

Nebraska Parkinson's Disease Registry Statistics Report October 31, 2014

Patient Information Reviewed by Diagnosticians

Total Patients Diagnosed with Parkinson's Disease*	13,873
Total Confirmed to have PD by Diagnostician	12,626
Total Diagnosed on Death Certificate Only	1,247
Total Ruled Out as Not having PD by Diagnostician	<u>10,072</u>
Total Records Reviewed by Diagnosticians	23,945

Information not Reviewed by Diagnosticians

Outstanding (Awaiting Physician Reply)	721
Other **	<u>3,641</u>
Total Records Not Reviewed by Diagnosticians	4,362

PATIENTS WHO SELF-REPORTED (included in above total) 267

* The registry began collecting data January 1, 1997

** Unable to follow-up with physician

Summary Statistics for Cases of Confirmed Parkinson's Disease

	Mean (SD), Median / N (%)
Avg Age at Diagnosis*	73.71 (10.71), 75.36
Avg Longevity (Years)*	7.09 (5.39), 5.99
Male	7,345 (52.94%)
Female	6,528 (47.06%)
Deceased	9,787 (70.55%)
Living	4,086 (29.45%)
Nebraska Resident	13,313 (95.96%)
Other Resident	560 (4.04%)

*High Age at Diagnosis and Low Longevity is due to missing data

*Began collecting data in 1997

For questions regarding this report, please contact Jill Krause at (402) 471-8582 or by email: jill.krause@nebraska.gov.

Please visit the registry website www.dhhs.ne.gov/parkinsons for information regarding its history, reporting procedures, legal requirements, and aggregate patient data and data request forms.

Cases of Confirmed Parkinson's Disease by Diagnosis Year Pre-1997 – 2014

YEAR	TOTAL
Pre-1997*	3,484
1997	775
1998	790
1999	591
2000	536
2001	610
2002	538
2003	534
2004**	411
2005**	431
2006**	616
2007	729
2008	831
2009	533
2010	584
2011	449
2012	547
2013	505
2014	379
TOTAL	13,873

Diagnosis of PD based on physician office confirmation or death certificate

*Began collecting data in 1997

** Registry terminated from October 2004 - February 2006 due to lack of funding

Patient's County of Residence Pre 1997-2014

County Name	Frequency	Percent
Douglas	2,476	18.54
Lancaster	2,149	16.09
Hall	493	3.69
Dodge	482	3.61
Sarpy	461	3.45
Madison	435	3.26
Scotts Bluff	374	2.8
Buffalo	336	2.52
Adams	266	1.99
Gage	258	1.93
Lincoln	245	1.83
Platte	245	1.83
Otoe	209	1.57
Saunders	175	1.31
Saline	174	1.3
Seward	164	1.23
Dawson	158	1.18
York	158	1.18
Cass	153	1.15
Holt	137	1.03
Butler	117	0.88
Washington	117	0.88
Custer	116	0.87
Jefferson	113	0.85
Richardson	112	0.84
Thayer	109	0.82
Cuming	97	0.73
Red Willow	95	0.71
Box Butte	92	0.69
Knox	92	0.69
Fillmore	91	0.68
Cedar	87	0.65
Colfax	86	0.64
Dakota	86	0.64
Phelps	84	0.63
Sheridan	83	0.62
Nuckolls	82	0.61
Cherry	80	0.6
Hamilton	75	0.56
Keith	75	0.56
Burt	74	0.55
Furnas	73	0.55
Antelope	72	0.54
Dixon	72	0.54
Nemaha	71	0.53
Clay	70	0.52

Merrick	68	0.51
Dawes	67	0.5
Kearney	67	0.5
Valley	67	0.5
Webster	66	0.49
Pierce	65	0.49
Boone	64	0.48
Wayne	62	0.46
Howard	61	0.46
Cheyenne	57	0.43
Polk	48	0.36
Johnson	47	0.35
Nance	47	0.35
Morrill	44	0.33
Brown	40	0.3
Franklin	40	0.3
Hitchcock	38	0.28
Thurston	38	0.28
Chase	37	0.28
Pawnee	36	0.27
Kimball	33	0.25
Perkins	33	0.25
Gosper	32	0.24
Harlan	31	0.23
Stanton	29	0.22
Garden	27	0.2
Sherman	27	0.2
Frontier	25	0.19
Rock	25	0.19
Boyd	23	0.17
Garfield	21	0.16
Greeley	21	0.16
Hooker	19	0.14
Dundy	14	0.1
Deuel	12	0.09
Grant	9	0.07
Sioux	8	0.06
Thomas	7	0.05
Wheeler	7	0.05
Arthur	6	0.04
Logan	4	0.03
McPherson	4	0.03
Blaine	*	--
Hayes	*	--
Keya Paha	*	--
Loup	*	--

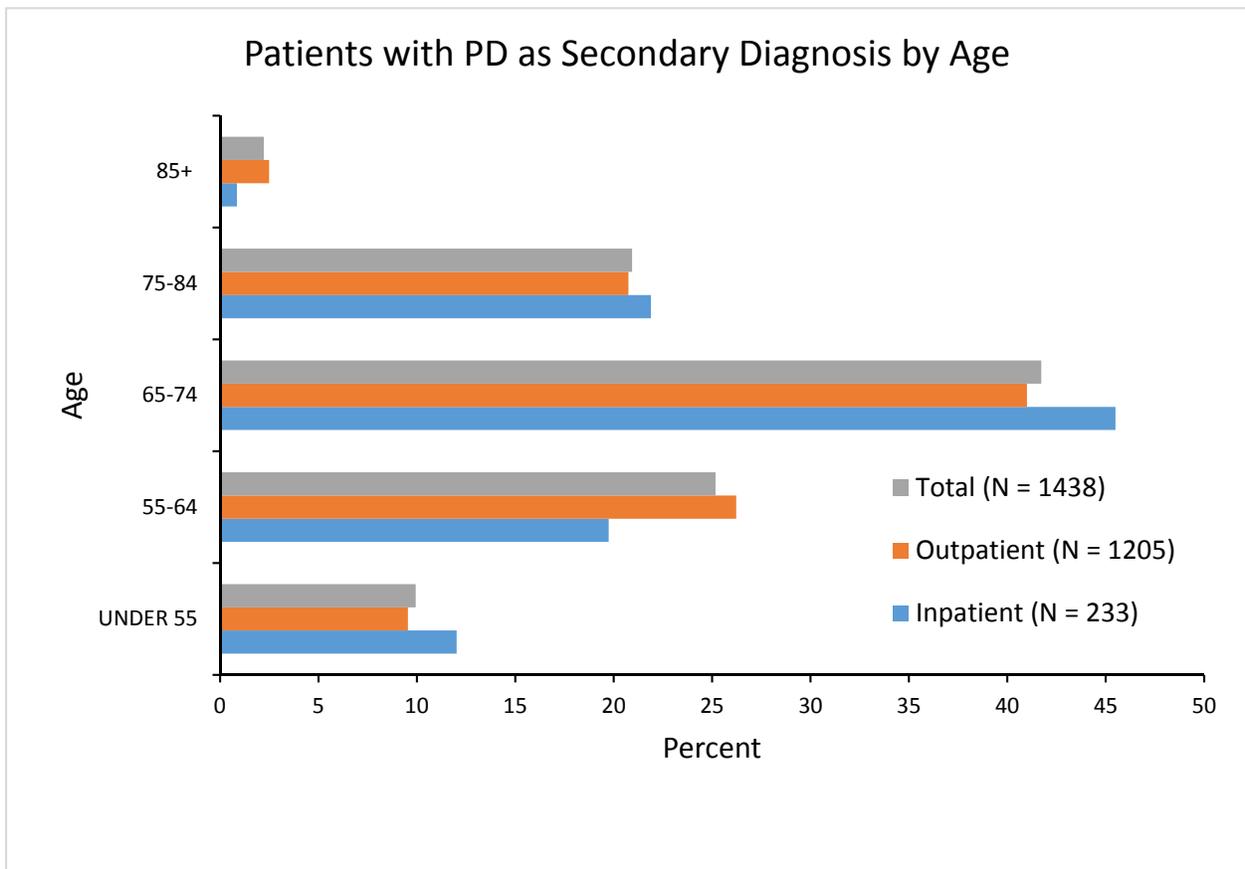
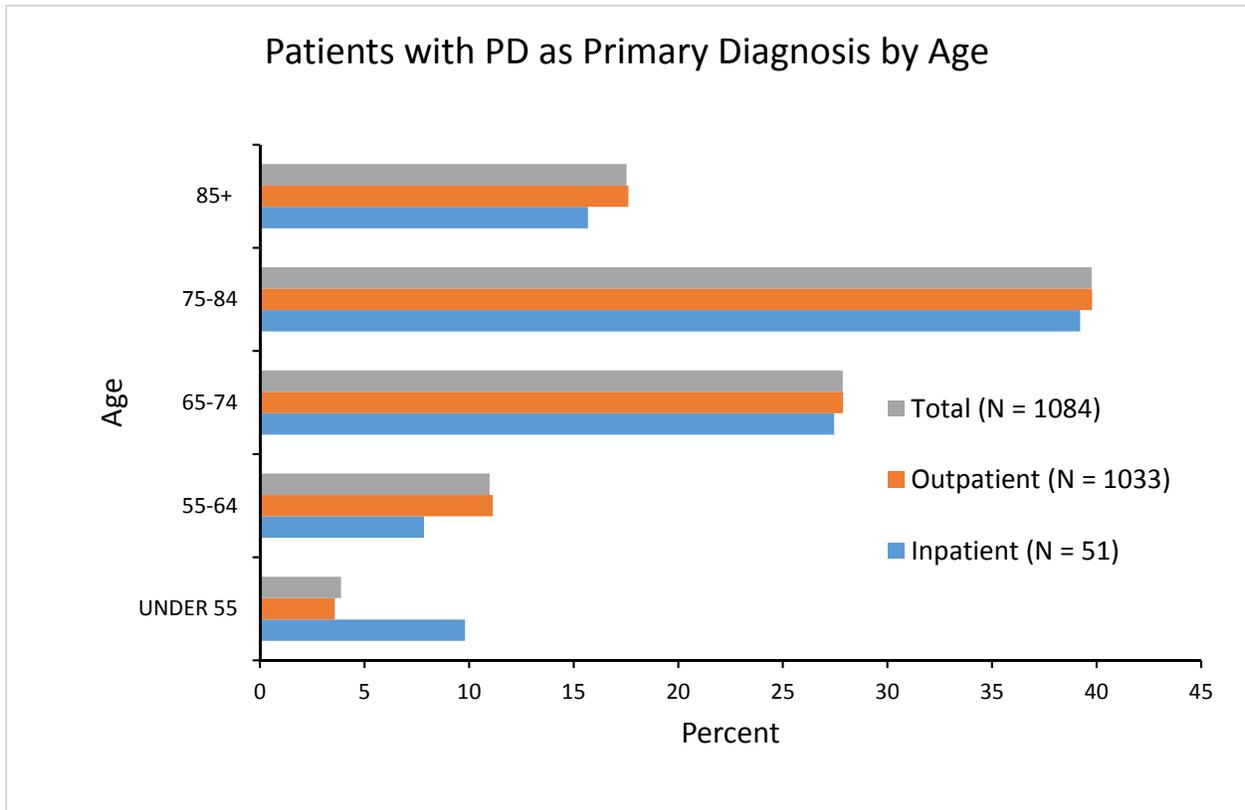
* 3 Cases or less

STATE OF RESIDENCE PRE-1997 - 2014

State	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NE	13,353	96.25	13,353	96.25
IA	317	2.29	13,670	98.54
KS	80	0.58	13,750	99.11
MO	15	0.11	13,765	99.22
SD	14	0.10	13,779	99.32
TX	13	0.09	13,792	99.42
CO	11	0.08	13,803	99.50
WY	11	0.08	13,814	99.57
AZ	10	0.07	13,824	99.65
FL	7	0.05	13,831	99.70
CA	5	0.04	13,836	99.73
IL	4	0.03	13,840	99.76
OR	4	0.03	13,844	99.79
MN	3	0.02	13,847	99.81
WA	3	0.02	13,850	99.83
AL	2	0.01	13,852	99.85
GA	2	0.01	13,854	99.86
NY	2	0.01	13,856	99.88
OK	2	0.01	13,858	99.89
TN	2	0.01	13,860	99.91
WI	2	0.01	13,862	99.92
CT	1	0.01	13,863	99.93
IN	1	0.01	13,864	99.94
KY	1	0.01	13,865	99.94
LA	1	0.01	13,866	99.95
MA	1	0.01	13,867	99.96
MS	1	0.01	13,868	99.96
OTHER	5	0.04	13,873	100.00

2012 HOSPITAL DISCHARGE DATA ANALYSIS

(Not Integrated with Nebraska Parkinson's Disease Registry Data)



2012 HOSPITAL DISCHARGE DATA ANALYSIS
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INPATIENT Top 10 Primary Diagnoses for persons with PD listed in DIAG1 – DIAG10

Primary Diagnosis	N	%	Mean Charge	Median Charge
Diseases of the Circulatory System	244	17.2%	\$28,491.35	\$19,698.84
Diseases of the Respiratory System	220	15.5%	\$24,200.86	\$18,112.20
Injury & Poisoning	177	12.5%	\$34,978.83	\$26,963.94
Diseases of the Digestive System	115	8.1%	\$24,522.40	\$20,979.22
Ill-Defined Conditions	105	7.4%	\$15,301.67	\$12,056.18
Diseases of the Genitourinary System	98	6.9%	\$18,527.87	\$13,810.61
Diseases of the Musculoskeletal System & Connective Tissue	94	6.6%	\$36,871.47	\$32,915.96
Diseases of the Nervous System & Sense Organs	83	5.8%	\$26,653.08	\$21,057.12
Infectious and Parasitic Diseases	67	4.7%	\$24,179.43	\$19,879.10
After-Care Health Services	56	3.9%	\$41,242.32	\$38,368.38

OUTPATIENT Top 10 Primary Diagnoses for persons with PD listed in DIAG1 – DIAG10

Primary Diagnosis	N	%	Mean Charge	Median Charge
Diseases of the Nervous System & Sense Organs	1175	26.8%	\$1,944.18	\$281.00
After-Care Health Services	729	16.6%	\$3,656.99	\$768.00
Ill-Defined Conditions	704	16.1%	\$2,818.94	\$1,493.68
Diseases of the Circulatory System	394	9.0%	\$3,524.51	\$244.43
Injury & Poisoning	302	6.9%	\$3,953.96	\$2,036.77
Diseases of the Musculoskeletal System & Connective Tissue	225	5.1%	\$3,045.38	\$1,134.82
Endocrine, Nutritional, and Metabolic Diseases, and Immunity Disorders	158	3.6%	\$1,435.76	\$273.59
Diseases of the Respiratory System	122	2.8%	\$1,973.96	\$815.85
Mental Disorders	118	2.7%	\$1,201.69	\$223.00
Diseases of the Digestive System	111	2.5%	\$4,000.79	\$2,287.05