

E-Table 1. Comparison of State-Level Prevalence Estimates

State	PD Prevalence (per 100, 000)		
	Ages 65+ *	Ages 45+ **	Prevalence estimate ratio (Age 65+/Age 45+)
Alabama	1,140.4	577.6	1.97
Alaska	935.0	450.3	2.08
Arizona	1,173.2	632.1	1.86
Arkansas	1,069.4	602.4	1.78
California	1,350.7	558.7	2.42
Colorado	1,118.7	534.0	2.09
Connecticut	1,479.0	578.9	2.55
Delaware	1,102.3	596.8	1.85
District of Columbia	1,114.8	547.0	2.04
Florida	1,469.1	668.5	2.20
Georgia	1,054.5	514.0	2.05
Hawaii	1,149.3	635.4	1.81
Idaho	992.1	593.1	1.67
Illinois	1,418.0	566.8	2.50
Indiana	1,278.1	571.8	2.24
Iowa	1,273.5	627.3	2.03
Kansas	1,362.4	602.6	2.26
Kentucky	1,122.6	565.5	1.99
Louisiana	1,181.4	557.9	2.12
Maine	1,061.4	604.6	1.76
Maryland	1,227.8	544.8	2.25
Massachusetts	1,249.2	577.4	2.16
Michigan	1,169.5	581.0	2.01
Minnesota	1,195.8	582.2	2.05
Mississippi	1,004.9	571.3	1.76
Missouri	1,251.1	595.0	2.10
Montana	924.8	621.2	1.49
Nebraska	1,336.8	608.9	2.20
Nevada	1,112.2	557.1	2.00
New Hampshire	1,149.7	561.5	2.05
New Jersey	1,414.9	566.7	2.50
New Mexico	898.8	607.0	1.48
New York	1,535.6	579.9	2.65
North Carolina	1,018.1	562.5	1.81
North Dakota	1,289.8	623.9	2.07
Ohio	1,231.1	589.5	2.09
Oklahoma	1,052.6	591.8	1.78
Oregon	980.7	601.7	1.63
Pennsylvania	1,385.6	614.4	2.25
Rhode Island	1,255.8	596.8	2.10
South Carolina	1,018.2	577.2	1.76
South Dakota	1,167.8	626.7	1.86
Tennessee	1,245.9	568.3	2.19
Texas	1,350.1	526.0	2.57
Utah	1,218.8	546.9	2.23
Vermont	999.3	590.3	1.69
Virginia	1,196.2	548.8	2.18

Washington	1,087.2	562.7	1.93
West Virginia	1,072.7	615.0	1.74
Wisconsin	1,194.2	588.5	2.03
Wyoming	814.0	577.8	1.41

***Sample consisting of individuals participating in the Medicare program.**

****Sample consisting of pooled data from the Medicare program, Rochester Epidemiology Project, California Parkinson's Disease Registry, Honolulu-Asia Aging Study, Kaiser Permanente Northern California.**

E-Table 2. Medicare and Individual payments, PD vs. non-PD

Spending Category	Health Care Use Payment/ Visit Type	Non-PD (n= 27,145,809)		PD (n=392,214)		p*
		Mean	Std. Deviation	Mean	Std. Deviation	
Hospital Outpatient	Medicare Payments	1231.57	4475.33	2246.24	5090.56	<0.05
	Beneficiary Payments	334.61	1132.90	588.53	1207.86	<0.05
	Other Payer Payments	21.23	3005.17	22.04	777.91	NS
	Visits	5.49	15.53	12.94	23.05	<0.05
Acute Inpatient	Medicare Payments	2228.28	9079.98	5369.08	13403.68	<0.05
	Beneficiary Payments	196.66	625.00	484.01	998.97	<0.05
	Other Payer Payments	40.55	2644.52	50.40	2115.92	NS
	Per Diem Payments	67.66	623.27	178.54	975.42	<0.05
	Covered Days	1.03	4.21	2.86	6.96	<0.05
Other Inpatient	Medicare Payments	305.25	3466.09	1485.60	7590.82	<0.05
	Beneficiary Payments	12.34	421.59	65.21	927.12	<0.05
	Other Payer Payments	1.59	759.72	3.96	603.07	NS
	Per Diem Payments	0.29	35.90	1.44	70.34	<0.05
	Covered Days	0.24	2.67	1.21	6.12	<0.05
Skilled Nursing Facility	Medicare Payments	748.51	4405.29	3605.40	9763.14	<0.05
	Beneficiary Payments	148.84	1115.03	794.92	2570.48	<0.05
	Other Payer Payments	0.60	125.26	2.31	248.10	<0.05
	Covered Days	1.77	10.39	8.58	23.07	<0.05
Hospice	Medicare Payments	282.04	3076.97	1195.88	6179.41	<0.05
	Other Payer Payments	0.13	53.62	0.20	50.60	NS
	Covered Days	1.78	19.90	7.51	39.71	<0.05
Home Health	Medicare Payments	448.88	1992.57	1979.92	4334.88	<0.05
	Other Payer Payments	0.16	63.19	0.47	48.61	NS
	Visits	2.79	15.98	12.44	34.70	<0.05
Ambulatory Surgery	Medicare Payments	69.17	407.76	85.18	569.95	<0.05
	Beneficiary Payments	17.65	104.83	21.84	146.04	<0.05
	Other Payer Payments	0.97	64.44	0.47	32.78	<0.05
	Events	0.14	0.65	0.17	0.73	<0.05
Part B Drug	Medicare Payments	311.37	2860.10	341.56	2473.47	<0.05
	Beneficiary Payments	75.65	731.33	83.04	632.35	<0.05
	Other Payer Payments	1.75	234.38	1.28	121.15	<0.05
	Events	2.17	5.86	2.98	5.65	<0.05
E&M	Medicare Payments	385.99	1195.59	1206.20	2294.08	<0.05
	Beneficiary Payments	109.71	314.43	331.83	598.17	<0.05
	Other Payer Payments	1.46	56.42	2.26	72.53	<0.05
	Events	4.95	15.14	15.80	29.50	<0.05
Part B Physician	Medicare Payments	42.77	133.33	452.64	1680.09	<0.05
	Beneficiary Payments	11.33	35.20	116.57	431.84	<0.05
	Other Payer Payments	0.85	36.52	0.90	88.80	NS
	Events	0.32	0.95	4.89	16.17	<0.05
Anesthesia	Medicare Payments	11.50	169.80	64.29	166.95	<0.05
	Beneficiary Payments	3.07	45.41	16.82	43.63	<0.05
	Other Payer Payments	0.03	8.21	0.70	36.25	<0.05
	Events	0.07	1.21	0.48	1.33	<0.05
Dialysis	Medicare Payments	434.41	1347.26	13.31	186.16	<0.05
	Beneficiary Payments	118.82	348.74	3.50	48.98	<0.05

	<i>Other Payer Payments</i>	3.98	176.96	0.02	6.37	NS
	<i>Events</i>	4.74	12.65	0.09	1.44	<0.05
Other Procedures	<i>Medicare Payments</i>	139.96	315.88	704.92	1586.76	<0.05
	<i>Beneficiary Payments</i>	37.90	84.75	190.89	410.37	<0.05
	<i>Other Payer Payments</i>	1.31	51.12	3.47	123.65	<0.05
	<i>Events</i>	3.22	5.83	9.35	20.08	<0.05
Imaging	<i>Medicare Payments</i>	197.36	429.77	225.62	343.96	<0.05
	<i>Beneficiary Payments</i>	24.45	63.29	61.88	92.32	<0.05
	<i>Other Payer Payments</i>	0.79	27.65	1.27	44.22	<0.05
	<i>Events</i>	10.71	18.48	6.21	8.09	<0.05
Tests	<i>Medicare Payments</i>	114.96	598.24	319.80	509.62	<0.05
	<i>Beneficiary Payments</i>	33.26	162.70	41.02	86.21	<0.05
	<i>Other Payer Payments</i>	0.32	31.54	0.92	30.71	NS
	<i>Events</i>	1.86	5.65	17.02	22.28	<0.05
DME	<i>Medicare Payments</i>	139.66	1092.81	221.87	833.61	<0.05
	<i>Beneficiary Payments</i>	37.20	281.57	62.63	221.60	<0.05
	<i>Other Payer Payments</i>	0.51	76.79	0.39	33.99	NS
	<i>Events</i>	1.79	10.33	3.34	7.47	<0.05
Other Part B	<i>Medicare Payments</i>	1231.57	4475.33	452.64	1680.09	<0.05
	<i>Beneficiary Payments</i>	334.61	1132.90	116.57	431.84	<0.05
	<i>Other Payer Payments</i>	21.23	3005.17	0.90	88.80	<0.05
	<i>Events</i>	5.49	15.53	4.89	16.17	<0.05
Other Health Care Utilization	<i>ED Visits w/ Discharge</i>	0.30	0.90	0.72	1.46	<0.05
	<i>ED Visit w/ Admission</i>	0.16	0.56	0.46	0.94	<0.05
	<i>Acute Inpatient Stays</i>	0.21	0.66	0.56	1.04	<0.05
	<i>Other Inpatient Stays</i>	0.02	0.15	0.08	0.34	<0.05
	<i>Skilled Nursing Facility Stays</i>	0.07	0.34	0.29	0.70	<0.05
	<i>Hospice Days</i>	0.02	0.16	0.09	0.31	<0.05
	<i>Hospital Readmissions</i>	0.03	0.27	0.10	0.44	<0.05
Part D	<i>Total Prescription Costs</i>	1407.97	5242.06	3235.70	6754.96	<0.05
	<i>Medicare Payments</i>	980.79	4518.86	2303.10	5894.53	<0.05
	<i>Beneficiary Payments</i>	318.94	1217.15	660.93	1590.85	<0.05
	<i>Events</i>	18.26	32.04	42.14	52.05	<0.05
	<i>Fill Count</i>	26.85	40.66	53.50	57.27	<0.05

*Comparison of group means with equal variance assumed, Bonferroni correction for multiple comparisons
Abbreviations: NS= Not statistically significant, ED= Emergency Department