



# BY THE NUMBERS

## Inflammatory Arthritis

*Inflammation of the joints and other tissues*

### Rheumatoid Arthritis Major Cause of Health Care Cost

- **1.5 million:** number of adults estimated to suffer from rheumatoid arthritis
- **\$6.7 billion:** 2011 U.S. cost directly attributed to treatment of rheumatoid arthritis\*\*
- **\$6,428:** annual wages lost per person directly due to rheumatoid arthritis\*\*
- **\$7.7 billion:** total annual wages lost per year directly due to rheumatoid arthritis\*\*
- **300,000:** number of children affected by juvenile arthritis, with JIA the most common\*\*\*

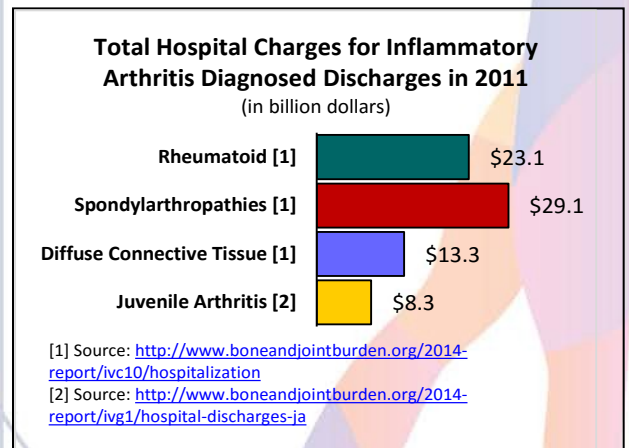
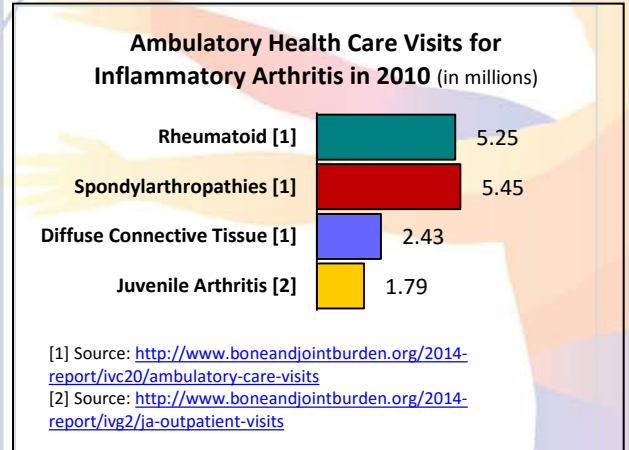
### Most Prevalent Inflammatory Arthritis Conditions

- Rheumatoid arthritis
- Spondylarthropathies (family of diseases, including ankylosing spondylitis, psoriatic arthritis, and other inflammatory conditions)
- Diffuse connective tissue disease (including systemic lupus erythematosus, Sjögren's syndrome, and sclerosis)
- Juvenile arthritis (a family of autoimmune and inflammatory in children under the age of 16, including juvenile idiopathic arthritis (rheumatoid))
- **5.25 million:** number of ambulatory health care visits with rheumatoid arthritis diagnosis\*
- **5.45 million:** number of ambulatory health care visits with spondylarthropathy diagnosis\*
- **2.43 million:** number of ambulatory health care visits with diffuse connective tissue disease diagnosis\*
- **1.79 million:** number of ambulatory health care visits with juvenile arthritis diagnosis\*

### Health Care Impact

- **4% (1.4 million):** number of all adult health care hospital discharges, with inflammatory arthritis diagnosis (may not be the cause of hospitalization)\*\*
- **1 in 5 (21%):** number of adult hospital discharges with an inflammatory arthritis diagnosis sent to long-term care\*\*
- **\$65.5 million:** total hospital charges for discharges with a diagnosis of inflammatory arthritis (may not be the cause of the hospitalization)\*\*
- **\$8.3 million:** total hospital charges for discharges with a diagnosis of juvenile arthritis conditions in age 20 and under population\*\*\*

\* 2010, \*\* 2011, \*\*\* 2012



**THE BY NUMBERS:** Musculoskeletal Conditions is sourced from *The Burden of Musculoskeletal Diseases in the United States (BMUS)*, [www.boneandjointburden.org](http://www.boneandjointburden.org).

The United States Bone and Joint Initiative (USBII) is part of the worldwide campaign to advance understanding, prevention, and treatment of musculoskeletal disorders through education and research. To learn more, visit [www.usbii.org](http://www.usbii.org).



[www.boneandjointburden.org](http://www.boneandjointburden.org)

**References:** For additional information, refer to the tables listed below at [www.boneandjointburden.org](http://www.boneandjointburden.org).

#### **Rheumatoid Arthritis Major Cause of Health Care Cost**

- [1] <http://www.boneandjointburden.org/2014-report/ivb0/prevalence-arthritic-conditions> Myasoedova E, Crowson DS, Kremers HM, Therneau TM, Gabriel SE: Is the incidence of rheumatoid arthritis rising?: Results from Olmsted County, Minnesota, 1955–2007. *Arthritis Rheum* 2010;62(6):1576-1582. Note: More recent data indicates this number may be somewhat lower and in the range of 1 million or slightly higher.
- [2]-[4] T10.13: Mean and Aggregate Total and Incremental Direct (for persons 18 and over) and Indirect Costs for Select Musculoskeletal Diseases, 2008-2011
- [5] Centers for Disease Control and Prevention (CDC): *Childhood Arthritis*. Available at: <http://www.cdc.gov/arthritis/basics/childhood.htm>. Accessed November 11, 2014.

#### **Most Prevalent Inflammatory Arthritis Conditions**

- [1]-[3] T4.2: Health Care Utilization that Included Arthritis and Other Rheumatic Condition (AORC) Diagnoses for Adults Age 18 & Older, United States, 2010
- [4] T4.16: Number of Hospitalizations, Average Length of Hospital Stay (LOS), Hospital Charges 1, and Outpatient Visits for Significant Pediatric Arthritis and Other Rheumatologic Conditions (SPARC) Among Juveniles and Youth Age 20 & Under, by Sex and Age, United States 2008-2012

#### **Health Care Impact**

- [1] T4.2: Health Care Utilization that Included Arthritis and Other Rheumatic Condition (AORC) Diagnoses for Adults Age 18 & Older, United States, 2010
- [2] T4.5: Number of Hospitalizations and Discharge Status Following Hospital Stay that Included Arthritis and Other Rheumatic Condition (AORC) Diagnoses for Adults Age 18 & Older, by Sex and Age, United States, 2011
- [3] T4.4: Number of Hospitalizations, Average Length of Hospital Stay (LOS), and Hospital Charges [1] for Arthritis and Other Rheumatic Condition (AORC) Diagnoses Among Adults Age 18 & Older, by Sex and Age, United States, 2011
- [4] T4.16: Number of Hospitalizations, Average Length of Hospital Stay (LOS), Hospital Charges 1, and Outpatient Visits for Significant Pediatric Arthritis and Other Rheumatologic Conditions (SPARC) Among Juveniles and Youth Age 20 & Under, by Sex and Age, United States 2008-2012