

# Global RA Network Rheumatoid Arthritis Dashboard

The Rheumatoid Arthritis (RA) Dashboard helps patients and other stakeholders understand the facts about the disease and the gaps in the delivery of RA care and treatment in the United States.



## United States

### General health information



Total Population **324.4 million<sup>1</sup>**



Annual health expenditure **\$4.1 trillion<sup>3</sup>**



Life expectancy men **75.1 years<sup>2</sup>**



Obesity (% of population) **31.9%<sup>4</sup>**



Life expectancy women **80.5 years<sup>2</sup>**



Smokers (% of population) **12.9%<sup>5</sup>**

### Arthritis in the United States

Total people living with Arthritis **58.5 million<sup>6</sup>**

Women **13.8 million<sup>7</sup>**

Men **10.6 million<sup>7</sup>**

Frequency (per 1,000 persons per year) **237<sup>7</sup>**

Estimated people living with Arthritis in 2040 **78.4 million<sup>7</sup>**  
(adults aged 18+)

Arthritis cost to society (health care costs and loss to economy) **304 billion<sup>8</sup>**

### RA in the United States

Total people living with RA **1.5 million<sup>9</sup>**

Women **1.13 million<sup>10</sup>**

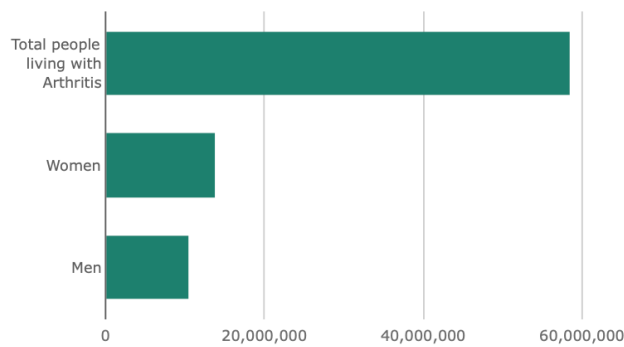
Men **375,000<sup>10</sup>**

Frequency (per 1,000 persons per year) **0.71<sup>11</sup>**

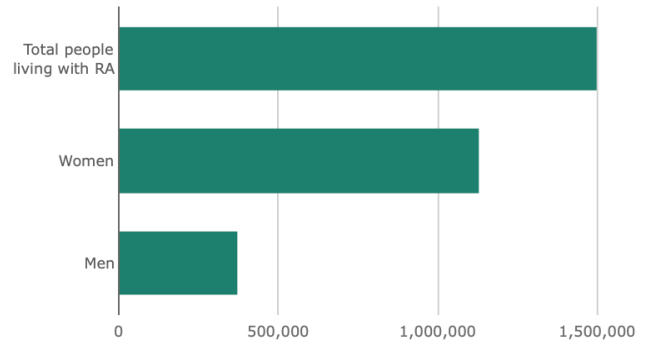
Estimated people living with RA in 2040 **2 million<sup>12</sup>**

RA cost to society (health care costs and loss to economy) **\$46 billion<sup>13</sup>**

## Arthritis in the United States



## RA in the United States



## Models of Rheumatoid Arthritis care



Standardized model of care

Yes



Number of rheumatologists per 75,000 population **5,595<sup>14</sup>** (as of 2015)



Time to RA diagnosis after experiencing first symptoms  
(% of patients within 1 month)

**40.5 months<sup>15</sup>**



RA patient wait time for first rheumatologist visit  
(% of patients longer than 3 months)

**16.3 months<sup>15</sup>**

## Barriers to virtual care



Lack of digital skills



Access to internet



Cost of electronics



Language



Policies/procedures that govern telehealth

## Data Sources

1 United States Census Bureau. The Older Population in the United States: 2019. <https://www.census.gov/data/tables/2019/demo/age-and-sex/2019-older-population.html>

2 National Vital Statistics System (NVSS). Provisional Life Expectancy Estimates for January through June, 2020. <https://www.cdc.gov/nchs/data/vsrr/VSRR10-508.pdf>

3 Centers of Medicare and Medicaid Services. National Health Expenditure Fact Sheet (2020). <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NHE-Fact-Sheet>

4 United Health Foundation. CDC, Behavioral Risk Factor Surveillance System, 2020. Obesity. <https://www.americashealthrankings.org/explore/annual/measure/Obesity/state/ALL>

5 IBIS World. Percentage of Smokers. Data sourced from Centers for Disease Control and Prevention (CDC). <https://www.ibisworld.com/us/bed/percentage-of-smokers/2342/>

6 Centres for Disease Control and Prevention. Arthritis Data and Statistics. National Statistics. [https://www.cdc.gov/arthritis/data\\_statistics/national-statistics.html#:~:text=About%201%20in%204%20US,people%20have%20doctor%20diagnosed%20arthritis.](https://www.cdc.gov/arthritis/data_statistics/national-statistics.html#:~:text=About%201%20in%204%20US,people%20have%20doctor%20diagnosed%20arthritis.)

7 Centres for Disease Control and Prevention. Arthritis Data and Statistics. National Statistics. [https://www.cdc.gov/arthritis/data\\_statistics/national-statistics.html](https://www.cdc.gov/arthritis/data_statistics/national-statistics.html)

8 Arthritis Foundation. Arthritis By The Numbers (2013 total medical costs and earning losses due to arthritis). <https://www.arthritis.org/getmedia/e1256607-fa87-4593-aa8a-8db4f291072a/2019-abtn-final-march-2019.pdf>

9 Healthline. Rheumatoid Arthritis by the Numbers: Facts, Statistics, and You. <https://www.healthline.com/health/rheumatoid-arthritis/facts-statistics-infographic#Prevalence>

10 American College of Rheumatology. Rheumatoid Arthritis. <https://www.rheumatology.org/l-Am-A/Patient-Caregiver/Diseases-Conditions/Rheumatoid-Arthritis>

11 Direct data not available. Projection based on 1.5M out of 58.5M living with RA, and with 78.4M people living with arthritis in 2040, RA population should be approx. 2M.

12 The United States Bone and Joint Initiative (USBJI). The Burden of Musculoskeletal Diseases in the United States: Prevalence, Societal and Economic Costs (BMUS), 4th edition. <https://www.boneandjointburden.org/fourth-edition/iib21/rheumatoid-arthritis>

13 American College of Rheumatology. 2021 American College of Rheumatology Guideline for the Treatment of Rheumatoid Arthritis. <https://www.rheumatology.org/Portals/0/Files/2021-ACR-Guideline-for-Treatment-Rheumatoid-Arthritis-Early-View.pdf>

14 Medscape. Rheumatologist Shortage Threatens Arthritis Care. <https://www.medscape.com/viewarticle/943438>

15 National Center for Biotechnology Information. Lag time between onset of symptoms and diagnosis in Venezuelan patients with rheumatoid arthritis. <https://pubmed.ncbi.nlm.nih.gov/20066425/#:~:text=Mean%20lag%20time%20between%20symptom,16.3%20and%2023.9%20months%2C%20respectively.>