

IPU RESEARCH NOTE

MICHIGAN STATE UNIVERSITY ■ INSTITUTE OF PUBLIC UTILITIES REGULATORY RESEARCH AND EDUCATION

COMMISSIONER DEMOGRAPHICS 2016

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As of March 2016, 243 commissioners served in 61 federal and state public utility regulatory agencies. This research note summarizes key demographics for the commissioners based on data reported in the February 2016 membership directory published by the National Association of Regulatory Utility Commissioners (NARUC), supplemented by information available on the commission websites, press releases, and other sources, including correspondence.

At the time of publication, 6 vacancies were reported for the total of 249 commissioner seats. Thirty-three commissioners had left and 33 commissioners had joined since March 2015. The data represent the Federal Communications Commission and the Federal Energy Regulatory Commission, the commissions serving in the District of Columbia, Guam, and the Virgin Islands and multiple agencies for Massachusetts (2), Nebraska (2), Texas (3), and Puerto Rico (2) (see Exhibit 6 for details).

Six exhibits follow:

- Exhibit 1. Detailed commissioner demographics for March 2016
- Exhibit 2. Select commissioner demographics for March 2016
- Exhibit 3. Commissioner tenure as of March 2016
- Exhibit 4. Longest serving commissioners as of March 2016
- Exhibit 5. Commission profiles for March 2016
- Exhibit 6. Collective and aggregate years of experience by agency as of March 2016

For long-term trends, see IPU's *Historical Commission Demographics*.

Exhibit 1. Commissioner demographics for March 2016.

Characteristic	N	%
Number of commissions	61	
Number of commissioner positions	249	
Number of current commissioners	243	
Number of current vacancies	6	
Average number of commissioners	4.0	
Median number of commissioners	3.0	
Average tenure of current commissioners as of March 2015	5.0	
Median tenure of current commissioners as of March 2015	3.3	
Average term specified for commissioners	5.3	
Median term specified for commissioners (also mode)	6.0	
New commissioners since March 2014 (% of 221)	33	14.9%
Commissioners leaving since March 2014 (% of 232)	33	14.2%
One-member commissions (Massachusetts DTC)	1	1.6%
Three-member commissions	32	52.5%
Five-member commissions	23	37.7%
Seven-member commissions (NC, SC, GU, VI)	5	8.2%
Appointed commissions	47	77.0%
Elected commissions (incl. SC and VA)	14	23.0%
Appointed commissioners (incl. vac.)	191	313.1%
Elected commissioners (incl. vac.)	58	95.1%
Republicans (excl. vacancies)	73	29.3%
Democrats (excl. vacancies)	51	20.5%
Independents (excl. vacancies)	5	2.0%
Unknown (excl. vacancies)	114	45.8%
Former federal elected officials	1	0.4%
Former state elected officials	43	17.3%
Former local elected officials	16	6.4%
Former elected both state & local	7	2.8%
Total formerly elected	67	26.9%
Attorneys (JD)	75	30.1%
Attorneys (JD) with Masters	11	4.4%
Ph.D. or E.D.	8	3.2%
Masters degree	40	16.1%
Bachelors degree	64	25.7%
Assoc., some college, or not spec.	16	6.4%
CPA (included elsewhere)	4	1.6%
Utility experience	19	7.8%
Related private experience	49	20.2%
Related nonprofit experience	16	6.6%
Related public experience	54	22.2%
Former commission staff or counsel	26	10.7%
Returning commissioners	10	4.1%
Total with related experience	114	46.9%
Male commissioners	167	67.1%
Female commissioners	76	30.5%

About the Commissioners March 2016
 Data for 243 commissioners serving 61 commissions;
 FERC, FCC, and 50 states with MA-2, NE-2, TX-3, DC, GU, PR-2, VI

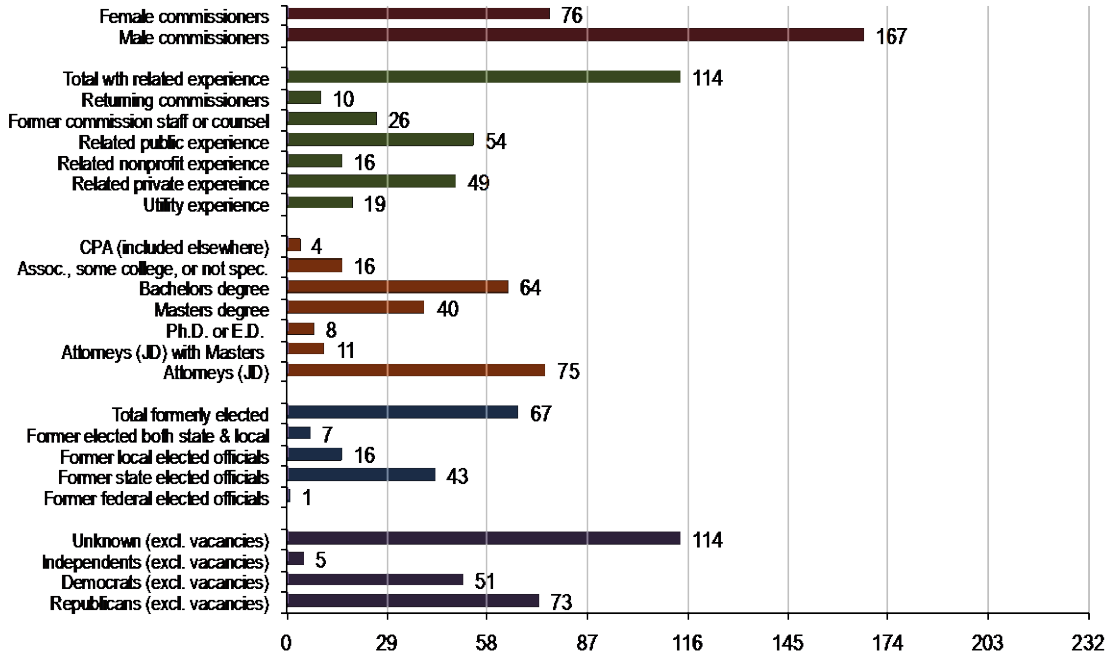


Exhibit 2. Select commissioner demographics for March 2016.

Commissioner tenure as of March 2016
 Data for 243 commissioners serving 61 commissions;
 FERC, FCC, and 50 states with MA-2, NE-2, TX-3, DC, GU, PR-2, VI

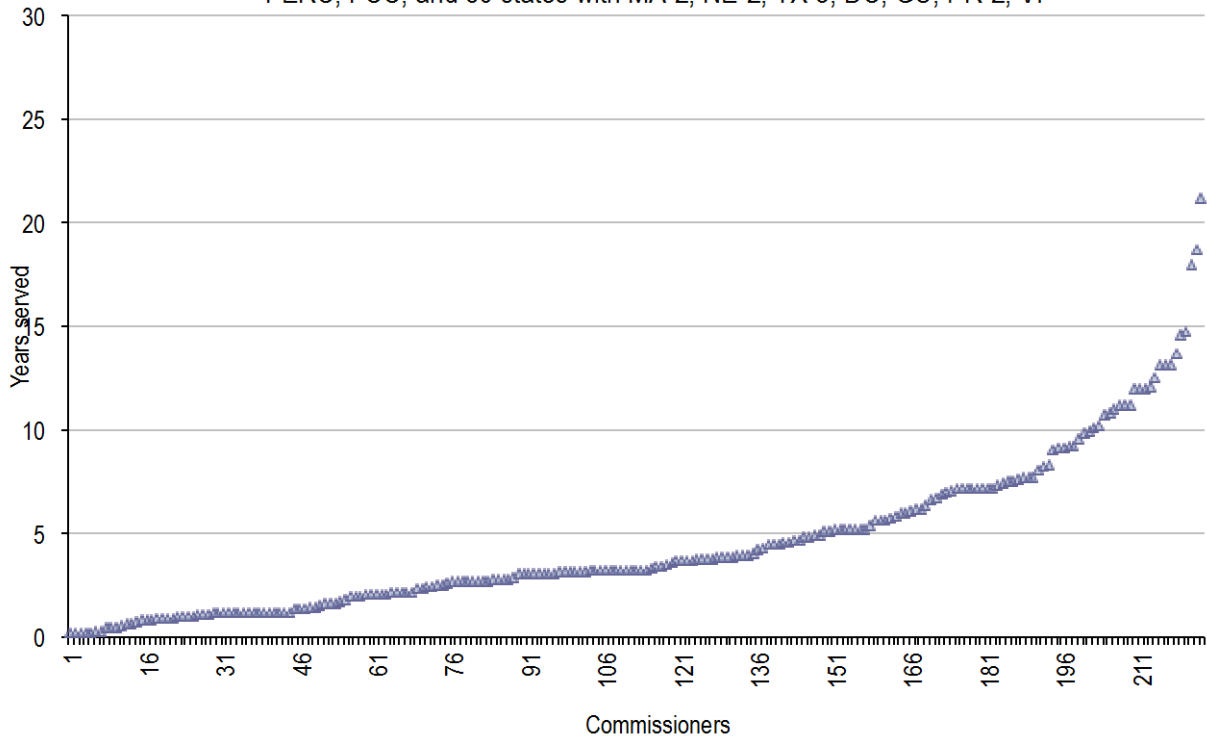


Exhibit 3. Commissioner tenure as of March 2016.

Exhibit 4. Longest serving commissioners as of March 2016.

First name	Last name	Agency	Began term	Years of service
Filomena	Cantoria	Guam Public Utilities Commission	1-Feb-83	33.1
Frank	Landis, Jr.	Nebraska Public Service Commission	5-Jan-89	27.2
Bob	Anthony	Oklahoma Corporation Commission	9-Jan-89	27.1
David	Ziegner	Indiana Utility Regulatory commission	25-Aug-90	25.5
Rod	Johnson	Nebraska Public Service Commission	7-Jan-93	23.1
Stan	Wise	Georgia Public Service Commission	1-Jan-95	21.2
John	Betkoski, III	Connecticut Department of Public Utility Control	1-Jul-97	18.7
Joseph	McDonald	Guam Public Utilities Commission	1-Apr-98	17.9
Joann	Conaway	Delaware Public Service Commission	1-Jun-01	14.7
Gerald	Vap	Nebraska Public Service Commission	7-Aug-01	14.6
Harold	Williams	Maryland Public Service Commission	1-Jul-02	13.7
Doug	Everett	Georgia Public Service Commission	1-Jan-03	13.2
Foster	Campbell	Louisiana Public Service Commission	1-Jan-03	13.2
Gary	Hanson	South Dakota Public Utilities Commission	6-Jan-03	13.1
John	Savage	Oregon Public Utility Commission	1-Sep-03	12.5
Mark	Christie	Virginia State Corporation Commission	1-Feb-04	12.1
G. O'Neal	Hamilton	South Carolina Public Service Commission	1-Mar-04	12.0
Elizabeth	Fleming	South Carolina Public Service Commission	1-Mar-04	12.0
John	Howard	South Carolina Public Service Commission	4-Mar-04	12.0
Lambert	Boissiere, III	Louisiana Public Service Commission	1-Jan-05	11.2
Philip	Jones	Washington Utilities & Transportation Commission	1-Jan-05	11.2
Lisa	Polak Edgar	Florida Public Service Commission	2-Jan-05	11.2
James	Volz	Vermont Public Service Board	1-Mar-05	11.0
Dallas	Winslow	Delaware Public Service Commission	1-May-05	10.8
Patricia	Acampora	New York Public Service Commission	16-Jun-05	10.7
Joseph	Fiordaliso	New Jersey Board of Public Utilities	1-Jan-06	10.2
Judith	Jagdmann	Virginia State Corporation Commission	1-Feb-06	10.1

Exhibit 5. Commission profiles for March 2016.

Commission	Comm est.	Comm selection	N comm	Comm term	Col. exp. (yrs 2016)	Ave. exp. (yrs 2016 excl. vac.)
Federal Communications Commission	1934	A	5	5	18.8	3.8
Federal Energy Regulatory Commission	1930	A	5	5	12.1	3.0
Alabama Public Service Commission	1881	E	3	4	9.9	3.3
Alaska Regulatory Commission	1959	A	5	6	27.9	5.6
Arizona Corporation Commission	1912	E	5	4	14.6	3.7
Arkansas Public Service Commission	1935	A	3	6	7.5	2.5
California Public Utilities Commission	1911	A	5	6	16.7	3.3
Colorado Public Utilities Commission	1885	A	3	4	7.2	2.4
Connecticut Dept. of Public Utility Control	1911	A	3	4	26.1	8.7
DC Public Service Commission	1913	A	3	4	14.0	7.0
Delaware Public Service Commission	1949	A	5	5	29.1	5.8
Florida Public Service Commission	1887	A	5	4	28.7	5.7
Georgia Public Service Commission	1879	E	5	6	55.8	11.2
Guam Public Utilities Commission	1984	A	7	6	68.2	11.4
Hawaii Public Utilities Commission	1913	A	3	6	9.3	3.1
Idaho Public Utilities Commission	1913	A	3	6	6.2	2.1
Illinois Commerce Commission	1871	A	5	5	12.4	2.5
Indiana Utility Regulatory Commission	1913	A	5	4	37.0	7.4
Iowa Utilities Board	1878	A	3	6	8.5	2.8
Kansas Corporation Commission	1883	A	3	4	7.6	2.5
Kentucky Public Service Commission	1934	A	3	4	9.0	3.0
Louisiana Public Service Commission	1899	E	5	6	41.5	8.3
Maine Public Utilities Commission	1915	A	3	6	5.7	1.9
Maryland Public Service Commission	1910	A	5	5	20.3	4.1
Massachusetts Dept. of Public Utilities	1861	A	3	4	9.2	3.1
Massachusetts Dept. of Telecom. & Cable	2007	A	1	4	1.6	1.6
Michigan Public Service Commission	1873	A	3	6	7.7	2.6
Minnesota Public Utilities Commission	1871	A	5	6	10.0	2.0
Mississippi Public Utilities Commission	1884	E	3	4	8.5	2.8
Missouri Public Service Commission	1913	A	5	6	12.0	2.4
Montana Public Service Commission	1907	E	5	4	15.8	3.2
Nebraska Power Review Board	1907	E	5	6	22.0	4.4
Nebraska Public Service Commission	1963	A	5	4	75.2	15.0
Nevada Public Utilities Commission	1911	A	3	4	11.1	3.7
New Hampshire Public Utilities Commission	1911	A	3	6	7.8	2.6
New Jersey Board of Public Utilities	1907	A	5	6	19.8	4.0
New Mexico Public Regulation Commission	1999	E	5	4	13.8	2.8
New York Public Service Commission	1855	A	5	6	19.8	5.0
North Carolina Utilities Commission	1891	A	7	8	31.7	5.3
North Dakota Public Service Commission	1889	E	3	6	13.5	4.5
Ohio Public Utilities Commission	1867	A	5	5	12.5	2.5
Oklahoma Corporation Commission	1907	E	3	6	35.5	11.8
Oregon Public Utility Commission	1887	A	3	4	22.7	7.6
Pennsylvania Public Utility Commission	1937	A	5	5	21.0	4.2
Puerto Rico Public Service Commission		A	7		0.0	0.0
Puerto Rico Telecom. Regulatory Board	1996	A	3	6	0.0	0.0
Rhode Island Public Utilities Commission	1839	A	3	6	12.5	4.2
South Carolina Public Service Commission	1879	E	7	4	54.1	7.7
South Dakota Public Utilities Commission	1886	E	3	6	22.9	7.6
Tennessee Regulatory Authority	1897	A	5	6	16.3	4.1
Texas Commission on Environmental Quality	1975	A	3	6	12.6	4.2
Texas Public Utility Commission	1985	A	3	6	17.6	5.9
Texas Railroad Commission	1891	E	3	6	9.5	3.2
Utah Public Service Commission	1935	A	3	6	7.1	2.4
Vermont Public Service Board	1886	A	3	6	14.4	4.8
Virgin Islands Public Services Commission	1940	A	7	3	15.2	2.5
Virginia State Corporation Commission	1903	E	3	6	29.7	9.9
Washington Utilities & Transportation Comm.	1905	A	3	6	15.4	5.1
West Virginia Public Service Commission	1913	A	3	6	10.8	3.6
Wisconsin Public Service Commission	1874	A	3	6	10.6	3.5
Wyoming Public Service Commission	1915	A	3	6	13.6	4.5

Collective and average years of experience as of March 2016

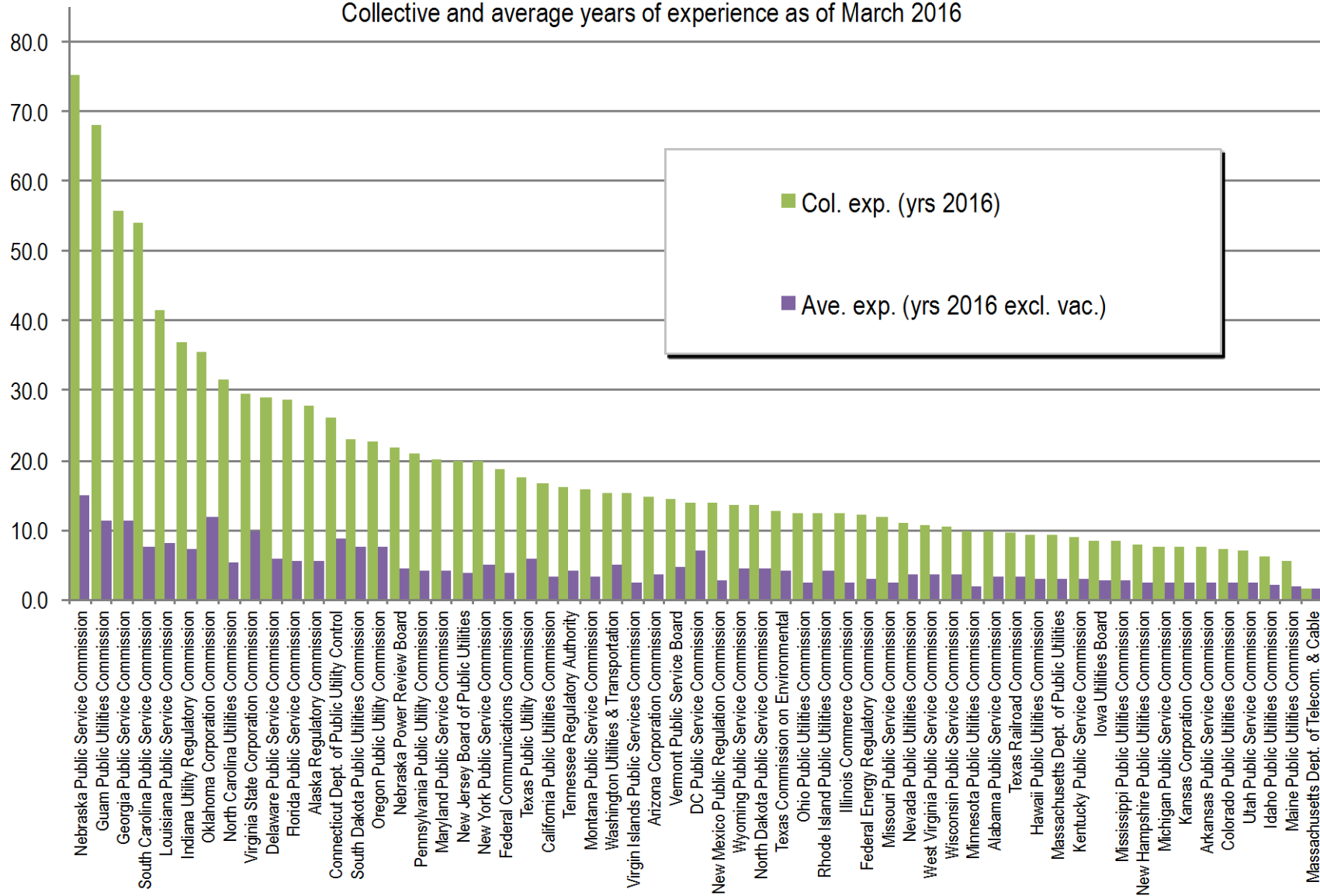


Exhibit 6. Collective and average years of experience by agency as of March 2016.