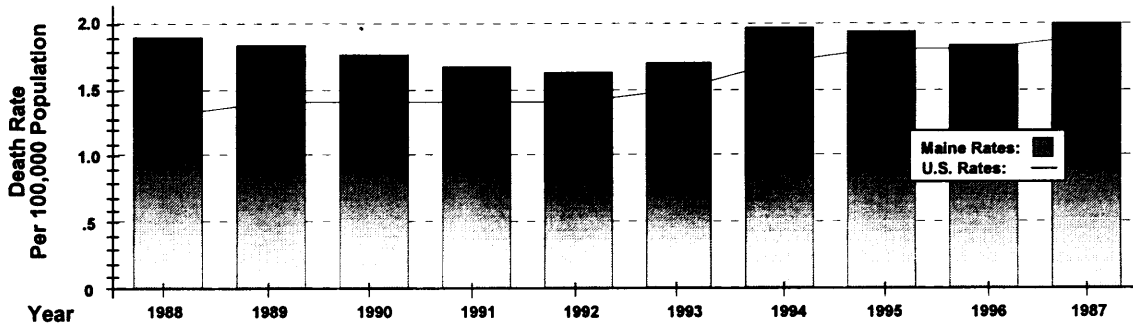


# DEATHS DUE TO PARKINSON'S DISEASE

Maine: 1988 - 1997

- ➔ Parkinson's Disease is both a chronic disease (persisting over a long period) and a progressive disease (growing worse over time) which affects a half million Americans, with approximately 50,000 new cases diagnosed each year.<sup>1</sup>
- ➔ In Maine, 620 residents died from Parkinson's Disease during the period, 1988 - 1997. This resulted in a death rate of 1.8 deaths/100,000 population for the 10 years as a whole - a rate significantly higher than the national rate of 1.5 deaths for the same period.
- ➔ Although the Maine death rate from Parkinson's Disease was significantly higher than the U.S. rate in 1988, the U.S. rate rose significantly from 1.3 deaths/100,000 population to 1.9 deaths from 1988 - 1997 while the Maine rate was nearly the same in 1997 as it was in 1988. At the end of the period, in 1997, the two rates were comparable.

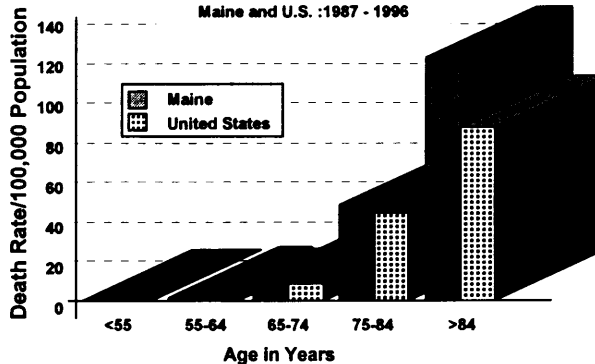
Death Rate from Parkinson's Disease by Year  
Maine\* and United States: 1988 - 1997



\* Due to small numbers, Maine death rates were developed using 3 year moving averages.

- ➔ Increased age and deaths from Parkinson's Disease were positively correlated. During the 10 years, there were no deaths in Maine from this cause to residents younger than 55 years old.

Death Rates from Parkinson's Disease by Age  
Maine and U.S.: 1987 - 1996



- ➔ Age specific death rates for Maine and the U.S. were comparable for all ages except for those over 85 years old; for that age group, the Maine rate (123 deaths/100,000) was significantly higher than the U.S. rate (87 deaths).
- ➔ Males died from Parkinson's Disease at twice the rate of females, both nationally and in Maine.

Notes: Parkinson's Disease deaths are deaths attributed to ICD-9 cause of death code 332. All rates are for underlying cause of death and are age-adjusted to the US 1940 standard population; these rates have been standardized to eliminate differences due solely to variations in the age composition of the populations. National data and 10 year rates were obtained from CDC WONDER. US rates are for whites only. Unless noted, differences in rates are not statistically significant, i.e., they could be accounted for by chance alone.

Footnote 1: "Parkinson's Disease: Hope Through Research", National Institute of Neurological Disorders and Stroke.

For further data on this topic, please contact:

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