |
| 2018                                                   | 12.6                     | 7.7                    | 16.5                  | 14.3                            | 20.6                                   | 4.6                             |
| 2017                                                   | 13.7                     | 8.2                    | 17.8                  | 17.8                            | 22.8                                   | 5.8                             |
| 2016                                                   | 14.9                     | 9.5                    | 19.3                  | 17.3                            | 24.7                                   | 5.0                             |
| 2015                                                   | 15.9                     | 10.5                   | 20.4                  | 16.6                            | 26.8                                   | 6.3                             |
| 2014                                                   | 17.8                     | 11.6                   | 25.4                  | 16.9                            | 19.2                                   | 5.5                             |
| 2013                                                   | 19.2                     | 9.8                    | 25.0                  | 25.1                            | 29.7                                   | 6.8                             |
| Figure 1-2 - Pregnancies among females 14 and younger  |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                   | 0.2                      | 0.1                    | 0.3                   | 0.2                             | 0.1                                    | 0.1                             |
| 2022                                                   | 0.2                      | 0.1                    | 0.3                   | 0.3                             | 0.6                                    | 0.1                             |
| 2021                                                   | 0.3                      | 0.2                    | 0.3                   | 0.5                             | 0.7                                    | 0.4                             |
| 2020                                                   | 0.2                      | 0.1                    | 0.3                   | 0.2                             | 0.4                                    | 0.0                             |
| 2019                                                   | 0.2                      | 0.1                    | 0.3                   | 0.3                             | 0.6                                    | 0.0                             |
| 2018                                                   | 0.2                      | 0.2                    | 0.3                   | 0.3                             | 0.6                                    | 0.1                             |
| 2017                                                   | 0.3                      | 0.1                    | 0.4                   | 0.5                             | 0.7                                    | 0.1                             |
| 2016                                                   | 0.4                      | 0.2                    | 0.4                   | 0.6                             | 1.1                                    | 0.1                             |
| 2015                                                   | 0.3                      | 0.1                    | 0.4                   | 0.3                             | 0.9                                    | 0.0                             |
| 2014                                                   | 0.3                      | 0.2                    | 0.3                   | 0.5                             | 0.7                                    | 0.2                             |
| 2013                                                   | 0.4                      | 0.1                    | 0.6                   | 0.7                             | 0.6                                    | 0.3                             |
| Figure 1-3 - Pregnancies among females 15-17 years old |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                   | 7.8                      | 3.2                    | 11.0                  | 11.1                            | 15.2                                   | 2.1                             |
| 2022                                                   | 7.9                      | 3.5                    | 11.8                  | 10.3                            | 10.8                                   | 2.2                             |
| 2021                                                   | 8.3                      | 3.8                    | 11.7                  | 8.1                             | 18.1                                   | 2.4                             |
| 2020                                                   | 9.3                      | 4.4                    | 12.9                  | 11.2                            | 18.5                                   | 2.8                             |
| 2019                                                   | 10.2                     | 5.0                    | 14.2                  | 12.3                            | 20.0                                   | 2.2                             |
| 2018                                                   | 10.8                     | 5.3                    | 15.4                  | 11.6                            | 19.8                                   | 2.3                             |
| 2017                                                   | 11.3                     | 5.4                    | 15.8                  | 14.0                            | 23.3                                   | 2.0                             |
| 2016                                                   | 12.6                     | 6.5                    | 17.6                  | 14.0                            | 24.8                                   | 3.4                             |
| 2015                                                   | 14.1                     | 7.7                    | 19.5                  | 14.2                            | 27.3                                   | 4.8                             |
| 2014                                                   | 16.1                     | 8.2                    | 25.2                  | 15.9                            | 21.0                                   | 4.6                             |
| 2013                                                   | 18.0                     | 7.1                    | 25.9                  | 20.9                            | 31.5                                   | 3.7                             |
| Figure 1-4 - Pregnancies among females 18-19 years old |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                   | 35.8                     | 20.2                   | 49.5                  | 41.0                            | 53.8                                   | 12.6                            |
| 2022                                                   | 37.0                     | 20.7                   | 51.1                  | 46.4                            | 54.7                                   | 10.9                            |
| 2021                                                   | 39.3                     | 22.8                   | 53.6                  | 49.3                            | 56.1                                   | 11.9                            |
| 2020                                                   | 40.7                     | 24.7                   | 54.6                  | 52.5                            | 57.6                                   | 11.3                            |
| 2019                                                   | 42.8                     | 25.7                   | 56.7                  | 55.8                            | 64.9                                   | 16.8                            |
| 2018                                                   | 46.6                     | 29.7                   | 60.8                  | 52.9                            | 74.1                                   | 17.8                            |
| 2017                                                   | 50.9                     | 31.5                   | 66.5                  | 64.9                            | 78.9                                   | 24.2                            |
| 2016                                                   | 55.0                     | 36.4                   | 71.5                  | 63.5                            | 83.9                                   | 19.0                            |
| 2015                                                   | 58.4                     | 40.2                   | 74.7                  | 59.8                            | 90.8                                   | 23.8                            |
| 2014                                                   | 65.2                     | 45.5                   | 91.7                  | 59.4                            | 62.7                                   | 20.3                            |
| 2013                                                   | 64.8                     | 34.0                   | 87.4                  | 82.9                            | 98.0                                   | 25.5                            |

## 2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

(All ratios are per 100 live births)

| Indicator                                 | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|-------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 2-1 - Unmarried mothers            |                       |                    |                    |                           |                                  |                           |
| 2023                                      | 45.5                  | 30.5               | 56.2               | 61.6                      | 79.0                             | 16.9                      |
| 2022                                      | 44.9                  | 30.2               | 55.5               | 61.6                      | 78.2                             | 16.4                      |
| 2021                                      | 45.2                  | 30.5               | 56.2               | 64.3                      | 79.5                             | 17.6                      |
| 2020                                      | 45.0                  | 31.1               | 55.0               | 62.9                      | 78.7                             | 16.4                      |
| 2019                                      | 45.0                  | 31.3               | 55.0               | 62.7                      | 78.4                             | 14.8                      |
| 2018                                      | 44.6                  | 31.1               | 54.7               | 60.6                      | 78.9                             | 14.8                      |
| 2017                                      | 44.4                  | 30.7               | 55.1               | 60.6                      | 77.9                             | 14.6                      |
| 2016                                      | 44.8                  | 31.3               | 55.8               | 61.3                      | 78.1                             | 15.4                      |
| 2015                                      | 45.3                  | 31.5               | 56.2               | 63.2                      | 79.6                             | 14.3                      |
| 2014                                      | 44.7                  | 31.1               | 56.1               | 62.5                      | 78.9                             | 15.2                      |
| 2013                                      | 45.1                  | 30.3               | 57.1               | 63.7                      | 79.2                             | 16.0                      |
| Figure 2-2 - Tobacco use during pregnancy |                       |                    |                    |                           |                                  |                           |
| 2023                                      | 2.1                   | 3.3                | 1.0                | 2.5                       | 2.2                              | 0.6                       |
| 2022                                      | 2.6                   | 3.8                | 1.4                | 3.1                       | 2.9                              | 0.9                       |
| 2021                                      | 3.2                   | 4.8                | 1.6                | 3.5                       | 3.5                              | 1.0                       |
| 2020                                      | 3.6                   | 5.7                | 1.8                | 4.5                       | 2.9                              | 0.5                       |
| 2019                                      | 4.3                   | 6.9                | 2.0                | 5.0                       | 3.1                              | 0.9                       |
| 2018                                      | 4.5                   | 7.1                | 2.1                | 5.2                       | 3.4                              | 1.2                       |
| 2017                                      | 4.7                   | 7.5                | 2.1                | 5.5                       | 3.4                              | 0.9                       |
| 2016                                      | 4.8                   | 7.5                | 2.2                | 5.5                       | 3.6                              | 1.3                       |
| 2015                                      | 5.2                   | 8.1                | 2.3                | 7.3                       | 3.4                              | 1.1                       |
| 2014                                      | 5.3                   | 8.3                | 2.2                | 6.8                       | 3.4                              | 1.3                       |
| 2013                                      | 4.4                   | 7.0                | 1.8                | 6.5                       | 2.9                              | 1.1                       |
| Figure 2-3 - Pre-existing hypertension    |                       |                    |                    |                           |                                  |                           |
| 2023                                      | 2.1                   | 1.8                | 2.0                | 4.1                       | 4.4                              | 1.4                       |
| 2022                                      | 1.9                   | 1.7                | 1.8                | 2.8                       | 3.5                              | 1.4                       |
| 2021                                      | 1.9                   | 1.6                | 1.7                | 3.8                       | 3.3                              | 1.0                       |
| 2020                                      | 1.6                   | 1.4                | 1.6                | 3.2                       | 2.3                              | 0.8                       |
| 2019                                      | 1.5                   | 1.3                | 1.5                | 3.2                       | 2.3                              | 0.8                       |
| 2018                                      | 1.4                   | 1.4                | 1.3                | 2.2                       | 2.0                              | 1.1                       |
| 2017                                      | 1.3                   | 1.2                | 1.3                | 2.1                       | 1.7                              | 1.1                       |
| 2016                                      | 1.2                   | 1.0                | 1.2                | 2.1                       | 1.3                              | 0.7                       |
| 2015                                      | 1.1                   | 1.0                | 1.1                | 2.3                       | 1.4                              | 0.8                       |
| 2014                                      | 1.2                   | 1.1                | 1.1                | 2.1                       | 1.9                              | 0.9                       |
| 2013                                      | 1.1                   | 1.1                | 1.1                | 1.8                       | 1.4                              | 0.8                       |
| Figure 2-4 - Gestational diabetes         |                       |                    |                    |                           |                                  |                           |
| 2023                                      | 10.3                  | 7.8                | 11.1               | 8.2                       | 20.9                             | 17.6                      |
| 2022                                      | 10.2                  | 7.8                | 10.9               | 6.9                       | 22.0                             | 17.4                      |
| 2021                                      | 9.9                   | 7.6                | 10.8               | 8.0                       | 19.4                             | 16.9                      |
| 2020                                      | 9.5                   | 7.3                | 10.3               | 8.0                       | 18.8                             | 15.9                      |
| 2019                                      | 8.7                   | 6.8                | 9.2                | 6.6                       | 17.4                             | 14.5                      |
| 2018                                      | 8.5                   | 6.6                | 8.7                | 7.0                       | 17.3                             | 15.8                      |
| 2017                                      | 7.7                   | 6.1                | 8.0                | 5.7                       | 14.8                             | 13.5                      |
| 2016                                      | 7.6                   | 6.3                | 7.7                | 5.9                       | 14.7                             | 13.6                      |
| 2015                                      | 7.5                   | 6.0                | 7.9                | 6.1                       | 14.5                             | 13.6                      |
| 2014                                      | 6.1                   | 4.9                | 6.4                | 4.6                       | 12.1                             | 11.4                      |
| 2013                                      | 5.7                   | 4.4                | 6.1                | 5.0                       | 11.1                             | 9.7                       |
| Figure 2-5 - Gestational hypertension     |                       |                    |                    |                           |                                  |                           |
| 2023                                      | 10.4                  | 9.8                | 10.0               | 11.9                      | 18.8                             | 6.9                       |
| 2022                                      | 9.9                   | 9.3                | 9.6                | 12.3                      | 17.0                             | 6.0                       |
| 2021                                      | 9.1                   | 8.7                | 8.7                | 11.4                      | 14.8                             | 6.0                       |
| 2020                                      | 8.9                   | 8.4                | 8.7                | 10.9                      | 13.4                             | 6.3                       |
| 2019                                      | 8.0                   | 7.6                | 7.7                | 10.3                      | 13.2                             | 4.9                       |
| 2018                                      | 7.7                   | 7.1                | 7.6                | 10.1                      | 12.8                             | 4.7                       |
| 2017                                      | 6.7                   | 6.4                | 6.4                | 8.3                       | 11.2                             | 4.2                       |
| 2016                                      | 6.2                   | 5.8                | 5.9                | 8.5                       | 10.5                             | 4.3                       |
| 2015                                      | 6.0                   | 5.7                | 5.7                | 7.7                       | 10.3                             | 3.3                       |
| 2014                                      | 5.2                   | 5.2                | 4.7                | 6.9                       | 8.6                              | 3.1                       |
| 2013                                      | 5.6                   | 5.9                | 4.9                | 6.4                       | 7.4                              | 4.9                       |

## 2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS (continued)

(All ratios are per 100 live births)

| Indicator                                         | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|---------------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 2-6 - Gestational weight gain - Inadequate |                       |                    |                    |                           |                                  |                           |
| 2023                                              | 21.6                  | 18.7               | 23.2               | 22.9                      | 23.4                             | 29.7                      |
| 2022                                              | 22.8                  | 19.9               | 24.6               | 25.7                      | 24.2                             | 28.8                      |
| 2021                                              | 22.3                  | 19.3               | 24.4               | 25.1                      | 22.4                             | 27.8                      |
| 2020                                              | 21.3                  | 18.3               | 23.1               | 24.0                      | 22.7                             | 28.5                      |
| 2019                                              | 21.5                  | 18.4               | 23.6               | 23.6                      | 22.3                             | 28.3                      |
| 2018                                              | 22.5                  | 19.2               | 24.7               | 25.0                      | 23.4                             | 29.2                      |
| 2017                                              | 22.5                  | 19.1               | 24.9               | 25.9                      | 23.5                             | 28.1                      |
| 2016                                              | 22.8                  | 19.7               | 25.5               | 25.5                      | 21.9                             | 29.6                      |
| 2015                                              | 22.2                  | 18.7               | 25.2               | 24.7                      | 23.3                             | 27.5                      |
| 2014                                              | 21.8                  | 18.0               | 25.3               | 23.7                      | 23.0                             | 28.2                      |
| 2013                                              | 27.6                  | 20.7               | 33.9               | 31.7                      | 36.3                             | 23.9                      |
| Figure 2-7 - Gestational weight gain - Excessive  |                       |                    |                    |                           |                                  |                           |
| 2023                                              | 46.8                  | 49.7               | 45.4               | 47.2                      | 46.2                             | 33.8                      |
| 2022                                              | 45.6                  | 48.6               | 43.7               | 45.2                      | 46.6                             | 34.4                      |
| 2021                                              | 47.0                  | 49.5               | 45.0               | 47.1                      | 49.4                             | 36.8                      |
| 2020                                              | 47.5                  | 50.4               | 45.4               | 47.8                      | 48.3                             | 35.2                      |
| 2019                                              | 47.0                  | 50.3               | 44.5               | 47.3                      | 48.8                             | 35.0                      |
| 2018                                              | 46.4                  | 49.4               | 44.4               | 46.4                      | 47.4                             | 34.5                      |
| 2017                                              | 46.2                  | 49.6               | 43.8               | 45.5                      | 46.5                             | 34.5                      |
| 2016                                              | 45.6                  | 48.2               | 43.2               | 46.0                      | 49.1                             | 34.6                      |
| 2015                                              | 46.1                  | 49.4               | 43.1               | 47.9                      | 46.7                             | 35.6                      |
| 2014                                              | 46.5                  | 50.2               | 43.1               | 48.1                      | 46.3                             | 33.9                      |
| 2013                                              | 27.6                  | 20.7               | 33.9               | 31.7                      | 36.3                             | 23.9                      |

## 3. UTILIZATION OF PRENATAL CARE SERVICES

(Per 100 live births)

| Indicator                                             | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|-------------------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 3-1 - No care in the 1 <sup>st</sup> trimester |                       |                    |                    |                           |                                  |                           |
| 2023                                                  | 28.6                  | 22.7               | 32.2               | 35.0                      | 41.0                             | 25.4                      |
| 2022                                                  | 28.5                  | 23.1               | 31.7               | 34.4                      | 42.9                             | 24.4                      |
| 2021                                                  | 28.3                  | 22.7               | 31.9               | 34.9                      | 42.3                             | 22.3                      |
| 2020                                                  | 31.2                  | 24.9               | 35.6               | 39.7                      | 42.9                             | 25.7                      |
| 2019                                                  | 31.1                  | 24.2               | 35.8               | 40.2                      | 42.6                             | 26.8                      |
| 2018                                                  | 31.2                  | 24.3               | 36.2               | 37.6                      | 43.5                             | 27.5                      |
| 2017                                                  | 31.7                  | 25.4               | 36.6               | 38.6                      | 40.6                             | 27.8                      |
| 2016                                                  | 31.1                  | 25.3               | 36.1               | 37.2                      | 39.3                             | 26.8                      |
| 2015                                                  | 32.1                  | 26.8               | 36.4               | 37.8                      | 41.5                             | 28.2                      |
| 2014                                                  | 34.0                  | 28.3               | 39.5               | 38.6                      | 41.6                             | 29.5                      |
| 2013                                                  | 18.7                  | 12.6               | 23.8               | 21.8                      | 31.3                             | 13.6                      |
| Figure 3-2 - Fewer than five prenatal visits          |                       |                    |                    |                           |                                  |                           |
| 2023                                                  | 7.1                   | 4.5                | 8.6                | 9.8                       | 14.0                             | 4.9                       |
| 2022                                                  | 7.0                   | 4.8                | 8.2                | 9.4                       | 14.0                             | 5.2                       |
| 2021                                                  | 7.2                   | 4.9                | 8.6                | 8.7                       | 16.8                             | 4.9                       |
| 2020                                                  | 7.8                   | 5.1                | 9.5                | 10.0                      | 16.3                             | 5.0                       |
| 2019                                                  | 8.2                   | 5.2                | 10.0               | 10.2                      | 17.4                             | 5.2                       |
| 2018                                                  | 7.8                   | 4.8                | 9.8                | 9.4                       | 16.2                             | 5.2                       |
| 2017                                                  | 7.5                   | 4.7                | 9.5                | 8.9                       | 15.6                             | 4.7                       |
| 2016                                                  | 7.0                   | 4.3                | 9.0                | 8.5                       | 15.0                             | 4.4                       |
| 2015                                                  | 6.6                   | 3.9                | 8.3                | 8.9                       | 14.6                             | 4.8                       |
| 2014                                                  | 6.5                   | 3.7                | 8.6                | 9.0                       | 13.3                             | 4.0                       |
| 2013                                                  | 5.1                   | 2.8                | 6.8                | 6.0                       | 11.9                             | 3.3                       |

### 3. UTILIZATION OF PRENATAL CARE SERVICES (continued)

(Per 100 live births)

| Indicator                     | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|-------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 3-3 - No prenatal care |                       |                    |                    |                           |                                  |                           |
| 2023                          | 2.4                   | 1.6                | 3.0                | 2.9                       | 3.8                              | 1.3                       |
| 2022                          | 2.3                   | 1.7                | 2.7                | 2.9                       | 4.4                              | 1.6                       |
| 2021                          | 2.5                   | 1.7                | 3.1                | 2.6                       | 5.4                              | 1.6                       |
| 2020                          | 2.5                   | 1.5                | 3.2                | 2.7                       | 4.3                              | 1.7                       |
| 2019                          | 2.6                   | 1.5                | 3.4                | 3.0                       | 5.3                              | 1.3                       |
| 2018                          | 2.8                   | 1.6                | 3.7                | 3.0                       | 5.1                              | 1.9                       |
| 2017                          | 2.9                   | 1.6                | 4.1                | 3.3                       | 4.1                              | 1.9                       |
| 2016                          | 2.4                   | 1.4                | 3.4                | 2.2                       | 4.0                              | 1.3                       |
| 2015                          | 2.2                   | 1.3                | 3.0                | 2.5                       | 4.3                              | 1.2                       |
| 2014                          | 2.1                   | 1.1                | 3.2                | 2.8                       | 2.9                              | 1.4                       |
| 2013                          | 1.4                   | 0.7                | 2.1                | 1.3                       | 2.4                              | 0.7                       |

### 4. NEWBORN'S HEALTH

(Infant, neonatal and postneonatal rates are per 1,000 live births. All other indicators are expressed per 100 live births).

| Indicator                                                   | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|-------------------------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 4-1 - Newborn intensive care                         |                       |                    |                    |                           |                                  |                           |
| 2023                                                        | 7.8                   | 7.8                | 7.4                | 10.3                      | 8.4                              | 7.7                       |
| 2022                                                        | 7.3                   | 7.4                | 6.7                | 9.4                       | 9.1                              | 6.5                       |
| 2021                                                        | 7.9                   | 7.9                | 7.5                | 11.2                      | 9.0                              | 7.0                       |
| 2020                                                        | 7.8                   | 7.5                | 7.6                | 10.5                      | 8.3                              | 8.8                       |
| 2019                                                        | 7.7                   | 7.4                | 7.4                | 10.8                      | 8.6                              | 6.8                       |
| 2018                                                        | 7.6                   | 7.3                | 7.4                | 10.0                      | 7.8                              | 8.3                       |
| 2017                                                        | 7.1                   | 6.8                | 7.1                | 9.3                       | 6.5                              | 6.9                       |
| 2016                                                        | 6.9                   | 6.7                | 6.7                | 9.7                       | 6.4                              | 7.2                       |
| 2015                                                        | 6.9                   | 6.6                | 6.7                | 10.9                      | 6.0                              | 7.8                       |
| 2014                                                        | 6.7                   | 6.6                | 6.7                | 9.8                       | 4.7                              | 7.2                       |
| 2013                                                        | 5.3                   | 5.3                | 5.2                | 7.2                       | 4.1                              | 5.5                       |
| Figure 4-2 - Born too early (preterm or <37 weeks)          |                       |                    |                    |                           |                                  |                           |
| 2023                                                        | 9.9                   | 9.1                | 10.0               | 12.8                      | 11.6                             | 10.5                      |
| 2022                                                        | 9.8                   | 9.2                | 9.6                | 12.7                      | 12.5                             | 10.5                      |
| 2021                                                        | 10.0                  | 9.5                | 9.6                | 14.1                      | 12.4                             | 10.3                      |
| 2020                                                        | 9.5                   | 8.9                | 9.3                | 13.1                      | 10.8                             | 9.3                       |
| 2019                                                        | 9.3                   | 8.7                | 9.2                | 13.2                      | 10.6                             | 9.5                       |
| 2018                                                        | 9.5                   | 8.9                | 9.5                | 12.4                      | 10.4                             | 10.0                      |
| 2017                                                        | 9.3                   | 8.6                | 9.3                | 12.4                      | 10.9                             | 9.6                       |
| 2016                                                        | 9.0                   | 8.5                | 9.2                | 12.4                      | 9.9                              | 8.7                       |
| 2015                                                        | 9.0                   | 8.6                | 9.0                | 12.2                      | 9.6                              | 9.4                       |
| 2014                                                        | 9.0                   | 8.6                | 9.2                | 12.1                      | 8.2                              | 8.0                       |
| 2013                                                        | 9.0                   | 8.4                | 9.3                | 11.8                      | 9.7                              | 8.9                       |
| Figure 4-3 - Born too small: low-birthweight (<2,500 grams) |                       |                    |                    |                           |                                  |                           |
| 2023                                                        | 8.1                   | 7.3                | 7.8                | 13.0                      | 8.0                              | 11.0                      |
| 2022                                                        | 7.8                   | 7.2                | 7.3                | 12.9                      | 8.7                              | 10.6                      |
| 2021                                                        | 7.9                   | 7.2                | 7.6                | 13.6                      | 7.8                              | 9.2                       |
| 2020                                                        | 7.4                   | 6.8                | 7.0                | 12.8                      | 7.2                              | 9.6                       |
| 2019                                                        | 7.4                   | 6.8                | 7.0                | 12.3                      | 7.9                              | 8.6                       |
| 2018                                                        | 7.6                   | 7.1                | 7.2                | 12.3                      | 7.9                              | 9.8                       |
| 2017                                                        | 7.5                   | 7.0                | 7.0                | 12.4                      | 7.7                              | 9.5                       |
| 2016                                                        | 7.3                   | 6.8                | 7.1                | 12.0                      | 7.2                              | 9.3                       |
| 2015                                                        | 7.2                   | 6.6                | 6.9                | 12.3                      | 7.3                              | 9.0                       |
| 2014                                                        | 7.0                   | 6.8                | 6.7                | 11.9                      | 6.1                              | 8.1                       |
| 2013                                                        | 6.9                   | 6.4                | 6.6                | 11.1                      | 7.2                              | 7.9                       |

#### 4. NEWBORN'S HEALTH (continued)

(Infant, neonatal and postneonatal rates are per 1,000 live births. All other indicators are expressed per 100 live births).

| Indicator                                                              | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|------------------------------------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 4-4 - Born too small: very low-birthweight (<1,500 grams)       |                       |                    |                    |                           |                                  |                           |
| 2023                                                                   | 1.3                   | 1.1                | 1.2                | 2.4                       | 1.4                              | 1.4                       |
| 2022                                                                   | 1.2                   | 1.0                | 1.1                | 2.4                       | 1.6                              | 1.3                       |
| 2021                                                                   | 1.3                   | 1.1                | 1.3                | 2.6                       | 1.3                              | 1.4                       |
| 2020                                                                   | 1.1                   | 1.0                | 1.1                | 2.6                       | 1.2                              | 1.1                       |
| 2019                                                                   | 1.1                   | 1.0                | 1.1                | 2.4                       | 1.3                              | 1.0                       |
| 2018                                                                   | 1.2                   | 1.1                | 1.3                | 2.1                       | 1.4                              | 1.2                       |
| 2017                                                                   | 1.2                   | 1.0                | 1.3                | 2.3                       | 1.3                              | 1.1                       |
| 2016                                                                   | 1.2                   | 1.1                | 1.2                | 2.4                       | 1.3                              | 1.4                       |
| 2015                                                                   | 1.1                   | 1.0                | 1.1                | 2.3                       | 1.3                              | 1.2                       |
| 2014                                                                   | 1.2                   | 1.1                | 1.1                | 2.5                       | 0.9                              | 1.2                       |
| 2013                                                                   | 1.1                   | 1.0                | 1.1                | 2.0                       | 1.0                              | 1.1                       |
| Figure 4-5 - Incidence of congenital anomalies (birth defects)         |                       |                    |                    |                           |                                  |                           |
| 2023                                                                   | 0.4                   | 0.4                | 0.4                | 0.3                       | 0.7                              | 0.3                       |
| 2022                                                                   | 0.4                   | 0.4                | 0.4                | 0.3                       | 0.8                              | 0.4                       |
| 2021                                                                   | 0.5                   | 0.5                | 0.5                | 0.4                       | 0.6                              | 0.3                       |
| 2020                                                                   | 0.4                   | 0.4                | 0.4                | 0.2                       | 0.6                              | 0.3                       |
| 2019                                                                   | 0.4                   | 0.5                | 0.4                | 0.3                       | 0.7                              | 0.4                       |
| 2018                                                                   | 0.5                   | 0.5                | 0.5                | 0.4                       | 0.9                              | 0.4                       |
| 2017                                                                   | 0.5                   | 0.6                | 0.5                | 0.4                       | 0.8                              | 0.2                       |
| 2016                                                                   | 0.5                   | 0.4                | 0.5                | 0.2                       | 1.2                              | 0.2                       |
| 2015                                                                   | 0.5                   | 0.5                | 0.4                | 0.4                       | 1.0                              | 0.2                       |
| 2014                                                                   | 0.5                   | 0.5                | 0.5                | 0.3                       | 0.8                              | 0.2                       |
| 2013                                                                   | 0.7                   | 0.7                | 0.8                | 0.9                       | 0.8                              | 0.5                       |
| Figure 4-6 - Infant mortality                                          |                       |                    |                    |                           |                                  |                           |
| 2023                                                                   | 5.5                   | 4.5                | 5.8                | 9.2                       | 7.4                              | 4.0                       |
| 2022                                                                   | 6.2                   | 5.3                | 5.8                | 11.6                      | 9.2                              | 5.1                       |
| 2021                                                                   | 5.5                   | 4.3                | 5.6                | 12.9                      | 5.6                              | 4.0                       |
| 2020                                                                   | 5.3                   | 4.5                | 4.7                | 12.4                      | 8.1                              | 2.7                       |
| 2019                                                                   | 5.4                   | 4.4                | 5.2                | 11.9                      | 6.9                              | 5.1                       |
| 2018                                                                   | 5.6                   | 4.6                | 5.7                | 9.2                       | 9.3                              | 2.8                       |
| 2017                                                                   | 5.6                   | 4.7                | 5.2                | 10.7                      | 9.5                              | 4.8                       |
| 2016                                                                   | 5.4                   | 3.9                | 6.0                | 11.4                      | 8.3                              | 3.9                       |
| 2015                                                                   | 5.6                   | 4.7                | 5.5                | 11.0                      | 7.8                              | 4.0                       |
| 2014                                                                   | 6.2                   | 5.3                | 6.4                | 11.7                      | 8.7                              | 2.5                       |
| 2013                                                                   | 5.3                   | 4.2                | 5.6                | 12.5                      | 6.6                              | 1.7                       |
| Figure 4-7 - Sudden Infant Death Syndrome (SIDS)                       |                       |                    |                    |                           |                                  |                           |
| 2023                                                                   | 0.1                   | 0.1                | 0.1                | 0.2                       | 0.3                              | 0.0                       |
| 2022                                                                   | 0.2                   | 0.2                | 0.1                | 0.2                       | 0.7                              | 0.0                       |
| 2021                                                                   | 0.2                   | 0.3                | 0.1                | 0.2                       | 0.3                              | 0.0                       |
| 2020                                                                   | 0.2                   | 0.2                | 0.1                | 0.2                       | 0.5                              | 0.0                       |
| 2019                                                                   | 0.2                   | 0.3                | 0.1                | 0.0                       | 0.7                              | 0.3                       |
| 2018                                                                   | 0.2                   | 0.1                | 0.1                | 0.6                       | 0.4                              | 0.3                       |
| 2017                                                                   | 0.2                   | 0.1                | 0.1                | 0.7                       | 0.4                              | 0.6                       |
| 2016                                                                   | 0.1                   | 0.1                | 0.0                | 0.2                       | 0.2                              | 0.0                       |
| 2015                                                                   | 0.2                   | 0.2                | 0.1                | 0.2                       | 0.4                              | 0.0                       |
| 2014                                                                   | 0.2                   | 0.1                | 0.1                | 0.2                       | 0.4                              | 0.0                       |
| 2013                                                                   | 0.2                   | 0.2                | 0.1                | 0.6                       | 0.2                              | 0.0                       |
| Figure 4-8 - Mortality of infants from low birthweight/short gestation |                       |                    |                    |                           |                                  |                           |
| 2023                                                                   | 0.8                   | 0.5                | 0.9                | 1.7                       | 1.3                              | 1.8                       |
| 2022                                                                   | 1.1                   | 0.8                | 1.2                | 3.1                       | 0.7                              | 1.3                       |
| 2021                                                                   | 1.1                   | 0.8                | 1.2                | 3.5                       | 0.3                              | 1.3                       |
| 2020                                                                   | 1.0                   | 0.8                | 0.8                | 2.5                       | 0.5                              | 0.7                       |
| 2019                                                                   | 0.7                   | 0.4                | 0.8                | 2.1                       | 0.2                              | 1.3                       |
| 2018                                                                   | 0.9                   | 0.7                | 0.9                | 1.3                       | 0.8                              | 0.9                       |
| 2017                                                                   | 0.8                   | 0.6                | 0.8                | 1.7                       | 0.6                              | 0.9                       |
| 2016                                                                   | 0.7                   | 0.3                | 0.9                | 1.6                       | 1.2                              | 0.6                       |
| 2015                                                                   | 0.6                   | 0.5                | 0.7                | 1.4                       | 0.6                              | 0.3                       |
| 2014                                                                   | 0.7                   | 0.5                | 0.8                | 1.3                       | 0.8                              | 0.9                       |
| 2013                                                                   | 0.7                   | 0.4                | 0.9                | 1.7                       | 0.5                              | 0.3                       |

#### 4. NEWBORN'S HEALTH (continued)

(Infant, neonatal and postneonatal rates are per 1,000 live births. All other indicators are expressed per 100 live births).

| Indicator                            | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 4-9 - Neonatal mortality      |                       |                    |                    |                           |                                  |                           |
| 2023                                 | 3.8                   | 2.9                | 4.3                | 5.9                       | 5.1                              | 3.1                       |
| 2022                                 | 4.1                   | 3.4                | 4.1                | 8.0                       | 4.5                              | 3.2                       |
| 2021                                 | 3.8                   | 2.7                | 4.2                | 9.2                       | 3.1                              | 3.0                       |
| 2020                                 | 3.5                   | 3.0                | 3.4                | 7.6                       | 3.2                              | 1.3                       |
| 2019                                 | 3.4                   | 2.7                | 3.3                | 7.6                       | 3.1                              | 3.5                       |
| 2018                                 | 3.9                   | 3.3                | 4.1                | 5.4                       | 5.3                              | 1.5                       |
| 2017                                 | 3.5                   | 3.0                | 3.5                | 6.5                       | 4.1                              | 2.1                       |
| 2016                                 | 3.6                   | 2.4                | 4.2                | 7.5                       | 4.2                              | 3.9                       |
| 2015                                 | 3.5                   | 2.8                | 3.8                | 5.7                       | 3.2                              | 3.7                       |
| 2014                                 | 4.1                   | 3.4                | 4.4                | 7.5                       | 5.1                              | 2.2                       |
| 2013                                 | 3.4                   | 2.5                | 4.0                | 8.0                       | 3.7                              | 0.9                       |
| Figure 4-10 - Postneonatal mortality |                       |                    |                    |                           |                                  |                           |
| 2023                                 | 1.7                   | 1.6                | 1.5                | 3.4                       | 2.3                              | 0.9                       |
| 2022                                 | 2.1                   | 1.9                | 1.7                | 3.5                       | 4.7                              | 1.9                       |
| 2021                                 | 1.7                   | 1.6                | 1.5                | 3.8                       | 2.6                              | 1.0                       |
| 2020                                 | 1.8                   | 1.5                | 1.3                | 4.8                       | 4.9                              | 1.3                       |
| 2019                                 | 2.1                   | 1.7                | 1.9                | 4.3                       | 3.8                              | 1.6                       |
| 2018                                 | 1.7                   | 1.3                | 1.5                | 3.9                       | 4.0                              | 1.2                       |
| 2017                                 | 2.1                   | 1.7                | 1.7                | 4.1                       | 5.3                              | 2.7                       |
| 2016                                 | 1.8                   | 1.4                | 1.8                | 3.9                       | 4.2                              | 0.0                       |
| 2015                                 | 2.1                   | 1.9                | 1.7                | 5.3                       | 4.6                              | 0.3                       |
| 2014                                 | 2.1                   | 1.9                | 2.0                | 4.2                       | 3.7                              | 0.3                       |
| 2013                                 | 1.9                   | 1.7                | 1.6                | 4.4                       | 2.9                              | 0.9                       |

#### 5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

| Indicator                            | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 5-1 - Cardiovascular diseases |                       |                    |                    |                           |                                  |                           |
| 2023                                 | 194.5                 | 195.3              | 173.7              | 284.1                     | 205.2                            | 118.9                     |
| 2022                                 | 199.7                 | 200.3              | 178.4              | 287.3                     | 211.8                            | 131.1                     |
| 2021                                 | 203.4                 | 203.4              | 182.6              | 289.1                     | 210.8                            | 146.5                     |
| 2020                                 | 205.3                 | 204.5              | 182.7              | 293.7                     | 237.2                            | 134.7                     |
| 2019                                 | 184.9                 | 185.9              | 160.4              | 254.7                     | 192.7                            | 128.0                     |
| 2018                                 | 188.4                 | 189.8              | 167.5              | 241.1                     | 186.0                            | 128.2                     |
| 2017                                 | 189.9                 | 191.4              | 166.2              | 258.3                     | 204.2                            | 125.2                     |
| 2016                                 | 190.8                 | 194.4              | 168.3              | 275.8                     | 189.6                            | 120.9                     |
| 2015                                 | 189.0                 | 192.4              | 165.1              | 266.8                     | 167.0                            | 119.1                     |
| 2014                                 | 171.6                 | 174.9              | 156.2              | 212.3                     | 147.7                            | 100.8                     |
| 2013                                 | 187.7                 | 190.9              | 161.9              | 280.2                     | 164.2                            | 133.6                     |
| Figure 5-2 - Diseases of the heart   |                       |                    |                    |                           |                                  |                           |
| 2023                                 | 145.4                 | 148.9              | 117.7              | 195.9                     | 157.0                            | 79.6                      |
| 2022                                 | 148.2                 | 151.3              | 121.2              | 194.9                     | 156.1                            | 88.9                      |
| 2021                                 | 151.2                 | 154.7              | 123.5              | 193.3                     | 145.9                            | 97.6                      |
| 2020                                 | 152.9                 | 154.9              | 125.5              | 212.3                     | 164.3                            | 91.0                      |
| 2019                                 | 137.3                 | 140.4              | 107.9              | 188.3                     | 132.8                            | 86.7                      |
| 2018                                 | 140.5                 | 144.3              | 116.0              | 166.4                     | 129.9                            | 86.0                      |
| 2017                                 | 141.9                 | 146.1              | 112.5              | 169.6                     | 150.9                            | 87.2                      |
| 2016                                 | 142.5                 | 147.7              | 116.3              | 188.3                     | 139.9                            | 76.6                      |
| 2015                                 | 141.3                 | 146.0              | 117.6              | 184.4                     | 119.9                            | 75.0                      |
| 2014                                 | 129.9                 | 134.4              | 114.0              | 140.9                     | 107.5                            | 60.3                      |
| 2013                                 | 143.0                 | 147.6              | 116.1              | 200.5                     | 122.9                            | 82.5                      |

## 5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases (continued)

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

| Indicator                                       | ALL ARIZONA<br>RESIDENTS | White non-<br>Hispanic | Hispanic or<br>Latino | Black or<br>African<br>American | American<br>Indian or<br>Alaska Native | Asian or<br>Pacific<br>Islander |
|-------------------------------------------------|--------------------------|------------------------|-----------------------|---------------------------------|----------------------------------------|---------------------------------|
| Figure 5-3 - Coronary heart disease             |                          |                        |                       |                                 |                                        |                                 |
| 2023                                            | 101.3                    | 104.4                  | 82.2                  | 135.0                           | 102.8                                  | 53.2                            |
| 2022                                            | 103.9                    | 106.5                  | 84.8                  | 131.5                           | 104.0                                  | 67.4                            |
| 2021                                            | 108.1                    | 110.8                  | 88.0                  | 144.1                           | 97.6                                   | 70.9                            |
| 2020                                            | 109.4                    | 111.2                  | 91.5                  | 138.3                           | 111.1                                  | 66.6                            |
| 2019                                            | 98.2                     | 101.0                  | 75.6                  | 128.5                           | 87.8                                   | 62.2                            |
| 2018                                            | 100.8                    | 102.9                  | 86.2                  | 117.5                           | 92.8                                   | 67.1                            |
| 2017                                            | 102.8                    | 105.4                  | 85.1                  | 122.8                           | 109.5                                  | 70.6                            |
| 2016                                            | 106.2                    | 110.5                  | 86.4                  | 141.6                           | 99.9                                   | 56.1                            |
| 2015                                            | 104.6                    | 108.0                  | 90.2                  | 132.5                           | 83.3                                   | 54.9                            |
| 2014                                            | 99.3                     | 102.7                  | 88.1                  | 109.9                           | 79.6                                   | 50.4                            |
| 2013                                            | 110.0                    | 113.3                  | 91.6                  | 164.0                           | 92.7                                   | 63.4                            |
| Figure 5-4 - Cerebrovascular disease            |                          |                        |                       |                                 |                                        |                                 |
| 2023                                            | 32.5                     | 30.6                   | 38.5                  | 51.4                            | 30.3                                   | 25.9                            |
| 2022                                            | 34.5                     | 32.8                   | 38.3                  | 54.2                            | 36.6                                   | 29.4                            |
| 2021                                            | 34.4                     | 32.0                   | 38.6                  | 61.9                            | 41.3                                   | 32.3                            |
| 2020                                            | 34.6                     | 32.9                   | 38.3                  | 48.6                            | 43.5                                   | 29.9                            |
| 2019                                            | 31.0                     | 30.0                   | 33.9                  | 35.7                            | 35.7                                   | 23.2                            |
| 2018                                            | 32.1                     | 30.6                   | 34.6                  | 44.1                            | 39.2                                   | 27.9                            |
| 2017                                            | 30.7                     | 29.2                   | 34.5                  | 49.2                            | 31.7                                   | 23.6                            |
| 2016                                            | 30.7                     | 30.0                   | 31.5                  | 48.1                            | 30.1                                   | 31.1                            |
| 2015                                            | 31.1                     | 30.1                   | 32.4                  | 51.8                            | 31.6                                   | 30.4                            |
| 2014                                            | 26.2                     | 25.3                   | 27.4                  | 40.8                            | 24.5                                   | 28.7                            |
| 2013                                            | 28.2                     | 27.1                   | 29.7                  | 54.4                            | 23.4                                   | 30.7                            |
| Figure 5-5 - Chronic lower respiratory diseases |                          |                        |                       |                                 |                                        |                                 |
| 2023                                            | 33.9                     | 38.5                   | 14.9                  | 25.9                            | 18.2                                   | 8.3                             |
| 2022                                            | 35.3                     | 40.1                   | 15.3                  | 36.6                            | 14.6                                   | 11.1                            |
| 2021                                            | 35.3                     | 39.8                   | 17.2                  | 25.7                            | 15.2                                   | 13.7                            |
| 2020                                            | 38.8                     | 43.1                   | 21.9                  | 27.4                            | 20.9                                   | 14.3                            |
| 2019                                            | 39.2                     | 43.7                   | 20.1                  | 34.2                            | 18.1                                   | 11.6                            |
| 2018                                            | 42.6                     | 48.0                   | 18.3                  | 38.2                            | 20.8                                   | 17.2                            |
| 2017                                            | 43.0                     | 48.0                   | 19.9                  | 28.8                            | 22.9                                   | 20.1                            |
| 2016                                            | 45.0                     | 50.9                   | 20.0                  | 43.8                            | 19.5                                   | 11.3                            |
| 2015                                            | 45.1                     | 50.8                   | 21.5                  | 34.0                            | 14.8                                   | 18.1                            |
| 2014                                            | 41.1                     | 45.9                   | 21.1                  | 34.0                            | 12.4                                   | 17.3                            |
| 2013                                            | 44.5                     | 49.3                   | 20.9                  | 46.7                            | 15.5                                   | 19.4                            |
| Figure 5-6 - Malignant neoplasms (cancer)       |                          |                        |                       |                                 |                                        |                                 |
| 2023                                            | 128.4                    | 129.6                  | 120.2                 | 166.9                           | 125.2                                  | 88.3                            |
| 2022                                            | 133.1                    | 136.5                  | 113.8                 | 166.1                           | 139.3                                  | 102.7                           |
| 2021                                            | 131.8                    | 136.0                  | 110.9                 | 154.4                           | 128.9                                  | 94.4                            |
| 2020                                            | 134.7                    | 138.9                  | 114.8                 | 169.4                           | 116.5                                  | 87.9                            |
| 2019                                            | 134.7                    | 136.9                  | 118.3                 | 173.5                           | 132.3                                  | 98.4                            |
| 2018                                            | 135.9                    | 140.2                  | 118.7                 | 156.7                           | 115.3                                  | 102.7                           |
| 2017                                            | 136.6                    | 141.4                  | 110.9                 | 158.5                           | 117.1                                  | 99.4                            |
| 2016                                            | 140.7                    | 146.7                  | 115.9                 | 171.6                           | 101.2                                  | 102.6                           |
| 2015                                            | 144.0                    | 149.8                  | 120.4                 | 154.7                           | 124.4                                  | 104.8                           |
| 2014                                            | 136.3                    | 141.8                  | 124.9                 | 145.0                           | 97.1                                   | 83.2                            |
| 2013                                            | 149.6                    | 154.3                  | 129.8                 | 190.4                           | 118.2                                  | 100.1                           |
| Figure 5-7 - Lung cancer                        |                          |                        |                       |                                 |                                        |                                 |
| 2023                                            | 23.1                     | 25.1                   | 14.7                  | 29.3                            | 8.2                                    | 15.7                            |
| 2022                                            | 24.3                     | 26.5                   | 15.6                  | 30.3                            | 8.9                                    | 21.5                            |
| 2021                                            | 25.8                     | 28.8                   | 14.4                  | 23.1                            | 7.9                                    | 19.9                            |
| 2020                                            | 26.8                     | 29.4                   | 15.3                  | 36.0                            | 9.6                                    | 14.8                            |
| 2019                                            | 26.2                     | 28.6                   | 16.3                  | 33.1                            | 8.1                                    | 20.9                            |
| 2018                                            | 28.9                     | 31.5                   | 17.6                  | 35.6                            | 9.0                                    | 22.8                            |
| 2017                                            | 30.8                     | 34.3                   | 15.2                  | 27.9                            | 8.5                                    | 29.2                            |
| 2016                                            | 31.4                     | 34.8                   | 17.8                  | 37.8                            | 7.4                                    | 19.5                            |
| 2015                                            | 35.1                     | 39.1                   | 18.8                  | 38.4                            | 8.1                                    | 30.6                            |
| 2014                                            | 32.2                     | 35.3                   | 21.6                  | 29.5                            | 10.2                                   | 26.7                            |
| 2013                                            | 36.4                     | 40.2                   | 22.1                  | 40.5                            | 10.0                                   | 22.9                            |

## 5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases (continued)

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

| Indicator                             | ALL ARIZONA<br>RESIDENTS | White non-<br>Hispanic | Hispanic or<br>Latino | Black or<br>African<br>American | American<br>Indian or<br>Alaska Native | Asian or<br>Pacific<br>Islander |
|---------------------------------------|--------------------------|------------------------|-----------------------|---------------------------------|----------------------------------------|---------------------------------|
| Figure 5-8 - Breast cancer (female)   |                          |                        |                       |                                 |                                        |                                 |
| 2023                                  | 17.5                     | 18.0                   | 16.5                  | 18.9                            | 16.0                                   | 5.9                             |
| 2022                                  | 18.8                     | 19.8                   | 13.4                  | 33.9                            | 11.2                                   | 12.6                            |
| 2021                                  | 19.5                     | 19.9                   | 15.5                  | 30.5                            | 18.3                                   | 17.7                            |
| 2020                                  | 18.5                     | 19.5                   | 15.9                  | 28.2                            | 6.5                                    | 13.5                            |
| 2019                                  | 18.8                     | 19.1                   | 15.2                  | 39.3                            | 17.6                                   | 13.8                            |
| 2018                                  | 17.6                     | 18.7                   | 13.8                  | 24.9                            | 9.1                                    | 17.6                            |
| 2017                                  | 18.2                     | 18.7                   | 13.3                  | 36.7                            | 13.0                                   | 14.5                            |
| 2016                                  | 19.4                     | 20.8                   | 13.9                  | 23.0                            | 11.8                                   | 13.4                            |
| 2015                                  | 19.2                     | 20.7                   | 12.9                  | 23.1                            | 12.8                                   | 13.3                            |
| 2014                                  | 17.9                     | 18.5                   | 16.5                  | 29.4                            | 9.2                                    | 6.3                             |
| 2013                                  | 20.7                     | 21.3                   | 19.7                  | 23.3                            | 13.1                                   | 11.4                            |
| Figure 5-9 - Cervical cancer (female) |                          |                        |                       |                                 |                                        |                                 |
| 2023                                  | 2.0                      | 2.2                    | 1.2                   | 0.6                             | 3.0                                    | 5.2                             |
| 2022                                  | 2.3                      | 2.1                    | 3.2                   | 1.7                             | 0.8                                    | 0.0                             |
| 2021                                  | 2.5                      | 2.1                    | 2.7                   | 4.7                             | 5.0                                    | 2.0                             |
| 2020                                  | 1.7                      | 1.3                    | 2.5                   | 2.3                             | 2.3                                    | 1.3                             |
| 2019                                  | 2.0                      | 2.2                    | 2.3                   | 0.6                             | 1.5                                    | 1.6                             |
| 2018                                  | 2.0                      | 1.7                    | 2.2                   | 2.1                             | 2.2                                    | 1.7                             |
| 2017                                  | 2.1                      | 1.8                    | 2.8                   | 2.2                             | 1.8                                    | 1.5                             |
| 2016                                  | 2.1                      | 1.8                    | 3.1                   | 3.6                             | 1.9                                    | 0.0                             |
| 2015                                  | 2.3                      | 1.9                    | 3.6                   | 2.2                             | 1.9                                    | 2.1                             |
| 2014                                  | 2.0                      | 2.0                    | 2.2                   | 4.5                             | 0.0                                    | 1.9                             |
| 2013                                  | 2.4                      | 2.1                    | 4.4                   | 1.5                             | 2.0                                    | 0.8                             |
| Figure 5-10 - Colorectal cancer       |                          |                        |                       |                                 |                                        |                                 |
| 2023                                  | 12.8                     | 12.6                   | 12.9                  | 21.4                            | 13.6                                   | 8.9                             |
| 2022                                  | 12.6                     | 12.6                   | 11.5                  | 18.1                            | 20.1                                   | 10.5                            |
| 2021                                  | 12.4                     | 12.6                   | 11.9                  | 15.9                            | 8.2                                    | 9.6                             |
| 2020                                  | 12.7                     | 12.9                   | 11.3                  | 18.2                            | 12.8                                   | 9.2                             |
| 2019                                  | 12.3                     | 12.4                   | 11.2                  | 14.2                            | 12.9                                   | 11.0                            |
| 2018                                  | 12.9                     | 12.7                   | 13.8                  | 17.2                            | 10.8                                   | 12.5                            |
| 2017                                  | 13.0                     | 13.2                   | 12.7                  | 15.1                            | 11.1                                   | 6.0                             |
| 2016                                  | 12.9                     | 13.2                   | 11.1                  | 17.4                            | 8.0                                    | 13.1                            |
| 2015                                  | 12.9                     | 12.9                   | 11.8                  | 19.5                            | 13.3                                   | 9.4                             |
| 2014                                  | 12.4                     | 13.2                   | 10.8                  | 15.8                            | 7.0                                    | 7.2                             |
| 2013                                  | 13.6                     | 13.7                   | 12.5                  | 21.7                            | 11.3                                   | 12.1                            |
| Figure 5-11 - Prostate cancer (males) |                          |                        |                       |                                 |                                        |                                 |
| 2023                                  | 17.2                     | 16.4                   | 19.7                  | 38.7                            | 21.5                                   | 6.4                             |
| 2022                                  | 16.7                     | 16.4                   | 14.8                  | 32.1                            | 16.0                                   | 12.7                            |
| 2021                                  | 17.2                     | 16.6                   | 18.2                  | 37.0                            | 13.0                                   | 9.3                             |
| 2020                                  | 18.5                     | 18.2                   | 18.3                  | 35.4                            | 17.5                                   | 8.1                             |
| 2019                                  | 17.4                     | 17.0                   | 16.9                  | 41.9                            | 19.0                                   | 9.9                             |
| 2018                                  | 17.4                     | 17.1                   | 15.8                  | 30.5                            | 23.7                                   | 12.1                            |
| 2017                                  | 16.8                     | 16.5                   | 16.3                  | 26.3                            | 19.9                                   | 9.7                             |
| 2016                                  | 18.8                     | 18.6                   | 19.4                  | 39.5                            | 15.9                                   | 6.4                             |
| 2015                                  | 17.6                     | 17.3                   | 17.6                  | 29.6                            | 26.0                                   | 10.7                            |
| 2014                                  | 17.0                     | 17.0                   | 15.5                  | 24.0                            | 23.0                                   | 7.4                             |
| 2013                                  | 18.2                     | 18.0                   | 17.0                  | 26.7                            | 19.9                                   | 18.5                            |
| Figure 5-12 - Influenza and pneumonia |                          |                        |                       |                                 |                                        |                                 |
| 2023                                  | 9.6                      | 8.9                    | 10.1                  | 12.3                            | 28.0                                   | 7.6                             |
| 2022                                  | 10.0                     | 9.1                    | 11.2                  | 10.3                            | 32.5                                   | 6.0                             |
| 2021                                  | 9.9                      | 9.1                    | 10.3                  | 13.4                            | 26.7                                   | 8.1                             |
| 2020                                  | 12.1                     | 10.9                   | 14.4                  | 12.8                            | 41.4                                   | 7.8                             |
| 2019                                  | 10.4                     | 9.7                    | 9.9                   | 12.6                            | 27.6                                   | 9.9                             |
| 2018                                  | 12.7                     | 12.3                   | 12.7                  | 11.7                            | 30.1                                   | 8.2                             |
| 2017                                  | 9.9                      | 9.3                    | 11.2                  | 9.3                             | 25.0                                   | 5.1                             |
| 2016                                  | 10.4                     | 9.6                    | 11.5                  | 10.3                            | 29.6                                   | 9.9                             |
| 2015                                  | 9.4                      | 8.6                    | 11.2                  | 16.4                            | 23.8                                   | 6.7                             |
| 2014                                  | 8.9                      | 8.8                    | 9.4                   | 4.2                             | 22.9                                   | 6.7                             |
| 2013                                  | 10.0                     | 9.6                    | 10.9                  | 11.9                            | 24.7                                   | 8.0                             |

## 5. MORTALITY FROM NATURAL CAUSES - Chronic or Infectious Diseases (continued)

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

| Indicator                                         | ALL ARIZONA<br>RESIDENTS | White non-<br>Hispanic | Hispanic or<br>Latino | Black or<br>African<br>American | American<br>Indian or<br>Alaska Native | Asian or<br>Pacific<br>Islander |
|---------------------------------------------------|--------------------------|------------------------|-----------------------|---------------------------------|----------------------------------------|---------------------------------|
| Figure 5-13 - Diabetes                            |                          |                        |                       |                                 |                                        |                                 |
| 2023                                              | 23.9                     | 19.2                   | 33.2                  | 43.2                            | 83.7                                   | 22.5                            |
| 2022                                              | 25.1                     | 19.7                   | 39.5                  | 42.4                            | 88.0                                   | 19.4                            |
| 2021                                              | 26.8                     | 20.0                   | 42.5                  | 48.3                            | 97.6                                   | 30.1                            |
| 2020                                              | 27.9                     | 21.4                   | 43.1                  | 51.7                            | 106.4                                  | 22.1                            |
| 2019                                              | 23.9                     | 18.9                   | 34.6                  | 43.6                            | 91.4                                   | 19.5                            |
| 2018                                              | 23.0                     | 18.0                   | 35.0                  | 48.9                            | 73.6                                   | 17.0                            |
| 2017                                              | 23.8                     | 18.1                   | 39.4                  | 45.9                            | 81.6                                   | 21.3                            |
| 2016                                              | 24.5                     | 19.3                   | 40.5                  | 50.1                            | 79.9                                   | 20.8                            |
| 2015                                              | 25.7                     | 20.1                   | 45.3                  | 53.0                            | 73.9                                   | 22.7                            |
| 2014                                              | 23.0                     | 18.8                   | 39.1                  | 39.7                            | 63.2                                   | 18.3                            |
| 2013                                              | 23.6                     | 18.6                   | 40.7                  | 60.2                            | 65.7                                   | 17.9                            |
| Figure 5-14 - Chronic liver disease and cirrhosis |                          |                        |                       |                                 |                                        |                                 |
| 2023                                              | 16.4                     | 13.8                   | 17.1                  | 8.3                             | 91.8                                   | 6.4                             |
| 2022                                              | 17.4                     | 13.4                   | 19.9                  | 8.2                             | 106.0                                  | 4.9                             |
| 2021                                              | 21.6                     | 17.5                   | 18.6                  | 12.9                            | 145.7                                  | 4.3                             |
| 2020                                              | 17.4                     | 14.9                   | 16.7                  | 4.3                             | 103.2                                  | 3.1                             |
| 2019                                              | 14.7                     | 12.4                   | 14.5                  | 7.8                             | 82.7                                   | 3.9                             |
| 2018                                              | 14.2                     | 11.3                   | 15.1                  | 6.8                             | 88.8                                   | 3.4                             |
| 2017                                              | 14.2                     | 11.9                   | 15.8                  | 4.6                             | 74.0                                   | 4.8                             |
| 2016                                              | 15.1                     | 12.5                   | 16.8                  | 7.7                             | 85.9                                   | 2.0                             |
| 2015                                              | 14.9                     | 13.1                   | 14.0                  | 8.4                             | 77.6                                   | 4.0                             |
| 2014                                              | 13.2                     | 10.9                   | 18.0                  | 8.3                             | 52.7                                   | 3.8                             |
| 2013                                              | 14.5                     | 12.6                   | 16.7                  | 6.8                             | 62.0                                   | 3.9                             |
| Figure 5-15 - HIV disease                         |                          |                        |                       |                                 |                                        |                                 |
| 2023                                              | 0.9                      | 0.7                    | 1.1                   | 2.1                             | 2.2                                    | 0.6                             |
| 2022                                              | 1.4                      | 1.1                    | 1.5                   | 3.5                             | 2.5                                    | 0.6                             |
| 2021                                              | 1.3                      | 0.9                    | 1.6                   | 3.8                             | 3.3                                    | 0.3                             |
| 2020                                              | 0.9                      | 0.8                    | 0.6                   | 3.8                             | 1.6                                    | 0.3                             |
| 2019                                              | 0.9                      | 0.8                    | 0.8                   | 3.3                             | 1.9                                    | 0.0                             |
| 2018                                              | 1.1                      | 0.9                    | 1.0                   | 1.9                             | 2.1                                    | 1.1                             |
| 2017                                              | 1.2                      | 1.0                    | 1.3                   | 3.6                             | 1.1                                    | 0.4                             |
| 2016                                              | 1.4                      | 1.3                    | 1.0                   | 7.2                             | 1.3                                    | 0.8                             |
| 2015                                              | 1.6                      | 1.3                    | 1.4                   | 5.3                             | 2.1                                    | 0.8                             |
| 2014                                              | 1.6                      | 1.5                    | 1.6                   | 4.5                             | 1.8                                    | 0.7                             |
| 2013                                              | 1.4                      | 1.2                    | 1.2                   | 5.9                             | 1.9                                    | 0.0                             |
| Figure 5-16 - Septicemia                          |                          |                        |                       |                                 |                                        |                                 |
| 2023                                              | 5.7                      | 4.7                    | 8.1                   | 10.3                            | 16.5                                   | 2.3                             |
| 2022                                              | 5.5                      | 4.9                    | 6.6                   | 6.3                             | 15.2                                   | 3.6                             |
| 2021                                              | 5.4                      | 5.3                    | 5.6                   | 8.1                             | 15.1                                   | 2.3                             |
| 2020                                              | 4.7                      | 4.1                    | 5.3                   | 8.3                             | 19.3                                   | 2.7                             |
| 2019                                              | 3.8                      | 3.1                    | 4.4                   | 3.8                             | 14.0                                   | 2.4                             |
| 2018                                              | 4.4                      | 3.9                    | 5.7                   | 5.6                             | 13.4                                   | 1.3                             |
| 2017                                              | 5.5                      | 4.9                    | 7.1                   | 8.0                             | 14.5                                   | 4.0                             |
| 2016                                              | 6.2                      | 5.2                    | 7.3                   | 11.7                            | 17.6                                   | 4.7                             |
| 2015                                              | 5.4                      | 5.0                    | 5.9                   | 9.7                             | 14.0                                   | 4.7                             |
| 2014                                              | 4.4                      | 4.0                    | 5.6                   | 4.0                             | 8.5                                    | 3.1                             |
| 2013                                              | 4.8                      | 4.5                    | 6.1                   | 7.4                             | 11.4                                   | 3.8                             |
| Figure 5-17 - Alzheimer's disease                 |                          |                        |                       |                                 |                                        |                                 |
| 2023                                              | 26.3                     | 26.2                   | 29.3                  | 35.8                            | 15.6                                   | 14.6                            |
| 2022                                              | 28.5                     | 28.6                   | 29.6                  | 35.7                            | 18.9                                   | 17.3                            |
| 2021                                              | 28.3                     | 28.5                   | 29.8                  | 29.1                            | 20.6                                   | 18.9                            |
| 2020                                              | 34.7                     | 34.6                   | 36.1                  | 44.8                            | 21.4                                   | 28.6                            |
| 2019                                              | 33.2                     | 33.6                   | 33.0                  | 44.8                            | 20.4                                   | 18.8                            |
| 2018                                              | 34.3                     | 35.1                   | 30.5                  | 45.1                            | 21.0                                   | 19.8                            |
| 2017                                              | 35.2                     | 36.1                   | 33.6                  | 39.5                            | 12.7                                   | 16.9                            |
| 2016                                              | 37.3                     | 37.9                   | 34.6                  | 48.6                            | 24.5                                   | 26.2                            |
| 2015                                              | 37.3                     | 37.8                   | 36.5                  | 46.1                            | 21.3                                   | 20.4                            |
| 2014                                              | 30.9                     | 31.1                   | 34.1                  | 35.8                            | 21.4                                   | 11.0                            |
| 2013                                              | 33.2                     | 33.4                   | 35.6                  | 41.3                            | 16.0                                   | 18.2                            |

## 5. MORTALITY FROM NATURAL CAUSES - Chronic or Infectious Diseases (continued)

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

| Indicator                                                                  | ALL ARIZONA<br>RESIDENTS | White non-<br>Hispanic | Hispanic or<br>Latino | Black or<br>African<br>American | American<br>Indian or<br>Alaska Native | Asian or<br>Pacific<br>Islander |
|----------------------------------------------------------------------------|--------------------------|------------------------|-----------------------|---------------------------------|----------------------------------------|---------------------------------|
| Figure 5-18 - Nephritis, nephrotic syndrome and nephrosis (kidney disease) |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                                       | 8.2                      | 6.3                    | 10.9                  | 18.5                            | 25.7                                   | 9.3                             |
| 2022                                                                       | 8.5                      | 6.9                    | 12.4                  | 15.0                            | 28.9                                   | 4.8                             |
| 2021                                                                       | 9.1                      | 7.5                    | 12.5                  | 17.4                            | 23.2                                   | 7.5                             |
| 2020                                                                       | 8.4                      | 7.2                    | 12.0                  | 11.8                            | 20.2                                   | 5.5                             |
| 2019                                                                       | 8.3                      | 7.0                    | 12.2                  | 10.7                            | 23.3                                   | 7.5                             |
| 2018                                                                       | 7.7                      | 6.3                    | 10.5                  | 21.5                            | 23.0                                   | 6.5                             |
| 2017                                                                       | 6.2                      | 5.4                    | 7.1                   | 9.4                             | 18.7                                   | 6.4                             |
| 2016                                                                       | 5.8                      | 4.9                    | 8.4                   | 8.4                             | 24.7                                   | 1.5                             |
| 2015                                                                       | 6.3                      | 5.6                    | 8.3                   | 10.7                            | 18.3                                   | 5.7                             |
| 2014                                                                       | 4.6                      | 4.2                    | 6.8                   | 5.3                             | 8.3                                    | 3.8                             |
| 2013                                                                       | 5.3                      | 4.9                    | 4.5                   | 12.2                            | 15.8                                   | 6.2                             |
| Figure 5-19 - Essential (primary) hypertension                             |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                                       | 10.6                     | 9.6                    | 12.3                  | 26.8                            | 12.5                                   | 10.7                            |
| 2022                                                                       | 11.3                     | 10.1                   | 14.6                  | 28.4                            | 14.3                                   | 7.6                             |
| 2021                                                                       | 12.4                     | 11.1                   | 15.9                  | 26.1                            | 19.7                                   | 11.7                            |
| 2020                                                                       | 12.2                     | 10.9                   | 14.2                  | 25.0                            | 25.1                                   | 8.8                             |
| 2019                                                                       | 11.0                     | 9.8                    | 13.3                  | 23.7                            | 21.4                                   | 13.1                            |
| 2018                                                                       | 10.5                     | 9.3                    | 12.9                  | 23.6                            | 13.4                                   | 11.6                            |
| 2017                                                                       | 11.8                     | 10.6                   | 14.1                  | 29.6                            | 14.9                                   | 10.6                            |
| 2016                                                                       | 12.2                     | 11.2                   | 14.6                  | 28.5                            | 16.1                                   | 11.1                            |
| 2015                                                                       | 11.1                     | 10.7                   | 11.7                  | 21.6                            | 13.0                                   | 8.7                             |
| 2014                                                                       | 9.9                      | 9.2                    | 10.2                  | 23.1                            | 13.3                                   | 9.2                             |
| 2013                                                                       | 9.7                      | 8.9                    | 11.4                  | 21.3                            | 12.7                                   | 17.0                            |
| Figure 5-20 - COVID-19                                                     |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                                       | 9.5                      | 9.3                    | 9.7                   | 7.8                             | 20.3                                   | 9.3                             |
| 2022                                                                       | 47.5                     | 41.7                   | 62.7                  | 52.7                            | 116.7                                  | 30.1                            |
| 2021                                                                       | 136.9                    | 103.5                  | 220.5                 | 168.5                           | 394.4                                  | 120.1                           |
| 2020                                                                       | 92.1                     | 55.4                   | 185.8                 | 101.6                           | 492.3                                  | 72.6                            |
| 2019                                                                       | -                        | -                      | -                     | -                               | -                                      | -                               |
| 2018                                                                       | -                        | -                      | -                     | -                               | -                                      | -                               |
| 2017                                                                       | -                        | -                      | -                     | -                               | -                                      | -                               |
| 2016                                                                       | -                        | -                      | -                     | -                               | -                                      | -                               |
| 2015                                                                       | -                        | -                      | -                     | -                               | -                                      | -                               |
| 2014                                                                       | -                        | -                      | -                     | -                               | -                                      | -                               |
| 2013                                                                       | -                        | -                      | -                     | -                               | -                                      | -                               |
| Figure 5-21 - Total mortality from all causes                              |                          |                        |                       |                                 |                                        |                                 |
| 2023                                                                       | 720.5                    | 706.9                  | 663.9                 | 956.4                           | 1210.0                                 | 428.8                           |
| 2022                                                                       | 784.3                    | 766.9                  | 733.9                 | 1010.8                          | 1378.6                                 | 474.3                           |
| 2021                                                                       | 882.6                    | 835.4                  | 892.8                 | 1113.6                          | 1704.7                                 | 597.0                           |
| 2020                                                                       | 842.2                    | 794.6                  | 871.7                 | 1057.7                          | 1757.8                                 | 507.4                           |
| 2019                                                                       | 676.6                    | 674.5                  | 602.8                 | 841.5                           | 1051.0                                 | 421.6                           |
| 2018                                                                       | 688.6                    | 690.2                  | 607.1                 | 843.2                           | 1036.1                                 | 429.7                           |
| 2017                                                                       | 679.3                    | 681.4                  | 592.0                 | 800.0                           | 1001.9                                 | 419.1                           |
| 2016                                                                       | 696.6                    | 704.8                  | 607.5                 | 874.2                           | 1023.9                                 | 433.5                           |
| 2015                                                                       | 691.3                    | 704.1                  | 601.5                 | 832.8                           | 965.3                                  | 413.8                           |
| 2014                                                                       | 676.0                    | 685.7                  | 636.9                 | 739.9                           | 818.5                                  | 371.8                           |
| 2013                                                                       | 687.8                    | 693.7                  | 615.6                 | 918.5                           | 887.0                                  | 413.4                           |

## 6. MORTALITY FROM INJURIES

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

| Indicator                                   | ALL ARIZONA<br>RESIDENTS | White non-<br>Hispanic | Hispanic or<br>Latino | Black or<br>African<br>American | American<br>Indian or<br>Alaska Native | Asian or<br>Pacific<br>Islander |
|---------------------------------------------|--------------------------|------------------------|-----------------------|---------------------------------|----------------------------------------|---------------------------------|
| Figure 6-1 - Unintentional injuries         |                          |                        |                       |                                 |                                        |                                 |
| 2023                                        | 74.6                     | 71.1                   | 63.7                  | 98.7                            | 203.3                                  | 27.8                            |
| 2022                                        | 74.8                     | 71.8                   | 63.3                  | 91.2                            | 206.5                                  | 31.1                            |
| 2021                                        | 77.8                     | 74.8                   | 66.6                  | 101.3                           | 206.9                                  | 30.5                            |
| 2020                                        | 71.5                     | 69.2                   | 60.3                  | 82.2                            | 180.1                                  | 20.2                            |
| 2019                                        | 59.2                     | 60.5                   | 48.3                  | 60.4                            | 129.4                                  | 22.9                            |
| 2018                                        | 55.9                     | 56.3                   | 44.5                  | 57.6                            | 144.5                                  | 24.9                            |
| 2017                                        | 55.3                     | 54.5                   | 45.9                  | 60.3                            | 142.0                                  | 24.3                            |
| 2016                                        | 53.7                     | 55.2                   | 41.6                  | 52.2                            | 139.1                                  | 25.9                            |
| 2015                                        | 48.1                     | 49.3                   | 36.7                  | 50.5                            | 139.0                                  | 21.7                            |
| 2014                                        | 43.3                     | 43.7                   | 35.9                  | 37.6                            | 85.4                                   | 18.3                            |
| 2013                                        | 46.3                     | 47.9                   | 38.5                  | 43.3                            | 104.5                                  | 13.4                            |
| Figure 6-2 - Motor vehicle-related injuries |                          |                        |                       |                                 |                                        |                                 |
| 2023                                        | 16.7                     | 14.8                   | 14.6                  | 20.5                            | 64.3                                   | 8.7                             |
| 2022                                        | 17.5                     | 15.4                   | 16.7                  | 21.3                            | 59.7                                   | 8.8                             |
| 2021                                        | 18.4                     | 16.1                   | 16.7                  | 23.3                            | 65.5                                   | 6.6                             |
| 2020                                        | 14.0                     | 12.0                   | 13.7                  | 12.2                            | 44.7                                   | 6.8                             |
| 2019                                        | 13.1                     | 12.4                   | 12.5                  | 12.0                            | 36.7                                   | 6.1                             |
| 2018                                        | 14.1                     | 12.3                   | 12.1                  | 13.9                            | 60.7                                   | 6.2                             |
| 2017                                        | 13.8                     | 12.0                   | 12.7                  | 17.1                            | 54.0                                   | 7.5                             |
| 2016                                        | 13.9                     | 11.5                   | 13.3                  | 19.1                            | 52.2                                   | 7.2                             |
| 2015                                        | 12.6                     | 10.7                   | 9.9                   | 14.1                            | 54.3                                   | 8.2                             |
| 2014                                        | 10.3                     | 8.3                    | 10.3                  | 7.9                             | 35.6                                   | 2.5                             |
| 2013                                        | 11.4                     | 10.2                   | 11.4                  | 12.0                            | 31.7                                   | 5.8                             |
| Figure 6-3 - Fall-related injuries          |                          |                        |                       |                                 |                                        |                                 |
| 2023                                        | 13.0                     | 13.3                   | 10.9                  | 5.8                             | 20.5                                   | 7.6                             |
| 2022                                        | 12.0                     | 12.4                   | 9.2                   | 4.5                             | 17.2                                   | 9.1                             |
| 2021                                        | 12.0                     | 12.3                   | 9.9                   | 6.2                             | 18.7                                   | 10.8                            |
| 2020                                        | 12.2                     | 12.7                   | 9.6                   | 6.5                             | 20.5                                   | 5.0                             |
| 2019                                        | 12.2                     | 12.8                   | 9.3                   | 7.1                             | 15.8                                   | 6.2                             |
| 2018                                        | 12.4                     | 12.6                   | 10.3                  | 7.9                             | 17.2                                   | 10.6                            |
| 2017                                        | 12.4                     | 12.9                   | 10.1                  | 6.4                             | 17.1                                   | 7.8                             |
| 2016                                        | 13.4                     | 14.0                   | 11.0                  | 6.0                             | 17.5                                   | 7.5                             |
| 2015                                        | 12.8                     | 13.0                   | 12.1                  | 12.5                            | 15.6                                   | 9.5                             |
| 2014                                        | 11.7                     | 11.9                   | 10.2                  | 8.4                             | 7.7                                    | 12.0                            |
| 2013                                        | 12.1                     | 12.4                   | 12.0                  | 8.8                             | 10.3                                   | 5.7                             |
| Figure 6-4 - Drowning mortality             |                          |                        |                       |                                 |                                        |                                 |
| 2023                                        | 1.5                      | 1.7                    | 1.1                   | 2.2                             | 2.0                                    | 1.4                             |
| 2022                                        | 1.7                      | 1.8                    | 1.0                   | 2.6                             | 3.7                                    | 1.3                             |
| 2021                                        | 1.6                      | 1.6                    | 1.1                   | 3.9                             | 2.6                                    | 1.9                             |
| 2020                                        | 1.3                      | 1.6                    | 0.9                   | 1.4                             | 1.7                                    | 1.0                             |
| 2019                                        | 1.3                      | 1.2                    | 0.9                   | 0.8                             | 3.7                                    | 0.7                             |
| 2018                                        | 1.3                      | 1.5                    | 0.7                   | 2.5                             | 2.7                                    | 1.6                             |
| 2017                                        | 1.5                      | 1.2                    | 1.2                   | 3.2                             | 3.4                                    | 2.4                             |
| 2016                                        | 1.5                      | 1.7                    | 0.9                   | 2.6                             | 2.5                                    | 2.3                             |
| 2015                                        | 1.2                      | 1.3                    | 0.8                   | 1.2                             | 1.4                                    | 0.8                             |
| 2014                                        | 1.2                      | 1.2                    | 0.8                   | 1.7                             | 2.5                                    | 0.5                             |
| 2013                                        | 1.1                      | 1.1                    | 1.0                   | 0.7                             | 1.3                                    | 1.5                             |
| Figure 6-5 - Injury by firearms             |                          |                        |                       |                                 |                                        |                                 |
| 2023                                        | 18.3                     | 18.0                   | 13.1                  | 31.4                            | 30.9                                   | 4.4                             |
| 2022                                        | 20.1                     | 19.5                   | 15.8                  | 31.0                            | 36.1                                   | 5.6                             |
| 2021                                        | 18.3                     | 18.2                   | 13.8                  | 33.2                            | 26.6                                   | 5.3                             |
| 2020                                        | 17.2                     | 17.6                   | 10.8                  | 32.4                            | 28.3                                   | 5.6                             |
| 2019                                        | 15.3                     | 17.2                   | 10.2                  | 18.7                            | 14.9                                   | 4.0                             |
| 2018                                        | 15.5                     | 16.6                   | 9.9                   | 24.8                            | 18.2                                   | 3.7                             |
| 2017                                        | 15.8                     | 17.0                   | 9.9                   | 22.8                            | 17.1                                   | 4.4                             |
| 2016                                        | 15.3                     | 16.9                   | 10.2                  | 22.8                            | 12.0                                   | 5.6                             |
| 2015                                        | 13.7                     | 16.5                   | 7.2                   | 15.7                            | 11.4                                   | 3.0                             |
| 2014                                        | 12.6                     | 14.6                   | 8.3                   | 13.9                            | 6.7                                    | 2.2                             |
| 2013                                        | 14.1                     | 15.8                   | 8.6                   | 17.0                            | 13.0                                   | 5.1                             |

## 6. MORTALITY FROM INJURIES (continued)

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

| Indicator                                    | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|----------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 6-6 - Drug-induced deaths             |                       |                    |                    |                           |                                  |                           |
| 2023                                         | 36.8                  | 36.2               | 31.1               | 58.7                      | 78.7                             | 8.4                       |
| 2022                                         | 38.6                  | 39.1               | 32.5               | 55.3                      | 83.7                             | 10.8                      |
| 2021                                         | 40.6                  | 42.1               | 34.0               | 59.6                      | 72.7                             | 9.3                       |
| 2020                                         | 38.4                  | 40.4               | 31.6               | 51.9                      | 64.3                             | 5.9                       |
| 2019                                         | 28.4                  | 32.0               | 21.4               | 38.6                      | 34.3                             | 6.1                       |
| 2018                                         | 25.4                  | 29.3               | 18.4               | 30.9                      | 31.2                             | 4.6                       |
| 2017                                         | 23.3                  | 26.4               | 16.5               | 27.5                      | 25.2                             | 4.7                       |
| 2016                                         | 21.5                  | 27.9               | 12.2               | 21.7                      | 17.8                             | 4.6                       |
| 2015                                         | 19.8                  | 25.4               | 11.7               | 20.0                      | 15.8                             | 1.6                       |
| 2014                                         | 18.4                  | 23.3               | 10.8               | 16.2                      | 13.4                             | 3.3                       |
| 2013                                         | 16.9                  | 21.2               | 9.9                | 13.5                      | 18.7                             | 0.4                       |
| Figure 6-7 - Alcohol-induced deaths          |                       |                    |                    |                           |                                  |                           |
| 2023                                         | 17.9                  | 16.6               | 11.2               | 8.9                       | 115.6                            | 4.5                       |
| 2022                                         | 20.0                  | 16.4               | 15.5               | 7.8                       | 142.5                            | 4.1                       |
| 2021                                         | 24.3                  | 21.0               | 14.6               | 13.0                      | 181.0                            | 3.0                       |
| 2020                                         | 20.4                  | 17.9               | 12.8               | 8.2                       | 149.2                            | 1.9                       |
| 2019                                         | 16.2                  | 14.9               | 11.3               | 7.5                       | 96.5                             | 1.6                       |
| 2018                                         | 15.2                  | 12.9               | 10.7               | 8.1                       | 105.5                            | 3.0                       |
| 2017                                         | 16.1                  | 13.7               | 12.3               | 6.6                       | 104.1                            | 4.0                       |
| 2016                                         | 17.6                  | 14.7               | 13.8               | 9.7                       | 123.0                            | 2.5                       |
| 2015                                         | 17.5                  | 15.5               | 13.3               | 8.1                       | 111.5                            | 1.1                       |
| 2014                                         | 14.8                  | 12.7               | 13.8               | 9.2                       | 68.0                             | 1.6                       |
| 2013                                         | 15.7                  | 13.7               | 12.5               | 7.1                       | 84.7                             | 2.0                       |
| Figure 6-8 - Intentional self-harm (suicide) |                       |                    |                    |                           |                                  |                           |
| 2023                                         | 18.9                  | 21.9               | 10.9               | 18.0                      | 32.1                             | 6.0                       |
| 2022                                         | 20.5                  | 24.3               | 12.2               | 14.3                      | 35.1                             | 9.4                       |
| 2021                                         | 19.4                  | 23.3               | 10.0               | 13.3                      | 39.7                             | 9.8                       |
| 2020                                         | 18.2                  | 22.5               | 9.2                | 13.7                      | 28.0                             | 6.8                       |
| 2019                                         | 18.9                  | 23.1               | 9.9                | 12.5                      | 26.8                             | 7.3                       |
| 2018                                         | 19.5                  | 23.7               | 8.7                | 16.0                      | 36.5                             | 7.3                       |
| 2017                                         | 18.0                  | 22.1               | 8.5                | 10.5                      | 26.2                             | 9.3                       |
| 2016                                         | 17.7                  | 21.7               | 8.8                | 9.0                       | 24.2                             | 9.3                       |
| 2015                                         | 17.8                  | 23.6               | 6.7                | 6.6                       | 19.0                             | 7.0                       |
| 2014                                         | 16.5                  | 21.0               | 8.3                | 9.0                       | 13.9                             | 7.0                       |
| 2013                                         | 17.0                  | 20.8               | 8.4                | 6.7                       | 21.9                             | 7.0                       |
| Figure 6-9 - Assault (homicide)              |                       |                    |                    |                           |                                  |                           |
| 2023                                         | 7.4                   | 4.1                | 7.8                | 21.9                      | 26.1                             | 1.6                       |
| 2022                                         | 9.0                   | 4.7                | 9.4                | 27.4                      | 34.5                             | 2.6                       |
| 2021                                         | 8.1                   | 4.0                | 9.1                | 29.5                      | 23.7                             | 3.8                       |
| 2020                                         | 7.7                   | 4.3                | 6.9                | 27.3                      | 28.4                             | 2.3                       |
| 2019                                         | 5.9                   | 3.7                | 5.8                | 15.2                      | 20.3                             | 2.3                       |
| 2018                                         | 6.1                   | 3.6                | 6.6                | 19.3                      | 17.9                             | 2.6                       |
| 2017                                         | 6.4                   | 4.1                | 6.8                | 17.9                      | 17.9                             | 0.7                       |
| 2016                                         | 6.3                   | 3.7                | 6.8                | 20.4                      | 17.6                             | 4.0                       |
| 2015                                         | 5.6                   | 4.0                | 5.3                | 15.5                      | 15.7                             | 2.4                       |
| 2014                                         | 4.6                   | 3.0                | 6.0                | 11.1                      | 7.3                              | 0.4                       |
| 2013                                         | 5.9                   | 4.0                | 5.8                | 15.4                      | 17.7                             | 1.9                       |

## 7. AGE-SPECIFIC MORTALITY

(Number of deaths per 100,000 persons in specified group)

| Indicator                                                          | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------------------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 7-1 - Mortality among children 1-14 years old               |                       |                    |                    |                           |                                  |                           |
| 2023                                                               | 20.4                  | 18.0               | 17.7               | 43.8                      | 30.0                             | 20.5                      |
| 2022                                                               | 17.9                  | 17.5               | 13.1               | 34.9                      | 46.3                             | 14.6                      |
| 2021                                                               | 19.8                  | 16.0               | 15.6               | 47.8                      | 50.2                             | 21.2                      |
| 2020                                                               | 19.1                  | 20.4               | 14.9               | 27.9                      | 35.1                             | 15.9                      |
| 2019                                                               | 17.5                  | 16.6               | 14.7               | 30.7                      | 36.8                             | 11.1                      |
| 2018                                                               | 19.1                  | 20.5               | 14.7               | 25.0                      | 40.7                             | 13.8                      |
| 2017                                                               | 18.2                  | 18.5               | 14.6               | 24.2                      | 39.2                             | 9.4                       |
| 2016                                                               | 18.3                  | 14.6               | 16.3               | 28.6                      | 49.0                             | 23.7                      |
| 2015                                                               | 15.4                  | 13.9               | 11.9               | 25.2                      | 50.3                             | 9.6                       |
| 2014                                                               | 17.9                  | 16.2               | 17.2               | 21.7                      | 28.8                             | 10.1                      |
| 2013                                                               | 19.8                  | 17.1               | 17.7               | 30.9                      | 49.2                             | 11.5                      |
| Figure 7-2 - Mortality among adolescents 15-19 years old           |                       |                    |                    |                           |                                  |                           |
| 2023                                                               | 68.7                  | 54.5               | 65.9               | 127.2                     | 163.8                            | 37.7                      |
| 2022                                                               | 74.4                  | 64.2               | 74.1               | 90.8                      | 178.7                            | 32.8                      |
| 2021                                                               | 83.7                  | 76.4               | 71.5               | 167.1                     | 181.1                            | 22.3                      |
| 2020                                                               | 82.3                  | 60.6               | 84.9               | 162.9                     | 190.5                            | 22.6                      |
| 2019                                                               | 63.2                  | 54.5               | 62.0               | 105.2                     | 132.9                            | 17.1                      |
| 2018                                                               | 62.6                  | 61.9               | 55.0               | 77.1                      | 138.9                            | 24.0                      |
| 2017                                                               | 53.7                  | 48.1               | 45.9               | 70.7                      | 174.4                            | 12.6                      |
| 2016                                                               | 53.5                  | 47.5               | 45.4               | 103.1                     | 117.6                            | 52.1                      |
| 2015                                                               | 47.5                  | 48.1               | 40.8               | 58.9                      | 97.1                             | 27.1                      |
| 2014                                                               | 46.5                  | 48.7               | 43.6               | 39.7                      | 72.2                             | 11.9                      |
| 2013                                                               | 45.5                  | 42.5               | 39.1               | 64.1                      | 103.1                            | 32.4                      |
| Figure 7-3 - Mortality among young adults 20-44 years old          |                       |                    |                    |                           |                                  |                           |
| 2023                                                               | 201.1                 | 186.9              | 157.6              | 289.7                     | 715.6                            | 63.7                      |
| 2022                                                               | 221.9                 | 201.7              | 171.8              | 309.2                     | 847.2                            | 82.0                      |
| 2021                                                               | 262.6                 | 229.2              | 217.6              | 350.0                     | 1012.5                           | 99.2                      |
| 2020                                                               | 227.3                 | 203.8              | 185.8              | 302.5                     | 857.2                            | 67.8                      |
| 2019                                                               | 168.2                 | 167.1              | 129.1              | 221.2                     | 514.8                            | 65.1                      |
| 2018                                                               | 160.9                 | 162.3              | 116.9              | 210.0                     | 523.8                            | 49.2                      |
| 2017                                                               | 155.9                 | 156.8              | 118.1              | 187.5                     | 463.9                            | 50.6                      |
| 2016                                                               | 153.3                 | 157.8              | 111.0              | 186.2                     | 474.5                            | 61.7                      |
| 2015                                                               | 146.6                 | 154.7              | 102.8              | 191.7                     | 423.9                            | 52.3                      |
| 2014                                                               | 138.6                 | 146.2              | 107.2              | 138.3                     | 300.1                            | 49.1                      |
| 2013                                                               | 143.5                 | 143.2              | 112.6              | 174.2                     | 390.8                            | 51.3                      |
| Figure 7-4 - Mortality among middle-age adults 45-64 years old     |                       |                    |                    |                           |                                  |                           |
| 2023                                                               | 645.9                 | 656.9              | 499.7              | 885.9                     | 1400.6                           | 301.4                     |
| 2022                                                               | 747.3                 | 757.6              | 592.5              | 1026.2                    | 1629.2                           | 340.3                     |
| 2021                                                               | 932.1                 | 884.2              | 847.6              | 1215.4                    | 2322.8                           | 479.0                     |
| 2020                                                               | 819.2                 | 769.3              | 720.8              | 1098.0                    | 2185.5                           | 360.6                     |
| 2019                                                               | 629.7                 | 653.0              | 460.1              | 819.6                     | 1213.0                           | 297.8                     |
| 2018                                                               | 639.4                 | 662.0              | 471.7              | 816.1                     | 1221.0                           | 301.7                     |
| 2017                                                               | 626.8                 | 648.2              | 456.9              | 860.6                     | 1076.6                           | 284.6                     |
| 2016                                                               | 657.8                 | 701.8              | 464.4              | 854.1                     | 1189.8                           | 306.0                     |
| 2015                                                               | 641.0                 | 684.0              | 468.5              | 794.1                     | 1108.3                           | 236.4                     |
| 2014                                                               | 617.7                 | 656.4              | 479.5              | 721.1                     | 860.3                            | 208.9                     |
| 2013                                                               | 620.7                 | 661.0              | 461.2              | 788.7                     | 943.5                            | 199.0                     |
| Figure 7-5 - Mortality among elderly adults 65 years old and older |                       |                    |                    |                           |                                  |                           |
| 2023                                                               | 3699.1                | 3747.2             | 3316.4             | 4336.0                    | 4215.3                           | 2259.7                    |
| 2022                                                               | 3958.9                | 4000.0             | 3633.0             | 4438.9                    | 4632.7                           | 2469.9                    |
| 2021                                                               | 4304.7                | 4261.4             | 4308.3             | 4740.2                    | 5588.7                           | 3095.8                    |
| 2020                                                               | 4286.1                | 4207.7             | 4385.8             | 4677.2                    | 6541.7                           | 2663.5                    |
| 2019                                                               | 3511.9                | 3572.8             | 3088.5             | 3811.8                    | 3995.6                           | 2174.6                    |
| 2018                                                               | 3588.4                | 3660.9             | 3112.0             | 3802.9                    | 3800.7                           | 2244.9                    |
| 2017                                                               | 3579.6                | 3664.9             | 3048.2             | 3543.5                    | 3933.6                           | 2163.0                    |
| 2016                                                               | 3669.5                | 3768.6             | 3154.9             | 4033.9                    | 3920.9                           | 2135.9                    |
| 2015                                                               | 3671.5                | 3780.5             | 3110.7             | 3891.5                    | 3804.3                           | 2165.2                    |
| 2014                                                               | 3610.4                | 3696.9             | 3330.3             | 3517.5                    | 3462.4                           | 1916.4                    |
| 2013                                                               | 3667.5                | 3765.3             | 3132.4             | 4306.1                    | 3516.0                           | 2146.7                    |

## 8. PREMATURE MORTALITY

| Indicator                                                                  | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|----------------------------------------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 8-1 - Median age at death from all causes                           |                       |                    |                    |                           |                                  |                           |
| 2023                                                                       | 76.0                  | 78.0               | 70.0               | 67.0                      | 60.0                             | 75.0                      |
| 2022                                                                       | 76.0                  | 78.0               | 69.0               | 66.0                      | 59.0                             | 75.0                      |
| 2021                                                                       | 74.0                  | 77.0               | 67.0               | 65.0                      | 59.0                             | 74.0                      |
| 2020                                                                       | 76.0                  | 78.0               | 69.0               | 65.0                      | 62.0                             | 76.0                      |
| 2019                                                                       | 76.0                  | 78.0               | 70.0               | 66.0                      | 62.0                             | 74.0                      |
| 2018                                                                       | 76.0                  | 78.0               | 70.0               | 67.0                      | 60.0                             | 75.0                      |
| 2017                                                                       | 76.0                  | 78.0               | 69.0               | 65.0                      | 61.0                             | 75.0                      |
| 2016                                                                       | 76.0                  | 78.0               | 69.0               | 66.0                      | 60.0                             | 74.0                      |
| 2015                                                                       | 76.0                  | 78.0               | 69.0               | 66.0                      | 60.0                             | 75.0                      |
| 2014                                                                       | 76.0                  | 78.0               | 69.0               | 65.0                      | 61.0                             | 74.0                      |
| 2013                                                                       | 77.0                  | 79.0               | 69.0               | 66.0                      | 60.0                             | 76.0                      |
| Figure 8-2 - Median age at death from all causes among males               |                       |                    |                    |                           |                                  |                           |
| 2023                                                                       | 74.0                  | 76.0               | 65.0               | 64.0                      | 56.0                             | 71.0                      |
| 2022                                                                       | 73.0                  | 76.0               | 65.0               | 63.0                      | 55.0                             | 71.0                      |
| 2021                                                                       | 72.0                  | 75.0               | 64.0               | 62.0                      | 56.0                             | 71.0                      |
| 2020                                                                       | 73.0                  | 76.0               | 66.0               | 63.0                      | 59.0                             | 72.0                      |
| 2019                                                                       | 74.0                  | 76.0               | 65.0               | 65.0                      | 58.0                             | 71.0                      |
| 2018                                                                       | 73.0                  | 76.0               | 65.0               | 63.0                      | 56.0                             | 72.0                      |
| 2017                                                                       | 73.0                  | 76.0               | 65.0               | 62.0                      | 57.0                             | 72.0                      |
| 2016                                                                       | 73.0                  | 75.0               | 65.0               | 63.0                      | 56.0                             | 69.5                      |
| 2015                                                                       | 73.0                  | 75.0               | 66.0               | 64.0                      | 56.0                             | 71.0                      |
| 2014                                                                       | 73.0                  | 75.0               | 65.0               | 63.0                      | 57.0                             | 71.0                      |
| 2013                                                                       | 74.0                  | 76.0               | 64.0               | 63.0                      | 55.0                             | 73.0                      |
| Figure 8-3 - Median age at death from all causes among females             |                       |                    |                    |                           |                                  |                           |
| 2023                                                                       | 79.0                  | 80.0               | 75.0               | 70.0                      | 67.0                             | 78.0                      |
| 2022                                                                       | 79.0                  | 80.0               | 74.0               | 70.0                      | 66.0                             | 78.0                      |
| 2021                                                                       | 77.0                  | 79.0               | 72.0               | 68.0                      | 63.0                             | 77.0                      |
| 2020                                                                       | 79.0                  | 80.0               | 74.0               | 69.0                      | 66.0                             | 79.0                      |
| 2019                                                                       | 79.0                  | 81.0               | 75.0               | 68.0                      | 67.0                             | 77.0                      |
| 2018                                                                       | 80.0                  | 81.0               | 76.0               | 70.0                      | 66.0                             | 78.0                      |
| 2017                                                                       | 79.0                  | 81.0               | 75.0               | 69.0                      | 67.0                             | 77.0                      |
| 2016                                                                       | 79.0                  | 81.0               | 75.0               | 71.0                      | 66.0                             | 78.0                      |
| 2015                                                                       | 79.0                  | 81.0               | 74.0               | 69.0                      | 66.0                             | 77.0                      |
| 2014                                                                       | 80.0                  | 81.0               | 74.0               | 67.0                      | 66.0                             | 79.0                      |
| 2013                                                                       | 81.0                  | 82.0               | 75.0               | 73.0                      | 67.0                             | 78.0                      |
| Figure 8-4 - Percent of total deaths before expected years of life reached |                       |                    |                    |                           |                                  |                           |
| 2023                                                                       | 54.9                  | 49.6               | 67.3               | 75.2                      | 79.2                             | 56.9                      |
| 2022                                                                       | 53.6                  | 48.1               | 66.0               | 74.3                      | 77.8                             | 54.6                      |
| 2021                                                                       | 52.7                  | 45.9               | 67.2               | 74.0                      | 79.1                             | 52.8                      |
| 2020                                                                       | 52.2                  | 46.1               | 65.0               | 72.9                      | 75.6                             | 51.0                      |
| 2019                                                                       | 55.6                  | 50.8               | 67.3               | 75.3                      | 77.8                             | 60.2                      |
| 2018                                                                       | 55.1                  | 50.8               | 65.6               | 73.3                      | 78.8                             | 57.7                      |
| 2017                                                                       | 55.1                  | 50.6               | 67.0               | 75.1                      | 77.9                             | 58.7                      |
| 2016                                                                       | 55.3                  | 51.4               | 66.7               | 73.5                      | 77.1                             | 58.5                      |
| 2015                                                                       | 54.9                  | 50.9               | 67.4               | 74.1                      | 77.4                             | 59.9                      |
| 2014                                                                       | 54.8                  | 50.9               | 66.7               | 75.2                      | 77.8                             | 58.9                      |
| 2013                                                                       | 54.6                  | 50.1               | 67.1               | 72.8                      | 76.7                             | 58.9                      |

## 9. REPORTABLE DISEASES

(Number of cases per 100,000 persons in specified group)

| Indicator                                | ALL ARIZONA RESIDENTS | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|------------------------------------------|-----------------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Figure 9-1 - Incidence of early syphilis |                       |                    |                    |                           |                                  |                           |
| 2023                                     | 48.1                  | 22.4               | 61.9               | 103.9                     | 173.1                            | 17.6                      |
| 2022                                     | 50.4                  | 22.5               | 62.5               | 122.8                     | 212.1                            | 16.5                      |
| 2021                                     | 47.4                  | 23.5               | 57.6               | 123.1                     | 171.6                            | 17.8                      |
| 2020                                     | 37.3                  | 20.7               | 44.2               | 87.7                      | 116.9                            | 12.4                      |
| 2019                                     | 34.6                  | 19.0               | 43.5               | 78.4                      | 100.0                            | 14.1                      |
| 2018                                     | 27.6                  | 17.4               | 32.7               | 58.5                      | 78.3                             | 12.6                      |
| 2017                                     | 22.6                  | 12.7               | 27.2               | 43.8                      | 48.0                             | 7.2                       |
| 2016                                     | 17.7                  | 11.7               | 22.3               | 43.5                      | 40.1                             | 5.9                       |
| 2015                                     | 13.9                  | 10.0               | 16.7               | 36.6                      | 14.6                             | 6.5                       |
| 2014                                     | 13.1                  | 9.1                | 16.1               | 29.3                      | 16.9                             | 5.6                       |
| 2013                                     | 7.5                   | 5.3                | 9.3                | 19.9                      | 9.6                              | 2.7                       |
| Figure 9-2 - Incidence of gonorrhea      |                       |                    |                    |                           |                                  |                           |
| 2023                                     | 188.4                 | 71.6               | 185.1              | 562.0                     | 340.1                            | 52.3                      |
| 2022                                     | 222.8                 | 79.1               | 205.1              | 639.2                     | 384.5                            | 56.5                      |
| 2021                                     | 253.2                 | 94.7               | 220.0              | 771.0                     | 412.4                            | 48.6                      |
| 2020                                     | 225.5                 | 81.4               | 193.6              | 758.5                     | 399.8                            | 41.2                      |
| 2019                                     | 212.1                 | 84.4               | 186.8              | 692.7                     | 359.7                            | 49.4                      |
| 2018                                     | 182.3                 | 81.8               | 153.0              | 632.6                     | 387.4                            | 46.9                      |
| 2017                                     | 180.5                 | 66.4               | 161.3              | 508.4                     | 287.7                            | 34.0                      |
| 2016                                     | 151.3                 | 62.8               | 139.7              | 514.3                     | 229.0                            | 33.5                      |
| 2015                                     | 121.1                 | 50.9               | 115.8              | 417.7                     | 183.1                            | 23.7                      |
| 2014                                     | 112.7                 | 40.6               | 103.8              | 336.2                     | 206.5                            | 24.8                      |
| 2013                                     | 98.2                  | 37.4               | 92.7               | 351.0                     | 224.6                            | 23.2                      |
| Figure 9-3 - Incidence of chlamydia      |                       |                    |                    |                           |                                  |                           |
| 2023                                     | 542.4                 | 158.9              | 486.9              | 952.8                     | 786.8                            | 136.2                     |
| 2022                                     | 550.9                 | 161.4              | 494.6              | 968.5                     | 795.8                            | 138.3                     |
| 2021                                     | 569.9                 | 165.0              | 490.4              | 1004.0                    | 791.8                            | 144.1                     |
| 2020                                     | 515.3                 | 152.3              | 432.0              | 986.9                     | 723.3                            | 118.0                     |
| 2019                                     | 601.2                 | 195.9              | 548.7              | 1160.1                    | 786.6                            | 181.6                     |
| 2018                                     | 577.5                 | 217.8              | 530.7              | 1156.5                    | 1031.9                           | 175.3                     |
| 2017                                     | 571.8                 | 171.2              | 547.1              | 927.4                     | 801.6                            | 141.7                     |
| 2016                                     | 511.5                 | 162.0              | 482.2              | 884.5                     | 846.5                            | 133.8                     |
| 2015                                     | 476.1                 | 147.9              | 471.8              | 799.4                     | 845.9                            | 132.9                     |
| 2014                                     | 471.7                 | 135.2              | 451.4              | 766.3                     | 986.6                            | 114.7                     |
| 2013                                     | 466.6                 | 149.3              | 518.0              | 848.9                     | 1158.2                           | 129.3                     |
| Figure 9-4 - Incidence of HIV/AIDS       |                       |                    |                    |                           |                                  |                           |
| 2023                                     | 12.9                  | 6.8                | 17.3               | 42.9                      | 18.1                             | 7.6                       |
| 2022                                     | 11.9                  | 6.4                | 16.5               | 40.0                      | 15.0                             | 9.4                       |
| 2021                                     | 10.9                  | 6.1                | 15.5               | 33.0                      | 14.1                             | 4.1                       |
| 2020                                     | 9.3                   | 5.9                | 11.8               | 27.1                      | 12.4                             | 6.4                       |
| 2019                                     | 10.4                  | 6.1                | 14.0               | 35.2                      | 13.0                             | 5.4                       |
| 2018                                     | 10.8                  | 6.2                | 14.4               | 36.5                      | 13.7                             | 7.6                       |
| 2017                                     | 10.4                  | 6.2                | 13.6               | 34.0                      | 15.2                             | 8.8                       |
| 2016                                     | 10.7                  | 6.3                | 13.3               | 42.6                      | 17.9                             | 6.2                       |
| 2015                                     | 10.5                  | 6.3                | 12.3               | 40.9                      | 17.8                             | 9.8                       |
| 2014                                     | 11.2                  | 6.9                | 14.6               | 36.7                      | 14.5                             | 6.7                       |
| 2013                                     | 10.5                  | 7.1                | 12.3               | 42.3                      | 14.9                             | 4.5                       |