Neurodegenerative diseases – including Alzheimer’s disease and related dementias, Parkinson’s disease, ALS, and other motor neuron diseases – affected 4.7-6 million Americans (2016-2017) and were responsible for more than 270,000 deaths and 3 million disability-adjusted life years (2016).

**Alzheimer’s Disease and Related Dementias (ADRD)**
- U.S. Prevalence: More than 5 million people aged 65 and older, prevalence projected to double by 2060
- Annual Direct Costs: $352 billion
- Medicaid costs: $58 billion
- Medicare costs: $179 billion
- Out-of-pocket direct medical: $75 billion
- Annual Burden of Unpaid Caregiving: 15.3 billion hours

70% of the lifetime cost of care is borne by families of individuals living with dementia

**Parkinson’s Disease**
- Total Annual U.S. Costs: $54.7 billion
- Estimated 20% of adults with Parkinson’s disease undiagnosed
- Direct Medical Costs: $26.8 billion
- Indirect, Non-Medical Costs: $27.9 billion, including $6.9 billion in unpaid caregiving

Unpaid caregiving averages 22 hours a week

Medical costs and productivity losses burden projected to rise by 52%, 2017 to 2037

**Amyotrophic Lateral Sclerosis (ALS):**
- Global prevalence of ALS projected to increase from 223,000 (2015) to 377,000 (2040)
- 21,835 people in the U.S. diagnosed with ALS (2015), projected to increase to 29,306 by 2040
- Annual Cost Burden: $1.2 billion a year
- Single patient costs exceed $2 million over 10 years
- Total Direct Costs: $1.75 million with largest cost components of in-home caregivers, ventilation, and hospital care

**Spinal Muscular Atrophy:**
- U.S. Prevalence: 8,500-10,000 individuals diagnosed across all Types (2017)
- U.S. Annual Cost Burden: $809 million (early onset) and $322 million (other subtypes)
- Average direct medical costs: $53,560 per person


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