

## ***The Impact of Arthritis: Manitoba Specific Information***

### *The Human Story*

#### **Osteoarthritis (OA) in Manitoba**

In 2010, 154,000 people – or 1 in 8 Manitobans – were living with Osteoarthritis (OA). Within a generation (30 years) it is anticipated that 1 in 4 or 330,000 Manitobans will be living with OA and one person in Manitoba will be diagnosed every 38 minutes.

#### **Rheumatoid Arthritis (RA) in Manitoba**

Unlike OA, Rheumatoid Arthritis (RA) can occur at any age. In 2010, 9,375 Manitobans were living with RA. The prevalence of RA is expected to rise by 63 per cent by 2030. In 2040, 17,296 – or 1 in 84 Manitobans – will be living with RA; one person in Manitoba will be diagnosed with RA every 11 hours.

### *Economic Impact*

#### **Impact on the Productivity of the Manitoba Labour Force (OA)**

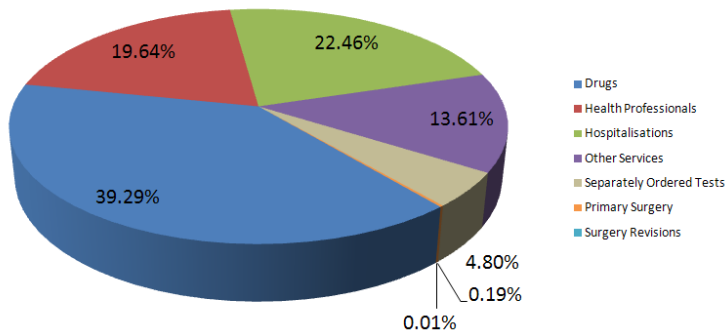
While OA is generally perceived as a condition that affects older adults, it is estimated that OA resulted in \$532 million dollars in productivity losses in Manitoba in 2010. This number is expected to rise by 58 per cent by 2020 and more than double (121 per cent) by 2040. Summed over the next 30 years, OA is expected to result in \$28.3 billion in productivity losses in Manitoba alone (after adjusting for inflation and interest rates).

#### **Impact on the Productivity of the Manitoba Labour Force (RA)**

On average, someone with RA will be work disabled within 10 years of getting the disease. In 2010, it is estimated that RA generated \$100 million dollars in productivity losses in Manitoba. This number is expected to more than double by 2040 (105 per cent). The cumulative total productivity losses generated by RA are expected to reach \$5.06 billion dollars by 2040 (after adjusting for inflation and interest rates).

### Direct Health Care Costs (OA) on the Province of Manitoba

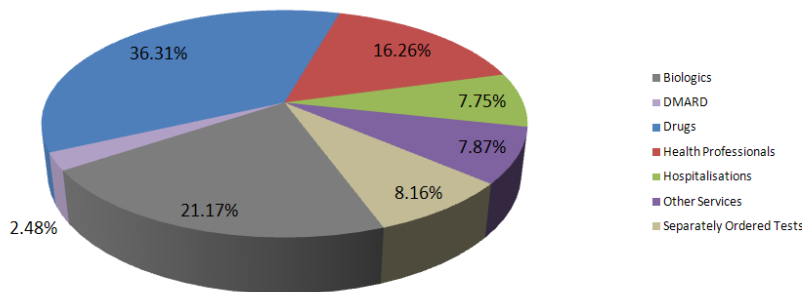
Direct Health Costs of Osteoarthritis: 2010



These costs are expected to rise by 59 per cent by 2020 and by 88 per cent in 2040 (in 2010 dollar terms). Over the next 30 years, the cumulative total direct health care costs associated with OA in Manitoba are expected to exceed \$17.6 billion.

### Direct Health Care Costs (RA) on the Province of Manitoba

Direct Health Costs of Rheumatoid Arthritis: 2010



It is estimated that RA drove \$82.3 million dollars in direct health care costs in Manitoba in 2010. These costs are expected to rise by 25 per cent by 2040 (in 2010 dollar terms). Total cumulative direct health care costs associated with RA in Manitoba are expected to exceed \$3.08 billion dollars over the next 30 years (2040).

### Arthritis in Manitoba and across Canada

In 2010, 13% of Manitobans were living with OA, and another 0.8% with RA. These numbers are reflective of the numbers reported for the Canadian population, with national percentages of 13% and 0.8% for OA and RA respectively. Within 30 years (by 2040), it is estimated that 23% of Manitobans and 26% of Canadians will be living OA, and another 1.2% of Manitobans and 1.4% of Canadians will be living with RA.