

Epidemiology of Movement Disorders (Estimated Prevalence)
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Disease State	Estimated Prevalence per 100,000	Estimated Total U.S. Prevalence	Range	Source
Ataxia, hereditary	9	26,610		Zortea M, Armani M, Pastorello E, et al. Prevalence of inherited ataxias in the province of Padua, Italy. <i>Neuroepidemiology</i> . 2004; 23:275-280.
Dystonia:				
Focal	30	88,701		Nutt JG, Muentner MD, Melton LJ 3 rd , Aronson A, Kuland LT. Epidemiology of focal and generalized dystonia in Rochester, Minnesota. <i>Mov. Disord.</i> 1988; 3:188-194.
General	3	8,870		Nutt JG, Muentner MD, Melton LJ 3 rd , Aronson A, Kuland LT. Epidemiology of focal and generalized dystonia in Rochester, Minnesota. <i>Mov. Disord.</i> 1988; 3:188-194.
Essential tremor	4,000.00	11,826,800		Louis, E. Lecture at MDS. New Orleans, LA. March 2005.
Huntington's disease	5	14,783	7-Apr	Online Mendelian Inheritance in Man. Accessed 02/23/05 http://www.ncbi.nlm.nih.gov/entrez/dispim.cgi?id=143100
Multiple system atrophy	4	11,826		Schrag A, Ben-Shlomo Y, Quinn NP. Prevalence of progressive supranuclear palsy and multiple system atrophy: a cross-sectional study. <i>Lancet</i> 1999; 354:1771-5.
Myoclonus	9	26,610		Caviness JN. Myoclonus. <i>Mayo Clin. Proc.</i> 1996; 71:679-688.
Parkinson's disease	148	437,591	128-168	Schrag A, Ben-Shlomo Y, Quinn NP. Cross sectional prevalence survey of idiopathic Parkinson's disease and parkinsonism in London. <i>BMJ</i> . 2000; 321: 21-22.
Progressive supranuclear palsy	6	17740		Schrag A, Ben-Shlomo Y, Quinn NP. Prevalence of progressive supranuclear palsy and multiple system atrophy: a cross-sectional study. <i>Lancet</i> 1999; 354:1771-5.
Restless legs syndrome	9,600.00	28,384,320		Hening W, Walters AS, Allen RP, Montplaisir J, Myers A, Ferini-Strambi L. Impact, diagnosis and treatment of restless legs syndrome (RLS) in a primary care population: the REST (RLS epidemiology, symptoms, and treatment) primary care study. <i>Sleep Med.</i> 2004; 5:237-246.
Rett syndrome	5	14,783		Kozinetz CA, Skender ML, MacNaughton M, et al: Epidemiology of Rett syndrome: A population-based registry. <i>Pediatrics</i> 91:445-450, 1993.
Spasticity:				
Cerebral palsy	230	680,041		Source: Centers for Disease Control
Multiple sclerosis	84	248,362	84% of patients with MS	Rizzo MA, Hadjimichael OC, Preiningerova J, Vollmer TL. Prevalence and treatment of spasticity reported by multiple sclerosis patients. <i>Mult. Scler.</i> 2004; 10:589-595.
Spinal cord injuries	4	11,826	2.5-4.0	Walter JS, Sacks J, Othman R, et al. A database of self-reported secondary medical problems among VA spinal cord injury patients: its role in clinical care and management. <i>J. Rehabil. Res. Dev.</i> 2002; 39 (1): 53-61. (53% of patients with SCI have spasticity; 247,000 people living in the U.S. with SCI – www.fsip.org/facts)
Stroke	198	585,426		Wyller TB. Prevalence of Stroke and Stroke-Related Disability. <i>Stroke</i> . 1998; 29: 866-867. (18% of patients with stroke have spasticity; stroke prevalence 1,100/100,000)
Sydenham's chorea		N/A		Not included
Tardive dyskinesia		N/A		Not included
Tics		N/A		Not included
Tourette syndrome	50	147,835	10-100	Singer HS. Tourette's syndrome: from behaviour to biology. <i>Lancet Neurol.</i> 2005; 4:149-159 (Review).
Wilson's disease	3	8,870		Roberts EA, Cox DW. Wilson disease. <i>Baillieres Clin. Gastroenterol.</i> 1998; 12: 237-256 (Review).
U.S. pop. with movement disorder	14,388.0 (per 100,000)	42,540,999		
Total U.S. population	295,670,406	295,670,406		

Disclaimer: These epidemiologic data are based on a recent survey by WE MOVE of the peer-reviewed medical literature. Unfortunately, there are no precise or 100% accurate numbers of people who may be affected by a specific movement disorder. However, there are other sources of information. For the most recent estimates regarding affected populations for a specific movement disorder, which are not necessarily reflected today in the peer-reviewed medical literature, please contact the appropriate *Life in Motion* coalition member organization. These organizations are listed at www.life-in-motion.org/members/html.

