

## Warren (Bristol)

Warren is a town in Bristol County with 2,162 residents age 65 or older. They are more likely to take the health promotion steps of getting the recommended hours of sleep and doing physical activity within the last month. Community resources to support healthy aging include 61 primary care providers and 6 nursing homes within 5 miles; 17 home health agencies, an Alzheimer's disease support group, a Memory Cafe, an adult day health center, 8 hospice agencies, a senior center, and a public library.



| <b>POPULATION CHARACTERISTICS</b>                        | <b>Significantly different than STATE RATE</b> | <b>COMMUNITY ESTIMATE</b> | <b>STATE ESTIMATE</b> |
|--|--|---------------------------|-----------------------|
| Total population all ages                                |  | 10,488                    | 1,056,611             |
| Median age of females                                    |  | 50.1                      | 41.6                  |
| Median age of males                                      |  | 44.1                      | 38.1                  |
| Population 60 years or older as % of total population    |  | 27.2%                     | 23.0%                 |
| Total population 60 years or older                       |  | 2,853                     | 243,523               |
| Population 65 years or older as % of total population    |  | 20.6%                     | 16.5%                 |
| Total population 65 years or older                       |  | 2,162                     | 174,210               |
| % 65-74 years  |  | 60.4%                     | 55.6%                 |
| % 75-84 years  |  | 26.1%                     | 28.9%                 |
| % 85 years or older                                      |  | 13.5%                     | 15.5%                 |
| % 65+ population who are female                          |  | 59.6%                     | 57.2%                 |
| % 85+ population who are female                          |  | 79.8%                     | 69.7%                 |
| Race and ethnicity of the population 65+                 |  |                           |                       |
| % White  |  | 98.2%                     | 92.0%                 |
| % African American                                       | *  | 0.2%                      | 3.2%                  |
| % Asian  |  | 0.0%                      | 1.6%                  |
| % Other race   |  | 1.6%                      | 3.3%                  |
| % Hispanic/Latino  | *  | 0.0%                      | 4.9%                  |
| Marital status of the population 65+                     |  |                           |                       |
| % married  |  | 50.4%                     | 51.3%                 |
| % divorced/separated                                     |  | 22.0%                     | 15.7%                 |
| % widowed  |  | 24.2%                     | 25.0%                 |
| % never married  | *  | 3.4%                      | 8.0%                  |
| Education of the population 65+                          |  |                           |                       |
| % with less than high school education                   |  | 19.4%                     | 19.1%                 |
| % with high school or some college                       |  | 52.3%                     | 52.9%                 |
| % with college degree                                    |  | 15.7%                     | 14.2%                 |
| % with graduate or professional degree                   |  | 12.5%                     | 13.9%                 |
| % of 65+ population who speak only English at home       |  | 89.0%                     | 82.9%                 |
| % of 65+ population who are veterans of military service |  | 19.8%                     | 19.0%                 |
| % of 60+ who are LGBT                                    |  | 2.1%                      | 2.8%                  |
| Age-sex adjusted 1-year mortality rate                   |  | 4.0%                      | 4.4%                  |

| <b>HEALTHY AGING INDICATORS</b>                              | <b>BETTER / WORSE<br/>STATE RATE</b> | <b>COMMUNITY<br/>ESTIMATE</b> | <b>STATE<br/>ESTIMATE</b> |
|--|--------------------------------------|-------------------------------|---------------------------|
| <b>WELLNESS</b>  |                                      |                               |                           |
| % 60+ getting the recommended hours of sleep                 | B                                    | 72.3%                         | 63.0%                     |
| % 60+ doing any physical activity within last month          | B                                    | 78.3%                         | 71.0%                     |
| % 60+ met CDC guidelines for muscle-strengthening activity   |                                      | 29.4%                         | 25.0%                     |
| % 60+ met CDC guidelines for aerobic physical activity       |                                      | 60.2%                         | 54.3%                     |
| % 60+ with fair or poor health status                        | B                                    | 12.6%                         | 19.5%                     |
| % 60+ with 15+ physically unhealthy days in last month       |                                      | 14.0%                         | 14.5%                     |
| <b>FALLS</b>   |                                      |                               |                           |
| % 60+ who fell within last year                              |                                      | 24.1%                         | 26.3%                     |
| % 60+ who were injured in a fall within last year            |                                      | 9.2%                          | 10.3%                     |
| % 65+ had hip fracture                                       |                                      | 4.0%                          | 3.4%                      |
| <b>PREVENTION</b>  |                                      |                               |                           |
| % 60+ with physical exam/check-up in last year               |                                      | 94.6%                         | 93.0%                     |
| % 60+ flu shot in last year                                  |                                      | 60.7%                         | 60.6%                     |
| % 60+ with pneumonia vaccine                                 |                                      | 69.9%                         | 67.7%                     |
| % 60+ with shingles vaccine                                  |                                      | 40.4%                         | 35.3%                     |
| % 60+ women with a mammogram within last 2 years             |                                      | 79.7%                         | 82.0%                     |
| % 60+ with colorectal cancer screening                       |                                      | 79.7%                         | 77.8%                     |
| % 60+ with HIV test  |                                      | 13.4%                         | 15.8%                     |
| % 60+ met CDC preventive health screening goals              |                                      | 40.3%                         | 39.2%                     |
| <b>NUTRITION &amp; DIET</b>                                  |                                      |                               |                           |
| % 60+ with 5 or more servings of fruit or vegetables per day |                                      | 18.1%                         | 18.1%                     |
| % 65+ with poor supermarket access                           |                                      | 98.2%                         | 23.6%                     |
| % 60+ stressed about buying food in last month               |                                      | 10.3%                         | 13.2%                     |
| % 60+ self-reported obese                                    |                                      | 21.3%                         | 26.8%                     |
| % 65+ clinically diagnosed obesity                           |                                      | 27.1%                         | 29.3%                     |
| % 65+ with high cholesterol                                  |                                      | 81.6%                         | 79.1%                     |
| % 60+ with cholesterol screening                             |                                      | 96.4%                         | 96.9%                     |
| <b>ORAL HEALTH</b>   |                                      |                               |                           |
| % 60+ with dental insurance                                  |                                      | 53.8%                         | 56.3%                     |
| % 60+ with annual dental exam                                |                                      | 81.6%                         | 75.9%                     |
| # of dentists per 100,000 persons (all ages)                 |                                      | 85.3                          | 64.7                      |
| % 60+ with loss of 6 or more teeth                           |                                      | 23.5%                         | 29.6%                     |
| <b>CHRONIC DISEASE</b>                                       |                                      |                               |                           |
| % 65+ with Alzheimer's disease or related dementias          |                                      | 14.4%                         | 13.1%                     |
| % 65+ with anemia  |                                      | 52.5%                         | 50.0%                     |
| % 65+ with asthma  |                                      | 15.1%                         | 14.9%                     |
| % 65+ with atrial fibrillation                               |                                      | 14.8%                         | 15.0%                     |
| % 65+ with autism spectrum disorder                          |                                      | N/A                           | 0.04%                     |
| % 65+ with benign prostatic hyperplasia (men)                |                                      | 42.8%                         | 42.2%                     |
| % 65+ with breast cancer (women)                             |                                      | 10.9%                         | 11.1%                     |
| % 65+ with cataract  |                                      | 69.0%                         | 67.5%                     |

| <b>HEALTHY AGING INDICATORS</b>                         | <b>BETTER / WORSE<br/>STATE RATE</b> | <b>COMMUNITY<br/>ESTIMATE</b> | <b>STATE<br/>ESTIMATE</b> |
|---|--------------------------------------|-------------------------------|---------------------------|
| % 65+ with chronic kidney disease                       |                                      | 30.7%                         | 30.7%                     |
| % 65+ with chronic obstructive pulmonary disease        |                                      | 20.5%                         | 22.9%                     |
| % 65+ with colon cancer                                 |                                      | 2.3%                          | 2.7%                      |
| % 65+ with congestive heart failure                     |                                      | 20.2%                         | 21.6%                     |
| % 65+ with diabetes                                     |                                      | 32.3%                         | 34.7%                     |
| % 65+ with endometrial cancer (women)                   |                                      | 2.3%                          | 1.9%                      |
| % 65+ with epilepsy                                     |                                      | 2.8%                          | 2.9%                      |
| % 65+ with fibromyalgia, chronic pain and fatigue       |                                      | 24.6%                         | 25.4%                     |
| % 65+ with glaucoma                                     |                                      | 24.1%                         | 27.0%                     |
| % 65+ ever had a heart attack                           |                                      | 5.3%                          | 5.8%                      |
| % 65+ with HIV/AIDS                                     |                                      | 0.10%                         | 0.12%                     |
| % 65+ with hypertension                                 |                                      | 77.8%                         | 78.0%                     |
| % 65+ with hypothyroidism                               |                                      | 21.6%                         | 22.4%                     |
| % 65+ with ischemic heart disease                       |                                      | 39.4%                         | 41.8%                     |
| % 65+ with leukemias and lymphomas                      |                                      | 3.0%                          | 2.7%                      |
| % 65+ with liver disease                                |                                      | 9.1%                          | 9.9%                      |
| % 65+ with lung cancer                                  |                                      | 2.1%                          | 2.1%                      |
| % 65+ with migraine and other chronic headache          |                                      | 5.5%                          | 6.1%                      |
| % 65+ with osteoarthritis or rheumatoid arthritis       |                                      | 55.5%                         | 56.2%                     |
| % 65+ with osteoporosis                                 |                                      | 21.3%                         | 19.6%                     |
| % 65+ with peripheral vascular disease                  |                                      | 25.4%                         | 25.6%                     |
| % 65+ with pressure ulcer or chronic ulcer              |                                      | 7.9%                          | 8.1%                      |
| % 65+ with prostate cancer (men)                        |                                      | 10.6%                         | 13.4%                     |
| % 65+ with stroke                                       |                                      | 12.6%                         | 11.9%                     |
| % 65+ with traumatic brain injury                       |                                      | 0.7%                          | 1.0%                      |
| % 65+ with 4+ (out of 15) chronic conditions            |                                      | 63.7%                         | 63.8%                     |
| % 65+ with 0 chronic conditions                         |                                      | 7.7%                          | 7.0%                      |
| <b>BEHAVIORAL HEALTH</b>                                |                                      |                               |                           |
| # opioid deaths (all ages)                              |                                      | 18                            | 1,654                     |
| % 65+ with opioid use disorder                          |                                      | 2.5%                          | 1.9%                      |
| % 65+ with substance use disorder                       |                                      | 7.9%                          | 7.0%                      |
| % 60+ who used marijuana in last month                  |                                      | N/A                           | 3.4%                      |
| % 60+ excessive drinking                                |                                      | 9.5%                          | 9.3%                      |
| % 65+ with tobacco use disorder                         |                                      | 11.1%                         | 10.8%                     |
| % 60+ current smokers                                   |                                      | 7.9%                          | 8.7%                      |
| % 60+ ever used E-Cigarettes in last month              |                                      | 7.1%                          | 5.8%                      |
| <b>MENTAL HEALTH</b>                                    |                                      |                               |                           |
| % 60+ who reported receiving adequate emotional support |                                      | 81.2%                         | 79.7%                     |
| % 60+ who reported being satisfied with life            |                                      | 97.1%                         | 95.3%                     |
| % 60+ with 15+ days poor mental health in last month    |                                      | 7.5%                          | 7.4%                      |
| % 65+ with depression                                   |                                      | 32.0%                         | 32.9%                     |
| % 65+ with anxiety disorder                             |                                      | 32.4%                         | 29.8%                     |

| <b>HEALTHY AGING INDICATORS</b>                                  | <b>BETTER / WORSE<br/>STATE RATE</b> | <b>COMMUNITY<br/>ESTIMATE</b> | <b>STATE<br/>ESTIMATE</b> |
|--|--------------------------------------|-------------------------------|---------------------------|
| % 65+ with bipolar disorder                                      |                                      | 3.8%                          | 4.1%                      |
| % 65+ with post-traumatic stress disorder                        |                                      | 1.2%                          | 1.7%                      |
| % 65+ with schizophrenia & other psychotic disorder              |                                      | 4.4%                          | 3.8%                      |
| % 65+ with personality disorder                                  |                                      | 1.8%                          | 2.8%                      |
| <b>LIVING WITH DISABILITY</b>                                    |                                      |                               |                           |
| % 65+ with self-reported hearing difficulty                      |                                      | 11.3%                         | 13.9%                     |
| % 65+ with clinical diagnosis of deafness or hearing impairment  |                                      | 14.6%                         | 16.4%                     |
| % 65+ with self-reported vision difficulty                       |                                      | 4.5%                          | 5.5%                      |
| % 65+ with clinical diagnosis of blindness or visual impairment  |                                      | 1.8%                          | 1.1%                      |
| % 65+ with self-reported cognition difficulty                    |                                      | 5.1%                          | 8.2%                      |
| % 65+ with self-reported ambulatory difficulty                   |                                      | 18.1%                         | 21.0%                     |
| % 65+ with clinical diagnosis of mobility impairment             |                                      | 3.7%                          | 3.8%                      |
| % 65+ with self-reported self-care difficulty                    |                                      | 5.9%                          | 8.0%                      |
| % 65+ with self-reported independent living difficulty           |                                      | 10.6%                         | 14.3%                     |
| <b>CAREGIVING</b>  |                                      |                               |                           |
| # of Alzheimer's disease specific support groups                 |                                      | 1                             | 16                        |
| # of Memory Cafes  |                                      | 1                             | 10                        |
| % of 60+ who provide care to a family/friend in last month       |                                      | 27.3%                         | 22.5%                     |
| % of grandparents raising grandchildren                          |                                      | 1.0%                          | 1.0%                      |
| % of grandparents who live with grandchildren                    |                                      | 2.5%                          | 3.2%                      |
| <b>ACCESS TO CARE</b>  |                                      |                               |                           |
| % 65+ dually eligible for Medicare and Medicaid                  | *                                    | 12.0%                         | 13.8%                     |
| % 65+ Medicare managed care enrollees                            | *                                    | 47.8%                         | 43.8%                     |
| % 60+ with a regular doctor                                      |                                      | 95.9%                         | 96.7%                     |
| % 60+ who did not see a doctor when needed due to cost           |                                      | 4.2%                          | 5.4%                      |
| # of primary care providers within 5 miles                       |                                      | 61                            | 1,605                     |
| # of hospitals within 5 miles                                    |                                      | 0                             | 13                        |
| # of home health agencies  |                                      | 17                            | 23                        |
| # of nursing homes within 5 miles                                |                                      | 6                             | 80                        |
| # of community health centers                                    |                                      | 0                             | 43                        |
| # of adult day health centers                                    |                                      | 1                             | 31                        |
| # of hospice agencies  |                                      | 8                             | 18                        |
| <b>SERVICE UTILIZATION</b>                                       |                                      |                               |                           |
| # physician visits per year                                      | *                                    | 7.7                           | 8.4                       |
| # emergency room visits/1000 persons 65+ years annually          | *                                    | 501.5                         | 620.6                     |
| # Part D monthly prescription fills per person annually          |                                      | 53.8                          | 52.2                      |
| # home health visits annually                                    |                                      | 3.0                           | 3.5                       |
| # durable medical equipment claims annually                      |                                      | 1.7                           | 1.7                       |
| # inpatient hospital stays/1000 persons 65+ years annually       |                                      | 255.1                         | 286.5                     |
| % Medicare inpatient hospital readmissions (as % of admissions)  |                                      | 15.8%                         | 17.4%                     |
| # skilled nursing facility stays/1000 persons 65+ years annually |                                      | 92.1                          | 98.8                      |

| <b>HEALTHY AGING INDICATORS</b>                               | <b>BETTER / WORSE<br/>STATE RATE</b> | <b>COMMUNITY<br/>ESTIMATE</b> | <b>STATE<br/>ESTIMATE</b> |
|---|--------------------------------------|-------------------------------|---------------------------|
| # skilled nursing home Medicare beds/1000 persons 65+ years   |                                      | 103.3                         | 47.1                      |
| % 65+ getting Medicaid long term services and supports        |                                      | 3.9%                          | 4.2%                      |
| % 65+ hospice users   |                                      | 3.7%                          | 3.5%                      |
| % 65+ hospice users as % of decedents                         |                                      | 49.6%                         | 53.0%                     |
| Median hospice days per hospice user (65+, deceased)          |                                      | 11.5                          | 11.0                      |
| Median hospice payment (Medicare + other) per hospice user    |                                      | \$3,351.30                    | \$3,870.97                |
| <b>COMMUNITY</b>  |                                      |                               |                           |
| Air pollution: annual # of unhealthy days for 65+ (county)    |                                      | N/A                           | N/A                       |
| Age-friendly efforts in community                             |                                      | Not yet                       | Yes                       |
| # of senior centers   |                                      | 1                             | 32                        |
| # of universities and community colleges                      |                                      | 0                             | 19                        |
| # of public libraries   |                                      | 1                             | 71                        |
| # of YMCAs  |                                      | 0                             | 15                        |
| % in county with access to broadband (all ages)               |                                      | 100.0%                        | 98.1%                     |
| % 60+ who used Internet in last month                         | *                                    | 79.3%                         | 71.6%                     |
| Voter participation rate in 2016 election (age 18+)           |                                      | 58.4%                         | 55.0%                     |
| % 60+ who believe local service orgs understand needs         |                                      | 51.9%                         | 44.1%                     |
| % 60+ who believe he/she can make a difference                |                                      | 52.2%                         | 52.2%                     |
| % 60+ who believe working together can make a difference      | *                                    | 87.4%                         | 81.0%                     |
| % 60+ who volunteer at least once per month                   |                                      | 29.3%                         | 22.9%                     |
| % 60+ who attend community events (church, club) monthly      |                                      | 45.8%                         | 44.4%                     |
| <b>SAFETY &amp; CRIME</b>                                     |                                      |                               |                           |
| Violent crime rate /100,000 persons                           |                                      | 158.0                         | 220.3                     |
| Homicide rate /100,000 persons (county)                       |                                      | N/A                           | 2                         |
| # firearm fatalities (all ages) (county)                      |                                      | N/A                           | 895                       |
| Property crime rate /100,000 persons                          |                                      | 1201.5                        | 1,678.4                   |
| # 65+ deaths by suicide (county)                              |                                      | N/A                           | 57                        |
| <b>TRANSPORTATION</b>   |                                      |                               |                           |
| % 65+ who own a motor vehicle                                 |                                      | 89.1%                         | 85.0%                     |
| % 60+ who always drive or ride wearing a seatbelt             |                                      | 91.0%                         | 91.9%                     |
| % 60+ who drove under the influence of drinking in last month |                                      | N/A                           | 2.0%                      |
| # of fatal crashes involving adult age 60+/town               |                                      | 1                             | 82                        |
| # of fatal crashes involving adult age 60+/county             |                                      | 2                             | 82                        |
| <b>HOUSING</b>  |                                      |                               |                           |
| % 65+ population who live alone                               |                                      | 35.9%                         | 31.4%                     |
| Average household size (all ages)                             |                                      | 2.0                           | 2.5                       |
| Median house value  |                                      | \$284,600.00                  | \$249,800.00              |
| % 60+ own home  | *                                    | 61.4%                         | 70.3%                     |
| % 60+ homeowners who have mortgage                            |                                      | 53.0%                         | 48.7%                     |
| % 60+ stressed about paying rent/mortgage in last month       |                                      | 17.5%                         | 22.1%                     |

| HEALTHY AGING INDICATORS                                  | BETTER / WORSE<br>STATE RATE | COMMUNITY<br>ESTIMATE | STATE<br>ESTIMATE    |
|---|------------------------------|-----------------------|----------------------|
| % 65+ households (renter) spend >35% of income on housing |                              | 44.8%                 | 39.2%                |
| % 65+ households (owner) spend >35% of income on housing  | *                            | 36.1%                 | 27.6%                |
| % 65+ moved within same county in last year               |                              | 4.0%                  | 3.6%                 |
| % 65+ moved from different county in last year            |                              | 1.2%                  | 1.0%                 |
| % 65+ moved from different state in last year             |                              | 0.9%                  | 1.1%                 |
| # of assisted living sites                                |                              | 2                     | 62                   |
| % of vacant homes in community                            | *                            | 7.6%                  | 12.1%                |
| <b>ECONOMIC</b>   |                              |                       |                      |
| % 60+ receiving food benefits in last year                |                              | 12.1%                 | 15.0%                |
| % 65+ employed in last year                               |                              | 24.2%                 | 21.9%                |
| % 65+ with income below the poverty line in last year     |                              | 6.5%                  | 9.5%                 |
| Median household income                                   |                              | \$55,210.00           | \$63,296.00          |
| % 65+ households with annual income < \$20,000            |                              | 24.2%                 | 24.3%                |
| % 65+ households with annual income \$20,000-\$49,999     |                              | 37.6%                 | 32.2%                |
| % 65+ households with annual income \$50,000-\$99,999     |                              | 21.9%                 | 24.8%                |
| % 65+ households with annual income \$100,000+            |                              | 16.3%                 | 18.7%                |
| <b>COST OF LIVING</b>                                     |                              |                       |                      |
|   | RATIO OF COUNTY<br>TO STATE  | \$ COUNTY<br>ESTIMATE | \$ STATE<br>ESTIMATE |
| <b>Elder Index</b>  |                              |                       |                      |
| Single, homeowner without mortgage, good health           | 1.08                         | \$25,356.00           | \$23,484.00          |
| Single, renter, good health                               | 1.01                         | \$25,848.00           | \$25,560.00          |
| Couple, homeowner without mortgage, good health           | 1.06                         | \$36,012.00           | \$33,984.00          |
| Couple, renter, good health                               | 1.01                         | \$36,504.00           | \$36,060.00          |

#### TECHNICAL NOTES

\*See our technical report (online at <https://healthyagingdatareports.org>) for more information on data sources, measures, and methodology. For most indicators the community and state values are estimates derived from sample data. Thus, it is possible that some of the differences between state and community estimates may be due to chance associated with population sampling. We use the terms "Better" and "Worse" to highlight differences between community and state estimates that we are confident are not due to chance. "Better" is used where a higher/lower value has positive implications for the health of older residents. "Worse" is used where a higher/lower score has negative implications for the health of older people, and when the implication is unclear, we use an \*. We balance two goals. First, we aim to report data at very local levels because we believe change is often locally driven. Second, we vowed to protect the privacy of the people providing the information reported. Thus, given the constraints of the data analyzed we used a hierarchical approach to reporting.

#### Data Sources:

- Population Characteristics: The U.S. Census Bureau (American Community Survey 2014-2018).
- Wellness, Falls, Prevention, Nutrition/Diet, Oral Health: The Behavioral Risk Factor Surveillance System (2012-2017), the USDA Food Atlas (2017), CMS (2016-2017).
- Chronic Disease: The CMS Master Beneficiary Summary File ABCD/Other (2016-2017).
- Behavioral Health, Mental Health: BRFSS (2012-2017), CMS (2016-2017), CDC Wonder website (2016-2020).
- Living with Disability: CMS (2016-2017) and ACS (2014-2018).
- Caregiving: BRFSS (2012-2017), memorycafedirectory.com (2020), and the Alzheimer's Assoc. (May 2018).
- Access to Care: BRFSS (2012-2017), CMS (2017), Medicare.gov (May 2020), and RI Health Center Association (2020), and RI Department of Health.
- Service Utilization: CMS (2017), and Medicare Nursing Home Compare (May 2020).
- Community: BRFSS (2012-2017), AARP (2020 update; <https://www.aarp.org/livable-communities/network-age-friendly-communities/info-2014/member-list.html>), New England Commission of Higher Education (2020), Office of Library and Information Services (2021), U.S. Environmental Protection Agency Air Compare (2018), RI YMCA (May 2020), the Federal Communications Commission (2018), and BRFSS (2012-2017).
- Safety & Crime: U.S. Department of Justice Federal Bureau of Investigation (2017-2018), the County Health Rankings (2016-2020).
- Transportation: BRFSS (2012-2017), ACS (2014-2018), and the National Highway Traffic Safety Administration (2014-2018).
- Housing & Economic: BRFSS (2012-2017), ACS (2014-2018).
- Cost of Living: Center for Social and Demographic Research on Aging at the University of Massachusetts Boston (2019).

*Healthy Aging Data Report Team:* Many people contributed to this research. The 2020 research team: Beth Dugan PhD, Nina Silverstein PhD, Chae Man Lee PhD, Frank Porell PhD, ShuangShuang Wang PhD, Haowei Wang PhD, Xiao Joyce Wang, Richard Chunga, Taylor Jansen, & Shu Xu from the Gerontology Institute at the University of Massachusetts Boston. The Tufts Health Plan Foundation supported the research and provided important guidance. Questions? [Beth.dugan@umb.edu](mailto:Beth.dugan@umb.edu) (Revised 1/5/2021)