

# THE U.S. HEALTH WORKFORCE – STATE PROFILES

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U.S. Department of Health and Human Services  
Health Resources and Services Administration  
Bureau of Health Workforce  
National Center for Health Workforce Analysis



**HRSA**  
Health Resources & Services Administration

## **The U.S. Health Workforce - State Profiles**

### **Background**

*The U.S. Health Workforce - State Profiles* (State Profiles) complement [The U.S. Health Workforce Chartbook](#) (Chartbook) by providing state-level data for each of the 34 health occupations included in the Chartbook. The data in the State Profiles correspond to Chartbook information on number of graduates in each profession, total number of providers, and number per capita. The Chartbook and State Profiles were developed as part of the Health Resources and Services Administration's effort to make data on the U.S. health workforce more readily available to diverse users.

### **Data Table Content**

The data tables in the State Profiles are organized alphabetically for the 50 U.S. States. For each State, estimates are provided for the health workforce and 2015 graduates. Health workforce estimates include total number in an occupation, percent relative standard error (% RSE) of the estimate, and the ratio of individuals in each occupation per 100,000 working-age population. Total graduate data are also presented along with graduate-to-population ratios.

- Health workforce numbers are from HRSA's analysis of the U.S. Census Bureau, American Community Survey (ACS) Public Use Microdata Sample (PUMS), 2011-2015.
- The % RSE is a measure of statistical reliability based on sampling error. The % RSE is calculated by dividing the standard error by the estimate and multiplying the result by 100. Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution and % RSEs greater than or equal to 30 percent are not reported because they do not meet standards of reliability.
- The "working-age population" includes all individuals aged 16 and older employed in an occupation and individuals who are seeking employment.
- Workforce-to-population ratios are calculated using the working-age population figures from HRSA analysis of the ACS PUMS, 2011-2015.
- 2015 graduate numbers are from the U.S. Department of Education, National Center for Education Statistics Integrated Postsecondary Education Data System (IPEDS) for the 2014-2015 academic year. Details can be found in the [Chartbook Technical Documentation](#). No IPEDS data were available for message therapists; dispensing opticians; physical therapist assistants and aides; personal care aides; and nursing, psychiatric, and home health aides.
- Graduate-to-population ratios are calculated using the working-age population from HRSA analysis of the ACS PUMS, 2015.

### **References, Resources and Additional Information**

*The U.S. Health Workforce Chartbook*, released in 2018, can be found at <https://bhw.hrsa.gov/health-workforce-analysis/research>.

Details on the data sources, definitions, analysis, and other information provided in the State Profiles are available in *The U.S. Health Workforce Chartbook: Technical Documentation*, which can be found at <https://bhw.hrsa.gov/health-workforce-analysis/research>.

For more information about the National Center, e-mail us at [healthworkforcecenter@hrsa.gov](mailto:healthworkforcecenter@hrsa.gov), or visit our website at <https://bhw.hrsa.gov/national-center-health-workforce-analysis>.

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Occupation	Alabama				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	3,962	9.4	103.0	121	3.1
Dental Assistants	3,487	9.9	90.6	221	5.7
Dental Hygienists	3,806	9.4	98.9	38	1.0
Dentists	1,884	12.5	49.0	53	1.4
Diagnostic Related Technologists and Technicians	6,594	8.2	171.4	316	8.2
Dietitians and Nutritionists	1,870	12.4	48.6	180	4.7
Emergency Medical Technicians and Paramedics	3,773	10.7	98.1	791	20.6
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	12,157	4.7	316.0	532	13.8
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	14,709	4.9	382.3	696	18.1
Massage Therapists	1,486	16.3	38.6	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	6,321	7.8	164.3	141	3.7
Medical and Health Services Managers	8,963	6.5	233.0	525	13.6
Medical Assistants	7,123	7.9	185.2	1,052	27.3
Medical Records and Health Information Technicians	2,164	11.4	56.2	111	2.9
Medical Secretaries	12,024	5.7	312.5	NP	NP
Nurse Anesthetists	728	20.2	18.9	63	1.6
Nurse-Midwives and Nurse Practitioners	2,217	14.1	57.6	361	9.4
Nursing, Psychiatric, and Home Health Aides	40,888	3.2	1,062.8	NP	NP
Occupational Therapists	945	22.9	24.6	97	2.5
Opticians, Dispensing	676	26.5	17.6	NP	NP
Optometrists	634	18.3	16.5	42	1.1

Occupation	Alabama				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	17,341	5.1	450.8	NP	NP
Pharmacists	6,119	6.1	159.1	393	10.2
Physical Therapist Assistants and Aides	1,673	10.9	43.5	NP	NP
Physical Therapists	2,441	12.9	63.4	109	2.8
Physician Assistants	1,534	15.8	39.9	94	2.4
Physicians	11,008	6.1	286.1	255	6.6
Psychologists	1,289	16.2	33.5	1,785	46.4
Registered Nurses <sup>d</sup>	50,957	2.4	1324.5	5,717	148.6
Respiratory Therapists	2,172	12.0	56.5	109	2.8
Social Workers	5,402	7.6	140.4	731	19.0
Speech-Language Pathologists	1,768	15.0	46.0	369	9.6
Veterinarians	948	16.0	24.6	177	4.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Alaska				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,436	20.1	254.2	NA	NA
Dental Assistants	989	27.0	175.1	286	50.0
Dental Hygienists	NR	NR	NR	24	4.2
Dentists	456	26.7	80.7	NA	NA
Diagnostic Related Technologists and Technicians	721	23.3	127.6	27	4.7
Dietitians and Nutritionists	NR	NR	NR	14	2.4
Emergency Medical Technicians and Paramedics	1,349	18.9	238.8	5	0.9
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	1,983	15.5	351.1	166	29.0
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	984	24.3	174.2	14	2.4
Massage Therapists	732	27.7	129.6	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	867	23.4	153.5	17	3.0
Medical and Health Services Managers	1,566	19.1	277.2	24	4.2
Medical Assistants	1,131	20.5	200.2	757	132.5
Medical Records and Health Information Technicians	NR	NR	NR	49	8.6
Medical Secretaries	1,845	18.9	326.6	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	NR	NR	NR	NA	NA
Nursing, Psychiatric, and Home Health Aides	5,241	9.0	927.8	NP	NP
Occupational Therapists	NR	NR	NR	NA	NA
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Alaska				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	5,589	10.0	989.4	NP	NP
Pharmacists	770	22.9	136.3	NA	NA
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	627	26.6	111.0	NA	NA
Physician Assistants	457	27.3	80.9	NA	NA
Physicians	2,320	17.8	410.7	NA	NA
Psychologists	449	26.0	79.5	140	24.5
Registered Nurses <sup>d</sup>	6,613	8.4	1,170.7	175	31.0
Respiratory Therapists	NR	NR	NR	NA	NA
Social Workers	1,596	14.1	282.5	82	14.3
Speech-Language Pathologists	NR	NR	NR	NA	NA
Veterinarians	NR	NR	NR	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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NP: Graduate data is not available from IPEDS data.

Occupation	Arizona				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,447	16.1	27.8	NA	NA
Counselors	7,303	6.9	140.3	1,062	19.7
Dental Assistants	7,394	7.7	142.0	739	13.7
Dental Hygienists	4,167	9.4	80.0	198	3.7
Dentists	3,555	9.7	68.3	112	2.1
Diagnostic Related Technologists and Technicians	7,667	6.6	147.3	422	7.8
Dietitians and Nutritionists	1,732	12.2	33.3	21	0.4
Emergency Medical Technicians and Paramedics	4,866	8.4	93.5	1,776	32.9
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	15,567	4.3	299.0	1,819	33.7
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	9,089	5.3	174.6	676	12.5
Massage Therapists	5,646	9.0	108.4	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	7,314	8.1	140.5	269	5.0
Medical and Health Services Managers	13,357	5.0	256.5	3,946	73.2
Medical Assistants	13,969	5.2	268.3	2,457	45.6
Medical Records and Health Information Technicians	4,575	8.8	87.9	1,722	31.9
Medical Secretaries	13,278	5.1	255.0	NP	NP
Nurse Anesthetists	228	29.6	4.4	19	0.4
Nurse-Midwives and Nurse Practitioners	2,423	11.8	46.5	423	8.1
Nursing, Psychiatric, and Home Health Aides	33,652	3.5	646.3	NP	NP
Occupational Therapists	1,630	13.4	31.3	30	0.6
Opticians, Dispensing	1,412	14.0	27.1	NP	NP
Optometrists	721	25.0	13.8	43	0.8

Occupation	Arizona				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	42,224	3.0	811.0	NP	NP
Pharmacists	6,225	7.4	119.6	237	4.4
Physical Therapist Assistants and Aides	1,959	11.1	37.6	NP	NP
Physical Therapists	3,807	9.4	73.1	111	2.1
Physician Assistants	2,725	11.6	52.3	115	2.1
Physicians	17,359	4.5	333.4	430	8.0
Psychologists	3,706	8.6	71.2	2,984	55.3
Registered Nurses <sup>d</sup>	57,745	2.1	1,109.1	10,010	192.3
Respiratory Therapists	2,858	11.8	54.9	183	3.4
Social Workers	10,686	5.5	205.2	966	17.9
Speech-Language Pathologists	3,104	9.2	59.6	393	7.3
Veterinarians	1,576	11.9	30.3	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Arkansas				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	663	22.2	28.5	NA	NA
Counselors	2,535	11.6	108.8	172	7.3
Dental Assistants	3,172	10.8	136.2	143	6.1
Dental Hygienists	1,755	12.5	75.3	51	2.2
Dentists	1,430	15.7	61.4	NA	NA
Diagnostic Related Technologists and Technicians	3,219	9.5	138.2	306	13.0
Dietitians and Nutritionists	1,359	17.7	58.3	38	1.6
Emergency Medical Technicians and Paramedics	2,302	12.5	98.8	443	18.8
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	5,506	7.8	236.4	337	14.3
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	12,933	5.2	555.2	864	36.7
Massage Therapists	1,154	16.5	49.5	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	2,893	10.2	124.2	113	4.8
Medical and Health Services Managers	5,972	7.2	256.4	121	5.1
Medical Assistants	2,652	13.2	113.9	416	17.7
Medical Records and Health Information Technicians	1,815	14.0	77.9	222	9.4
Medical Secretaries	7,028	5.3	301.7	NP	NP
Nurse Anesthetists	342	25.9	14.7	44	1.9
Nurse-Midwives and Nurse Practitioners	1,034	17.5	44.4	4	0.2
Nursing, Psychiatric, and Home Health Aides	30,706	3.1	1,318.2	NP	NP
Occupational Therapists	878	18.2	37.7	49	2.1
Opticians, Dispensing	522	24.3	22.4	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Arkansas				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	13,102	4.8	562.5	NP	NP
Pharmacists	3,815	9.9	163.8	154	6.5
Physical Therapist Assistants and Aides	767	19.0	32.9	NP	NP
Physical Therapists	1,998	13.9	85.8	110	4.7
Physician Assistants	395	29.5	17.0	34	1.4
Physicians	5,940	7.4	255.0	151	6.4
Psychologists	1,208	19.4	51.9	895	38.1
Registered Nurses <sup>d</sup>	27,872	3.2	1,196.6	2,266	97.3
Respiratory Therapists	1,486	15.5	63.8	77	3.3
Social Workers	3,699	8.7	158.8	317	13.5
Speech-Language Pathologists	1,741	13.1	74.7	340	14.5
Veterinarians	651	24.7	27.9	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	California				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	7,870	5.8	26.0	238	0.8
Counselors	45,713	3.0	150.8	3,031	9.8
Dental Assistants	56,724	2.6	187.1	4,102	13.2
Dental Hygienists	16,917	4.3	55.8	742	2.4
Dentists	27,785	3.2	91.7	724	2.3
Diagnostic Related Technologists and Technicians	33,661	2.8	111.0	2,615	8.4
Dietitians and Nutritionists	10,130	5.3	33.4	886	2.9
Emergency Medical Technicians and Paramedics	22,829	3.9	75.3	2,387	7.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	65,377	1.8	215.7	5,421	17.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	71,818	2.3	236.9	5,695	18.3
Massage Therapists	31,779	3.4	104.8	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	38,375	2.7	126.6	294	0.9
Medical and Health Services Managers	74,579	2.1	246.0	3,173	10.2
Medical Assistants	85,808	1.9	283.1	12,423	40.0
Medical Records and Health Information Technicians	16,905	4.2	55.8	719	2.3
Medical Secretaries	66,832	2.1	220.5	NP	NP
Nurse Anesthetists	1,225	16.6	4.0	48	0.2
Nurse-Midwives and Nurse Practitioners	8,748	4.5	28.9	555	1.8
Nursing, Psychiatric, and Home Health Aides	203,654	1.2	671.8	NP	NP
Occupational Therapists	8,569	5.3	28.3	628	2.0
Opticians, Dispensing	6,978	6.0	23.0	NP	NP
Optometrists	4,847	7.1	16.0	247	0.8

Occupation	California				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	353,420	0.9	1,165.9	NP	NP
Pharmacists	32,289	3.3	106.5	878	2.8
Physical Therapist Assistants and Aides	8,835	6.0	29.1	NP	NP
Physical Therapists	22,431	3.7	74.0	1,135	3.7
Physician Assistants	11,646	4.7	38.4	429	1.4
Physicians	109,231	1.9	360.3	1,528	4.9
Psychologists	34,658	2.9	114.3	22,937	73.8
Registered Nurses <sup>d</sup>	304,332	1.0	1,003.9	14,058	46.4
Respiratory Therapists	14,713	4.8	48.5	1,328	4.3
Social Workers	75,044	2.1	247.6	4,490	14.5
Speech-Language Pathologists	14,401	4.3	47.5	1,632	5.3
Veterinarians	8,364	6.0	27.6	244	0.8

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Colorado				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,293	14.3	31.0	NA	NA
Counselors	8,856	6.4	212.5	111	2.6
Dental Assistants	6,780	7.2	162.7	608	14.0
Dental Hygienists	3,150	10.1	75.6	125	2.9
Dentists	3,764	7.3	90.3	116	2.7
Diagnostic Related Technologists and Technicians	5,765	7.4	138.3	216	5.0
Dietitians and Nutritionists	2,389	12.4	57.3	53	1.2
Emergency Medical Technicians and Paramedics	3,908	10.3	93.8	1,407	32.5
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	10,984	5.3	263.5	1,000	23.1
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	7,729	6.3	185.4	212	4.9
Massage Therapists	6,580	5.2	157.9	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	5,404	7.6	129.7	56	1.3
Medical and Health Services Managers	12,628	4.2	303.0	847	19.6
Medical Assistants	9,435	5.3	226.4	1,328	30.7
Medical Records and Health Information Technicians	2,659	9.5	63.8	163	3.8
Medical Secretaries	10,941	5.0	262.5	NP	NP
Nurse Anesthetists	385	27.9	9.2	NA	NA
Nurse-Midwives and Nurse Practitioners	2,358	11.8	56.6	149	3.6
Nursing, Psychiatric, and Home Health Aides	37,027	3.0	888.4	NP	NP
Occupational Therapists	2,251	10.7	54.0	48	1.1
Opticians, Dispensing	1,310	15.6	31.4	NP	NP
Optometrists	890	19.4	21.4	NA	NA

Occupation	Colorado				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	20,034	3.6	480.7	NP	NP
Pharmacists	5,102	7.4	122.4	250	5.8
Physical Therapist Assistants and Aides	1,073	16.8	25.7	NP	NP
Physical Therapists	4,909	7.3	117.8	146	3.4
Physician Assistants	3,348	9.8	80.3	73	1.7
Physicians	16,101	3.6	386.3	303	7.0
Psychologists	5,126	7.3	123.0	2,916	67.3
Registered Nurses <sup>d</sup>	47,842	2.6	1,147.9	2,702	64.8
Respiratory Therapists	1,281	15.3	30.7	82	1.9
Social Workers	8,615	5.4	206.7	709	16.4
Speech-Language Pathologists	2,847	10.1	68.3	185	4.3
Veterinarians	2,380	11.5	57.1	126	2.9

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Connecticut				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	712	25.1	24.5	28	1.0
Counselors	6,443	6.3	221.6	217	7.4
Dental Assistants	4,382	7.8	150.7	428	14.6
Dental Hygienists	2,777	9.0	95.5	217	7.4
Dentists	2,943	8.7	101.2	45	1.5
Diagnostic Related Technologists and Technicians	4,103	8.9	141.1	226	7.7
Dietitians and Nutritionists	1,216	14.6	41.8	73	2.5
Emergency Medical Technicians and Paramedics	2,674	10.6	92.0	20	0.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	7,198	6.7	247.6	513	17.5
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	10,717	5.6	368.7	591	20.2
Massage Therapists	1,901	12.6	65.4	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	4,257	8.5	146.4	38	1.3
Medical and Health Services Managers	9,641	5.3	331.7	141	4.8
Medical Assistants	8,006	6.0	275.4	1,406	48.1
Medical Records and Health Information Technicians	1,821	14.2	62.6	46	1.6
Medical Secretaries	12,864	5.1	442.5	NP	NP
Nurse Anesthetists	NR	NR	NR	36	1.2
Nurse-Midwives and Nurse Practitioners	1,754	11.4	60.3	114	3.9
Nursing, Psychiatric, and Home Health Aides	41,431	3.0	1,425.2	NP	NP
Occupational Therapists	1,517	10.7	52.2	124	4.2
Opticians, Dispensing	944	20.3	32.5	NP	NP
Optometrists	325	22.0	11.2	NA	NA

Occupation	Connecticut				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	18,373	4.2	632.0	NP	NP
Pharmacists	3,148	10.7	108.3	265	9.1
Physical Therapist Assistants and Aides	1,008	16.6	34.7	NP	NP
Physical Therapists	4,037	7.8	138.9	210	7.2
Physician Assistants	1,900	13.6	65.4	134	4.6
Physicians	14,849	4.3	510.8	201	6.9
Psychologists	4,331	6.7	149.0	2,054	70.2
Registered Nurses <sup>d</sup>	37,048	2.7	1,274.5	1,967	67.7
Respiratory Therapists	962	16.4	33.1	56	1.9
Social Workers	10,434	5.2	358.9	637	21.8
Speech-Language Pathologists	2,147	9.0	73.9	186	6.4
Veterinarians	1,200	17.0	41.3	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Delaware				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,530	14.9	205.3	71	9.3
Dental Assistants	1,192	19.9	159.9	79	10.3
Dental Hygienists	623	26.9	83.6	21	2.7
Dentists	458	25.8	61.5	NA	NA
Diagnostic Related Technologists and Technicians	1,271	17.3	170.5	47	6.1
Dietitians and Nutritionists	509	23.2	68.3	64	8.4
Emergency Medical Technicians and Paramedics	766	18.2	102.8	11	1.4
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	1,656	14.5	222.2	88	11.5
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	2,739	12.2	367.5	50	6.5
Massage Therapists	470	29.0	63.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,177	17.1	157.9	52	6.8
Medical and Health Services Managers	2,215	10.6	297.2	219	28.6
Medical Assistants	1,912	12.8	256.5	523	68.4
Medical Records and Health Information Technicians	532	26.6	71.4	19	2.5
Medical Secretaries	3,029	10.6	406.4	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	244	27.6	32.7	465	62.4
Nursing, Psychiatric, and Home Health Aides	8,160	7.5	1,094.9	NP	NP
Occupational Therapists	572	29.4	76.7	NA	NA
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Delaware				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	2,742	12.0	367.9	NP	NP
Pharmacists	1,107	15.0	148.5	NA	NA
Physical Therapist Assistants and Aides	352	26.8	47.2	NP	NP
Physical Therapists	637	19.0	85.5	80	10.5
Physician Assistants	281	23.7	37.7	NA	NA
Physicians	2,423	10.1	325.1	NA	NA
Psychologists	650	21.4	87.2	368	48.1
Registered Nurses <sup>d</sup>	10,797	5.1	1,448.7	629	84.4
Respiratory Therapists	NR	NR	NR	NA	NA
Social Workers	2,128	12.3	285.5	76	9.9
Speech-Language Pathologists	NR	NR	NR	NA	NA
Veterinarians	NR	NR	NR	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	District of Columbia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,431	13.4	261.6	46	8.2
Dental Assistants	NR	NR	NR	NA	NA
Dental Hygienists	NR	NR	NR	7	1.2
Dentists	274	27.0	50.1	81	14.4
Diagnostic Related Technologists and Technicians	376	27.4	68.7	10	1.8
Dietitians and Nutritionists	NR	NR	NR	NA	NA
Emergency Medical Technicians and Paramedics	NR	NR	NR	7	1.2
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	661	19.5	120.8	36	6.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	727	18.7	132.9	17	3.0
Massage Therapists	NR	NR	NR	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	516	25.1	94.3	870	154.4
Medical and Health Services Managers	1,757	11.7	321.2	196	34.8
Medical Assistants	449	23.5	82.1	40	7.1
Medical Records and Health Information Technicians	NR	NR	NR	1	0.2
Medical Secretaries	1,014	16.6	185.4	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	279	23.5	51.0	132	24.1
Nursing, Psychiatric, and Home Health Aides	5,488	7.8	1,003.3	NP	NP
Occupational Therapists	NR	NR	NR	35	6.2
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	District of Columbia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	1,515	15.6	277.0	NP	NP
Pharmacists	206	27.9	37.7	67	11.9
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	526	24.8	96.2	52	9.2
Physician Assistants	NR	NR	NR	90	16.0
Physicians	3,619	9.7	661.6	446	79.2
Psychologists	853	16.3	155.9	778	138.1
Registered Nurses <sup>d</sup>	2,115	12.6	386.7	887	162.2
Respiratory Therapists	NR	NR	NR	NA	NA
Social Workers	1,655	13.4	302.6	259	46.0
Speech-Language Pathologists	338	26.4	61.8	83	14.7
Veterinarians	NR	NR	NR	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

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<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

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NP: Graduate data is not available from IPEDS data.

Occupation	Florida				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	3,335	9.1	20.7	NA	NA
Counselors	16,606	4.5	103.3	696	4.2
Dental Assistants	19,108	4.8	118.8	1,735	10.4
Dental Hygienists	10,881	5.0	67.7	440	2.6
Dentists	9,953	6.2	61.9	207	1.2
Diagnostic Related Technologists and Technicians	25,673	4.0	159.7	2,446	14.7
Dietitians and Nutritionists	6,156	6.5	38.3	408	2.5
Emergency Medical Technicians and Paramedics	13,215	5.1	82.2	4,537	27.3
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	46,750	2.7	290.8	2,793	16.8
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	56,491	2.2	351.3	2,363	14.2
Massage Therapists	17,463	4.3	108.6	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	21,885	3.4	136.1	514	3.1
Medical and Health Services Managers	43,532	2.5	270.7	2,856	17.2
Medical Assistants	43,535	2.7	270.8	5,557	33.4
Medical Records and Health Information Technicians	11,887	4.7	73.9	1,299	7.8
Medical Secretaries	50,546	2.2	314.4	NP	NP
Nurse Anesthetists	2,212	10.9	13.8	208	1.2
Nurse-Midwives and Nurse Practitioners	7,268	7.3	45.2	653	4.1
Nursing, Psychiatric, and Home Health Aides	168,741	1.5	1,049.5	NP	NP
Occupational Therapists	5,307	7.5	33.0	282	1.7
Opticians, Dispensing	4,512	9.3	28.1	NP	NP
Optometrists	2,336	9.8	14.5	95	0.6

Occupation	Florida				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	49,387	2.7	307.2	NP	NP
Pharmacists	21,439	4.1	133.3	874	5.3
Physical Therapist Assistants and Aides	5,408	8.2	33.6	NP	NP
Physical Therapists	13,604	4.8	84.6	477	2.9
Physician Assistants	9,278	6.8	57.7	516	3.1
Physicians	58,213	2.1	362.1	1,015	6.1
Psychologists	10,283	5.3	64.0	7,894	47.4
Registered Nurses <sup>d</sup>	187,642	1.2	1,167.0	15,713	97.7
Respiratory Therapists	7,791	6.8	48.5	431	2.6
Social Workers	26,821	3.2	166.8	2,113	12.7
Speech-Language Pathologists	9,384	5.5	58.4	1,127	6.8
Veterinarians	4,565	8.6	28.4	101	0.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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Occupation	Georgia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	2,152	10.1	27.6	346	4.3
Counselors	9,371	6.1	120.3	280	3.5
Dental Assistants	8,917	6.0	114.4	619	7.7
Dental Hygienists	6,026	6.9	77.3	237	3.0
Dentists	3,931	8.3	50.5	88	1.1
Diagnostic Related Technologists and Technicians	10,115	5.4	129.8	679	8.5
Dietitians and Nutritionists	3,808	9.7	48.9	97	1.2
Emergency Medical Technicians and Paramedics	7,029	6.9	90.2	1,418	17.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	19,899	4.5	255.4	1,152	14.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	27,595	3.2	354.2	940	11.8
Massage Therapists	3,904	9.4	50.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	11,361	4.9	145.8	246	3.1
Medical and Health Services Managers	18,107	4.2	232.4	829	10.4
Medical Assistants	17,496	3.9	224.5	2,341	29.3
Medical Records and Health Information Technicians	4,351	9.2	55.8	443	5.5
Medical Secretaries	21,468	3.7	275.5	NP	NP
Nurse Anesthetists	594	20.3	7.6	19	0.2
Nurse-Midwives and Nurse Practitioners	4,053	7.6	52.0	694	8.9
Nursing, Psychiatric, and Home Health Aides	67,279	2.3	863.5	NP	NP
Occupational Therapists	2,719	11.4	34.9	142	1.8
Opticians, Dispensing	1,720	11.8	22.1	NP	NP
Optometrists	800	15.4	10.3	NA	NA

Occupation	Georgia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	23,426	3.9	300.7	NP	NP
Pharmacists	8,505	6.4	109.2	359	4.5
Physical Therapist Assistants and Aides	1,508	15.5	19.4	NP	NP
Physical Therapists	5,555	8.1	71.3	249	3.1
Physician Assistants	4,260	7.7	54.7	220	2.8
Physicians	22,804	3.8	292.7	505	6.3
Psychologists	4,656	9.3	59.8	3,425	42.8
Registered Nurses <sup>d</sup>	84,957	2.0	1,090.3	4,827	62.0
Respiratory Therapists	3,585	8.5	46.0	203	2.5
Social Workers	11,080	5.5	142.2	888	11.1
Speech-Language Pathologists	3,479	9.1	44.6	305	3.8
Veterinarians	1,944	12.0	24.9	100	1.3

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Hawaii				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,465	12.6	129.4	21	1.8
Dental Assistants	2,221	14.2	196.2	3	0.3
Dental Hygienists	859	17.8	75.9	30	2.6
Dentists	1,071	19.9	94.6	NA	NA
Diagnostic Related Technologists and Technicians	1,387	13.2	122.6	12	1.1
Dietitians and Nutritionists	460	20.6	40.6	NA	NA
Emergency Medical Technicians and Paramedics	1,272	14.9	112.4	16	1.4
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	2,694	10.0	238.0	126	10.9
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	2,139	12.3	189.0	113	9.8
Massage Therapists	2,048	14.9	181.0	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,723	13.3	152.2	21	1.8
Medical and Health Services Managers	3,010	10.1	266.0	30	2.6
Medical Assistants	2,984	10.4	263.7	285	24.8
Medical Records and Health Information Technicians	614	20.6	54.3	15	1.3
Medical Secretaries	2,360	10.9	208.5	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	NR	NR	NR	13	1.1
Nursing, Psychiatric, and Home Health Aides	7,946	5.8	702.1	NP	NP
Occupational Therapists	461	24.8	40.7	NA	NA
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Hawaii				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	4,230	7.1	373.8	NP	NP
Pharmacists	1,042	15.9	92.1	180	15.6
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	928	17.1	82.0	NA	NA
Physician Assistants	481	27.3	42.5	NA	NA
Physicians	4,878	6.5	431.0	66	5.7
Psychologists	981	16.3	86.7	565	49.1
Registered Nurses <sup>d</sup>	13,462	4.7	1,189.5	747	66.0
Respiratory Therapists	611	26.5	54.0	24	2.1
Social Workers	2,168	12.0	191.6	200	17.4
Speech-Language Pathologists	644	22.0	56.9	NA	NA
Veterinarians	503	29.7	44.4	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE  $\geq$  30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Idaho				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	2,799	10.6	226.9	50	3.9
Dental Assistants	1,749	13.1	141.8	120	9.4
Dental Hygienists	1,124	17.5	91.1	99	7.8
Dentists	1,074	18.1	87.1	NA	NA
Diagnostic Related Technologists and Technicians	2,125	14.0	172.3	94	7.4
Dietitians and Nutritionists	NR	NR	NR	19	1.5
Emergency Medical Technicians and Paramedics	901	22.0	73.0	46	3.6
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	4,231	10.5	343.0	232	18.2
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	3,415	12.3	276.8	216	16.9
Massage Therapists	1,823	14.1	147.8	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,365	15.3	110.7	31	2.4
Medical and Health Services Managers	3,497	11.3	283.5	95	7.5
Medical Assistants	2,763	9.3	224.0	262	20.6
Medical Records and Health Information Technicians	844	18.7	68.4	21	1.6
Medical Secretaries	4,109	8.6	333.1	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	630	21.1	51.1	NA	NA
Nursing, Psychiatric, and Home Health Aides	14,572	4.6	1,181.3	NP	NP
Occupational Therapists	587	28.6	47.6	10	0.8
Opticians, Dispensing	511	28.1	41.4	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Idaho				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	10,969	5.9	889.2	NP	NP
Pharmacists	1,454	16.8	117.9	88	6.9
Physical Therapist Assistants and Aides	474	25.0	38.4	NP	NP
Physical Therapists	1,159	18.0	94.0	32	2.5
Physician Assistants	863	19.1	70.0	58	4.5
Physicians	3,514	9.9	284.9	NA	NA
Psychologists	607	20.0	49.2	605	47.5
Registered Nurses <sup>d</sup>	13,634	5.2	1,105.3	1,191	96.5
Respiratory Therapists	635	20.9	51.5	100	7.8
Social Workers	2,397	11.4	194.3	429	33.7
Speech-Language Pathologists	938	21.8	76.0	76	6.0
Veterinarians	711	26.0	57.6	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Illinois				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	2,959	9.9	29.0	117	1.1
Counselors	14,004	4.4	137.2	522	5.1
Dental Assistants	12,376	5.9	121.3	395	3.9
Dental Hygienists	6,851	6.7	67.1	293	2.9
Dentists	7,730	5.6	75.7	274	2.7
Diagnostic Related Technologists and Technicians	13,842	4.6	135.6	1,000	9.8
Dietitians and Nutritionists	4,289	6.2	42.0	241	2.4
Emergency Medical Technicians and Paramedics	8,389	5.9	82.2	1,194	11.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	27,715	3.3	271.6	1,095	10.7
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	27,944	3.0	273.8	1,592	15.5
Massage Therapists	7,015	6.2	68.7	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	14,532	4.7	142.4	185	1.8
Medical and Health Services Managers	26,020	3.2	255.0	777	7.6
Medical Assistants	18,142	4.2	177.8	2,453	23.9
Medical Records and Health Information Technicians	6,191	7.8	60.7	1,089	10.6
Medical Secretaries	29,981	3.0	293.8	NP	NP
Nurse Anesthetists	1,170	16.4	11.5	79	0.8
Nurse-Midwives and Nurse Practitioners	3,634	9.1	35.6	385	3.8
Nursing, Psychiatric, and Home Health Aides	113,283	1.8	1,110.1	NP	NP
Occupational Therapists	5,059	8.6	49.6	171	1.7
Opticians, Dispensing	2,354	13.3	23.1	NP	NP
Optometrists	1,601	13.3	15.7	154	1.5

Occupation	Illinois				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	67,026	2.1	656.8	NP	NP
Pharmacists	12,894	4.1	126.4	663	6.5
Physical Therapist Assistants and Aides	4,445	10.1	43.6	NP	NP
Physical Therapists	11,776	5.5	115.4	330	3.2
Physician Assistants	3,741	8.7	36.7	284	2.8
Physicians	39,083	3.2	383.0	1,271	12.4
Psychologists	9,375	6.2	91.9	6,109	59.6
Registered Nurses <sup>d</sup>	128,953	1.4	1,263.6	12,876	126.2
Respiratory Therapists	5,258	7.8	51.5	243	2.4
Social Workers	22,998	3.7	225.4	2,527	24.7
Speech-Language Pathologists	7,973	5.0	78.1	916	8.9
Veterinarians	2,640	11.8	25.9	121	1.2

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Indiana				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	531	22.7	10.3	NA	NA
Counselors	5,194	7.7	100.7	144	2.8
Dental Assistants	6,428	6.9	124.6	525	10.1
Dental Hygienists	4,674	8.1	90.6	175	3.4
Dentists	2,993	8.6	58.0	121	2.3
Diagnostic Related Technologists and Technicians	7,659	5.1	148.4	449	8.6
Dietitians and Nutritionists	1,988	11.8	38.5	113	2.2
Emergency Medical Technicians and Paramedics	4,973	8.1	96.4	146	2.8
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	15,350	4.7	297.5	1,168	22.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	20,604	4.0	399.3	679	13.0
Massage Therapists	2,856	9.9	55.3	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	7,877	7.3	152.6	201	3.9
Medical and Health Services Managers	13,985	4.5	271.0	498	9.5
Medical Assistants	12,310	5.6	238.6	1,972	37.8
Medical Records and Health Information Technicians	3,228	9.6	62.6	602	11.5
Medical Secretaries	16,673	3.4	323.1	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	2,817	9.8	54.6	446	8.6
Nursing, Psychiatric, and Home Health Aides	59,251	2.2	1,148.2	NP	NP
Occupational Therapists	2,214	11.7	42.9	125	2.4
Opticians, Dispensing	1,446	14.0	28.0	NP	NP
Optometrists	942	13.4	18.3	75	1.5

Occupation	Indiana				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	22,952	4.2	444.8	NP	NP
Pharmacists	6,488	7.0	125.7	301	5.8
Physical Therapist Assistants and Aides	1,802	12.1	34.9	NP	NP
Physical Therapists	4,795	7.7	92.9	144	2.8
Physician Assistants	1,764	13.0	34.2	159	3.0
Physicians	15,615	4.4	302.6	315	6.0
Psychologists	2,672	12.7	51.8	2,546	48.8
Registered Nurses <sup>d</sup>	72,618	2.0	1,407.2	7,227	140.0
Respiratory Therapists	3,002	10.0	58.2	173	3.3
Social Workers	11,259	4.7	218.2	878	16.8
Speech-Language Pathologists	2,572	11.3	49.8	546	10.5
Veterinarians	1,622	14.7	31.4	83	1.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Iowa				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,105	16.2	45.1	653	26.4
Counselors	3,805	11.2	155.5	40	1.6
Dental Assistants	3,061	9.3	125.1	225	9.1
Dental Hygienists	1,498	13.2	61.2	93	3.8
Dentists	2,003	14.0	81.8	86	3.5
Diagnostic Related Technologists and Technicians	3,991	11.0	163.1	255	10.3
Dietitians and Nutritionists	1,058	16.5	43.2	423	17.1
Emergency Medical Technicians and Paramedics	1,056	16.8	43.1	360	14.5
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	7,199	7.6	294.1	317	12.8
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	8,695	5.9	355.3	1,057	42.7
Massage Therapists	1,373	14.7	56.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	3,771	10.0	154.1	92	3.7
Medical and Health Services Managers	6,815	7.1	278.4	777	31.4
Medical Assistants	3,591	10.7	146.7	756	30.5
Medical Records and Health Information Technicians	1,435	13.7	58.6	242	9.8
Medical Secretaries	8,289	5.5	338.7	NP	NP
Nurse Anesthetists	NR	NR	NR	10	0.4
Nurse-Midwives and Nurse Practitioners	1,047	18.4	42.8	492	20.1
Nursing, Psychiatric, and Home Health Aides	32,575	3.4	1,331.0	NP	NP
Occupational Therapists	921	24.3	37.6	31	1.3
Opticians, Dispensing	903	25.0	36.9	NP	NP
Optometrists	629	25.7	25.7	NA	NA

Occupation	Iowa				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	14,437	5.0	589.9	NP	NP
Pharmacists	3,746	10.2	153.1	204	8.2
Physical Therapist Assistants and Aides	1,268	18.2	51.8	NP	NP
Physical Therapists	1,993	13.3	81.4	173	7.0
Physician Assistants	1,391	17.9	56.8	84	3.4
Physicians	8,349	7.1	341.1	360	14.5
Psychologists	1,336	15.4	54.6	2,340	94.5
Registered Nurses <sup>d</sup>	34,617	3.1	1,414.4	3,694	150.9
Respiratory Therapists	889	21.5	36.3	65	2.6
Social Workers	6,492	8.3	265.3	410	16.6
Speech-Language Pathologists	927	18.7	37.9	233	9.4
Veterinarians	1,091	16.8	44.6	147	5.9

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Kansas				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	780	15.9	34.7	118	5.2
Counselors	2,891	12.5	128.7	77	3.4
Dental Assistants	2,982	9.7	132.7	158	7.0
Dental Hygienists	1,681	14.5	74.8	84	3.7
Dentists	1,436	14.0	63.9	NA	NA
Diagnostic Related Technologists and Technicians	3,514	10.7	156.4	253	11.1
Dietitians and Nutritionists	905	18.1	40.3	90	4.0
Emergency Medical Technicians and Paramedics	1,561	15.7	69.5	285	12.5
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	6,555	7.4	291.7	362	15.9
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	9,461	6.2	421.0	1,005	44.2
Massage Therapists	1,342	16.0	59.7	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	4,325	8.1	192.5	73	3.2
Medical and Health Services Managers	6,783	7.1	301.9	436	19.2
Medical Assistants	3,976	10.6	176.9	534	23.5
Medical Records and Health Information Technicians	1,740	12.0	77.4	136	6.0
Medical Secretaries	7,017	6.7	312.3	NP	NP
Nurse Anesthetists	566	22.1	25.2	25	1.1
Nurse-Midwives and Nurse Practitioners	1,374	13.3	61.1	56	2.5
Nursing, Psychiatric, and Home Health Aides	33,452	3.0	1,488.7	NP	NP
Occupational Therapists	1,329	18.5	59.1	76	3.3
Opticians, Dispensing	586	25.3	26.1	NP	NP
Optometrists	741	23.2	33.0	NA	NA

Occupation	Kansas				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	11,571	5.1	514.9	NP	NP
Pharmacists	2,638	11.2	117.4	286	12.6
Physical Therapist Assistants and Aides	864	18.6	38.5	NP	NP
Physical Therapists	1,777	13.6	79.1	121	5.3
Physician Assistants	1,132	15.4	50.4	47	2.1
Physicians	8,912	6.4	396.6	189	8.3
Psychologists	1,615	12.1	71.9	1,093	48.1
Registered Nurses <sup>d</sup>	33,102	2.6	1,473.2	2,506	111.5
Respiratory Therapists	1,313	17.3	58.4	88	3.9
Social Workers	6,659	7.5	296.3	674	29.7
Speech-Language Pathologists	1,965	10.0	87.4	207	9.1
Veterinarians	1,065	12.8	47.4	113	5.0

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Kentucky				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	588	23.6	16.8	NA	NA
Counselors	3,971	7.9	113.6	90	2.5
Dental Assistants	4,738	9.0	135.6	248	7.0
Dental Hygienists	2,788	9.7	79.8	143	4.0
Dentists	2,546	10.8	72.9	167	4.7
Diagnostic Related Technologists and Technicians	6,429	5.9	184.0	416	11.8
Dietitians and Nutritionists	1,548	14.3	44.3	14	0.4
Emergency Medical Technicians and Paramedics	4,197	8.3	120.1	166	4.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	12,531	4.6	358.6	779	22.0
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	13,367	5.8	382.5	3,516	99.5
Massage Therapists	1,768	13.0	50.6	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	5,256	6.8	150.4	436	12.3
Medical and Health Services Managers	9,320	4.5	266.7	183	5.2
Medical Assistants	6,553	6.8	187.5	1,026	29.0
Medical Records and Health Information Technicians	3,017	10.4	86.3	117	3.3
Medical Secretaries	9,948	5.5	284.7	NP	NP
Nurse Anesthetists	568	23.1	16.3	NA	NA
Nurse-Midwives and Nurse Practitioners	2,062	10.2	59.0	600	17.2
Nursing, Psychiatric, and Home Health Aides	38,829	3.1	1,111.2	NP	NP
Occupational Therapists	1,748	13.1	50.0	192	5.4
Opticians, Dispensing	840	18.0	24.0	NP	NP
Optometrists	385	23.2	11.0	NA	NA

Occupation	Kentucky				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	15,926	4.7	455.8	NP	NP
Pharmacists	4,679	7.5	133.9	128	3.6
Physical Therapist Assistants and Aides	1,897	11.0	54.3	NP	NP
Physical Therapists	3,081	8.3	88.2	127	3.6
Physician Assistants	1,648	12.7	47.2	84	2.4
Physicians	11,501	5.0	329.1	330	9.3
Psychologists	1,729	12.2	49.5	1,767	50.0
Registered Nurses <sup>d</sup>	48,159	2.5	1,378.2	3,456	98.9
Respiratory Therapists	2,680	10.5	76.7	211	6.0
Social Workers	8,208	5.3	234.9	1,251	35.4
Speech-Language Pathologists	2,386	11.4	68.3	336	9.5
Veterinarians	1,504	14.8	43.0	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Louisiana				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	4,299	10.3	118.3	209	5.7
Dental Assistants	4,679	9.8	128.8	464	12.6
Dental Hygienists	2,159	12.8	59.4	79	2.1
Dentists	2,075	12.2	57.1	63	1.7
Diagnostic Related Technologists and Technicians	6,518	7.6	179.4	341	9.3
Dietitians and Nutritionists	1,823	11.6	50.2	76	2.1
Emergency Medical Technicians and Paramedics	3,327	11.2	91.6	361	9.8
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	11,292	6.5	310.8	677	18.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	19,942	3.8	548.9	1,558	42.4
Massage Therapists	1,805	14.1	49.7	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	6,532	7.1	179.8	297	8.1
Medical and Health Services Managers	9,892	6.4	272.3	292	8.0
Medical Assistants	6,265	8.1	172.4	2,061	56.0
Medical Records and Health Information Technicians	2,973	10.2	81.8	137	3.7
Medical Secretaries	10,885	5.6	299.6	NP	NP
Nurse Anesthetists	862	18.1	23.7	66	1.8
Nurse-Midwives and Nurse Practitioners	1,571	14.0	43.2	118	3.2
Nursing, Psychiatric, and Home Health Aides	46,146	2.8	1,270.1	NP	NP
Occupational Therapists	1,528	14.0	42.1	51	1.4
Opticians, Dispensing	756	19.4	20.8	NP	NP
Optometrists	548	24.0	15.1	NA	NA

Occupation	Louisiana				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	27,763	3.1	764.1	NP	NP
Pharmacists	4,500	9.4	123.9	248	6.7
Physical Therapist Assistants and Aides	1,591	19.3	43.8	NP	NP
Physical Therapists	3,315	10.4	91.2	67	1.8
Physician Assistants	1,425	17.8	39.2	96	2.6
Physicians	13,134	5.1	361.5	474	12.9
Psychologists	1,629	12.3	44.8	1,485	40.4
Registered Nurses <sup>d</sup>	43,685	2.8	1,202	2,770	76.2
Respiratory Therapists	2,342	10.6	64.5	75	2.0
Social Workers	7,381	6.4	203.1	566	15.4
Speech-Language Pathologists	2,678	10.2	73.7	422	11.5
Veterinarians	875	16.6	24.1	84	2.3

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.



Occupation	Maine				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	2,360	10.5	214.6	73	6.6
Dental Assistants	995	22.3	90.5	25	2.3
Dental Hygienists	1,283	16.9	116.7	71	6.4
Dentists	669	22.5	60.8	NA	NA
Diagnostic Related Technologists and Technicians	2,390	14.0	217.3	94	8.5
Dietitians and Nutritionists	NR	NR	NR	6	0.5
Emergency Medical Technicians and Paramedics	1,240	18.2	112.8	39	3.5
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	4,702	11.3	427.6	175	15.9
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	2,209	12.8	200.9	NA	NA
Massage Therapists	1,397	16.0	127.0	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	2,359	13.5	214.5	42	3.8
Medical and Health Services Managers	4,008	10.4	364.5	77	7.0
Medical Assistants	3,590	10.2	326.5	484	43.7
Medical Records and Health Information Technicians	961	23.2	87.4	51	4.6
Medical Secretaries	5,272	9.2	479.4	NP	NP
Nurse Anesthetists	NR	NR	NR	30	2.7
Nurse-Midwives and Nurse Practitioners	829	18.3	75.4	115	10.5
Nursing, Psychiatric, and Home Health Aides	15,965	4.4	1,451.9	NP	NP
Occupational Therapists	536	22.5	48.7	104	9.4
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Maine				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	11,092	6.6	1,008.7	NP	NP
Pharmacists	1,434	17.7	130.4	165	14.9
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	1,759	15.3	160.0	99	9.0
Physician Assistants	664	20.2	60.4	46	4.2
Physicians	4,536	8.3	412.5	113	10.2
Psychologists	1,211	21.4	110.1	474	42.8
Registered Nurses <sup>d</sup>	16,438	4.7	1,494.9	676	61.5
Respiratory Therapists	374	24.6	34.0	25	2.3
Social Workers	4,653	9.1	423.1	465	42.0
Speech-Language Pathologists	913	17.3	83.0	41	3.7
Veterinarians	598	29.1	54.4	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Maryland				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	613	18.8	12.9	NA	NA
Counselors	9,666	6.9	204.0	355	7.4
Dental Assistants	6,362	7.5	134.2	246	5.1
Dental Hygienists	3,313	9.5	69.9	99	2.1
Dentists	5,180	8.5	109.3	127	2.6
Diagnostic Related Technologists and Technicians	7,378	7.1	155.7	262	5.4
Dietitians and Nutritionists	2,271	12.7	47.9	51	1.1
Emergency Medical Technicians and Paramedics	3,284	8.3	69.3	225	4.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	13,994	4.7	295.3	500	10.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	14,225	4.8	300.2	249	5.2
Massage Therapists	3,008	9.9	63.5	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	9,549	5.3	201.5	109	2.3
Medical and Health Services Managers	17,016	4.1	359.1	619	12.9
Medical Assistants	10,233	6.0	215.9	858	17.8
Medical Records and Health Information Technicians	2,958	10.4	62.4	161	3.3
Medical Secretaries	17,739	3.8	374.3	NP	NP
Nurse Anesthetists	430	23.5	9.1	NA	NA
Nurse-Midwives and Nurse Practitioners	3,061	10.4	64.6	53	1.1
Nursing, Psychiatric, and Home Health Aides	50,622	2.8	1,068.2	NP	NP
Occupational Therapists	2,469	9.8	52.1	164	3.4
Opticians, Dispensing	924	15.4	19.5	NP	NP
Optometrists	485	22.2	10.2	NA	NA

Occupation	Maryland				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	18,134	4.4	382.7	NP	NP
Pharmacists	6,295	6.9	132.8	273	5.7
Physical Therapist Assistants and Aides	2,123	11.1	44.8	NP	NP
Physical Therapists	5,588	7.7	117.9	89	1.8
Physician Assistants	2,790	8.8	58.9	101	2.1
Physicians	25,901	3.5	546.5	270	5.6
Psychologists	5,692	5.9	120.1	2,700	56.1
Registered Nurses <sup>d</sup>	64,733	2.0	1,366.0	3,457	72.9
Respiratory Therapists	2,047	12.0	43.2	123	2.6
Social Workers	14,345	4.8	302.7	944	19.6
Speech-Language Pathologists	2,901	9.9	61.2	394	8.2
Veterinarians	2,205	12.4	46.5	31	0.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	Massachusetts				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	967	18.7	17.6	NA	NA
Counselors	14,411	4.4	262.9	518	9.3
Dental Assistants	7,630	5.7	139.2	199	3.6
Dental Hygienists	5,337	6.1	97.4	230	4.1
Dentists	5,023	8.4	91.6	450	8.1
Diagnostic Related Technologists and Technicians	8,344	5.6	152.2	371	6.6
Dietitians and Nutritionists	2,776	9.1	50.6	83	1.5
Emergency Medical Technicians and Paramedics	5,121	7.8	93.4	101	1.8
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	14,129	4.1	257.8	880	15.8
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	15,787	3.6	288.0	762	13.6
Massage Therapists	4,851	7.0	88.5	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	11,978	5.3	218.5	272	5.0
Medical and Health Services Managers	20,587	3.7	375.6	572	10.2
Medical Assistants	13,951	4.4	254.5	1,392	24.9
Medical Records and Health Information Technicians	4,205	8.3	76.7	105	1.9
Medical Secretaries	28,197	2.8	514.4	NP	NP
Nurse Anesthetists	603	18.4	11.0	74	1.3
Nurse-Midwives and Nurse Practitioners	4,641	7.5	84.7	644	11.7
Nursing, Psychiatric, and Home Health Aides	74,466	1.9	1,358.5	NP	NP
Occupational Therapists	3,783	8.4	69.0	357	6.4
Opticians, Dispensing	1,445	12.5	26.4	NP	NP
Optometrists	1,096	14.7	20.0	123	2.2

Occupation	Massachusetts				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	36,760	3.2	670.6	NP	NP
Pharmacists	7,486	6.0	136.6	1,098	19.7
Physical Therapist Assistants and Aides	2,339	13.3	42.7	NP	NP
Physical Therapists	7,533	6.7	137.4	603	10.8
Physician Assistants	2,691	9.4	49.1	346	6.2
Physicians	32,261	2.4	588.5	637	11.4
Psychologists	9,544	4.5	174.1	5,803	103.9
Registered Nurses <sup>d</sup>	80,303	1.8	1,465.0	4,606	84.0
Respiratory Therapists	2,060	11.1	37.6	87	1.6
Social Workers	20,430	3.6	372.7	1,679	30.1
Speech-Language Pathologists	4,459	8.4	81.3	555	9.9
Veterinarians	2,003	12.2	36.5	94	1.7

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	Michigan				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,788	13.7	22.6	NA	NA
Counselors	8,368	6.5	105.6	200	2.5
Dental Assistants	9,913	5.1	125.1	543	6.8
Dental Hygienists	8,331	6.5	105.1	346	4.3
Dentists	5,326	7.0	67.2	209	2.6
Diagnostic Related Technologists and Technicians	13,446	5.5	169.7	807	10.1
Dietitians and Nutritionists	2,838	10.7	35.8	205	2.6
Emergency Medical Technicians and Paramedics	7,485	7.5	94.4	461	5.8
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	20,624	4.0	260.2	1,235	15.5
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	22,629	4.4	285.5	1,172	14.7
Massage Therapists	6,201	6.4	78.2	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	13,504	4.9	170.4	411	5.1
Medical and Health Services Managers	20,435	3.4	257.8	1,537	19.3
Medical Assistants	23,130	4.0	291.9	2,991	37.5
Medical Records and Health Information Technicians	4,772	7.4	60.2	459	5.8
Medical Secretaries	27,182	3.8	343.0	NP	NP
Nurse Anesthetists	1,050	20.3	13.2	71	0.9
Nurse-Midwives and Nurse Practitioners	2,692	10.5	34.0	376	4.7
Nursing, Psychiatric, and Home Health Aides	102,127	2.1	1,288.6	NP	NP
Occupational Therapists	4,656	7.7	58.7	313	3.9
Opticians, Dispensing	2,783	11.0	35.1	NP	NP
Optometrists	1,193	19.0	15.1	37	0.5

Occupation	Michigan				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	59,104	2.4	745.8	NP	NP
Pharmacists	9,938	5.5	125.4	309	3.9
Physical Therapist Assistants and Aides	4,281	10.1	54.0	NP	NP
Physical Therapists	8,977	7.3	113.3	343	4.3
Physician Assistants	5,023	8.5	63.4	217	2.7
Physicians	31,617	3.2	398.9	1,022	12.8
Psychologists	6,027	7.0	76.0	3,665	45.9
Registered Nurses <sup>d</sup>	102,410	1.7	1,292.2	6,131	77.4
Respiratory Therapists	3,846	7.9	48.5	188	2.4
Social Workers	20,513	3.9	258.8	2,601	32.6
Speech-Language Pathologists	3,825	10.1	48.3	489	6.1
Veterinarians	2,597	10.4	32.8	106	1.3

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.



Occupation	Minnesota				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,716	15.9	40.1	170	3.9
Counselors	10,359	6.4	242.0	1,674	38.4
Dental Assistants	5,711	7.3	133.4	409	9.4
Dental Hygienists	4,073	10.2	95.1	254	5.8
Dentists	3,024	10.6	70.6	107	2.5
Diagnostic Related Technologists and Technicians	7,367	7.5	172.1	401	9.2
Dietitians and Nutritionists	2,103	14.0	49.1	14	0.3
Emergency Medical Technicians and Paramedics	2,726	13.2	63.7	152	3.5
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	12,693	5.1	296.5	858	19.7
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	17,749	3.9	414.6	1,523	34.9
Massage Therapists	3,920	10.8	91.6	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	9,337	7.9	218.1	284	6.5
Medical and Health Services Managers	13,152	4.4	307.2	1,232	28.7
Medical Assistants	5,688	9.0	132.9	709	16.3
Medical Records and Health Information Technicians	3,723	11.0	87.0	458	10.5
Medical Secretaries	14,088	5.3	329.1	NP	NP
Nurse Anesthetists	1,250	15.3	29.2	83	1.9
Nurse-Midwives and Nurse Practitioners	2,391	10.7	55.9	246	5.7
Nursing, Psychiatric, and Home Health Aides	56,618	2.7	1,322.6	NP	NP
Occupational Therapists	2,240	12.0	52.3	151	3.5
Opticians, Dispensing	1,053	18.3	24.6	NP	NP
Optometrists	939	25.9	21.9	NA	NA

Occupation	Minnesota				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	43,010	3.3	1,004.7	NP	NP
Pharmacists	5,838	8.7	136.4	174	4.0
Physical Therapist Assistants and Aides	1,608	22.6	37.6	NP	NP
Physical Therapists	4,464	8.4	104.3	197	4.5
Physician Assistants	2,036	13.6	47.6	57	1.3
Physicians	17,889	5.7	417.9	294	6.7
Psychologists	6,205	8.4	144.9	4,331	99.4
Registered Nurses <sup>d</sup>	66,646	2.7	1,556.8	8,083	188.8
Respiratory Therapists	1,318	15.6	30.8	72	1.7
Social Workers	14,310	5.2	334.3	1,231	28.2
Speech-Language Pathologists	2,403	14.2	56.1	336	7.7
Veterinarians	1,692	12.7	39.5	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Mississippi				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	2,258	13.3	96.8	70	3.0
Dental Assistants	2,671	10.5	114.5	286	12.2
Dental Hygienists	1,437	13.0	61.6	74	3.2
Dentists	828	16.7	35.5	34	1.4
Diagnostic Related Technologists and Technicians	3,703	8.3	158.7	212	9.0
Dietitians and Nutritionists	692	16.5	29.7	46	2.0
Emergency Medical Technicians and Paramedics	2,495	11.1	106.9	76	3.2
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	7,505	6.5	321.7	262	11.2
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	10,006	5.9	428.8	654	27.9
Massage Therapists	686	21.9	29.4	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	3,628	9.7	155.5	129	5.5
Medical and Health Services Managers	5,960	7.3	255.4	154	6.6
Medical Assistants	2,941	11.8	126.0	728	31.0
Medical Records and Health Information Technicians	1,711	14.1	73.3	62	2.6
Medical Secretaries	8,112	6.5	347.7	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	2,227	11.3	95.4	NA	NA
Nursing, Psychiatric, and Home Health Aides	25,935	3.8	1,111.5	NP	NP
Occupational Therapists	631	22.4	27.0	54	2.3
Opticians, Dispensing	477	23.9	20.4	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Mississippi				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	12,645	5.1	541.9	NP	NP
Pharmacists	2,842	11.8	121.8	63	2.7
Physical Therapist Assistants and Aides	637	23.7	27.3	NP	NP
Physical Therapists	2,448	15.5	104.9	96	4.1
Physician Assistants	527	22.5	22.6	31	1.3
Physicians	6,209	6.7	266.1	216	9.2
Psychologists	806	17.6	34.5	1,017	43.4
Registered Nurses <sup>d</sup>	31,901	3.2	1,367.2	2,488	106.6
Respiratory Therapists	1,761	12.7	75.5	86	3.7
Social Workers	3,434	9.0	147.2	739	31.5
Speech-Language Pathologists	1,554	13.6	66.6	316	13.5
Veterinarians	561	23.7	24.0	80	3.4

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Missouri				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,592	15.2	33.1	221	4.5
Counselors	5,801	6.6	120.7	187	3.8
Dental Assistants	5,366	7.1	111.7	428	8.8
Dental Hygienists	2,937	9.5	61.1	205	4.3
Dentists	3,093	10.9	64.4	194	4.0
Diagnostic Related Technologists and Technicians	7,090	7.2	147.5	332	6.8
Dietitians and Nutritionists	2,209	11.5	46.0	222	4.6
Emergency Medical Technicians and Paramedics	5,322	8.8	110.7	322	6.6
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	14,933	5.4	310.7	736	15.1
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	21,062	3.9	438.3	1,140	23.5
Massage Therapists	3,178	10.3	66.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	9,311	5.6	193.8	127	2.6
Medical and Health Services Managers	14,265	5.1	296.8	812	16.7
Medical Assistants	9,901	7.1	206.0	1,048	21.6
Medical Records and Health Information Technicians	3,433	9.0	71.4	345	7.1
Medical Secretaries	17,468	4.2	363.5	NP	NP
Nurse Anesthetists	652	21.8	13.6	39	0.8
Nurse-Midwives and Nurse Practitioners	2,900	10.0	60.3	581	12.1
Nursing, Psychiatric, and Home Health Aides	68,235	2.2	1,419.9	NP	NP
Occupational Therapists	2,240	12.2	46.6	371	7.6
Opticians, Dispensing	1,237	16.5	25.7	NP	NP
Optometrists	904	17.5	18.8	41	0.8

Occupation	Missouri				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	30,022	3.4	624.7	NP	NP
Pharmacists	5,037	7.3	104.8	329	6.8
Physical Therapist Assistants and Aides	1,264	18.1	26.3	NP	NP
Physical Therapists	3,607	7.9	75.1	566	11.6
Physician Assistants	1,369	15.1	28.5	185	3.8
Physicians	17,444	4.7	363.0	1,010	20.8
Psychologists	3,107	9.8	64.7	2,859	58.8
Registered Nurses <sup>d</sup>	65,586	2.3	1,364.8	5,148	107.1
Respiratory Therapists	3,061	10.0	63.7	152	3.1
Social Workers	11,573	6.1	240.8	967	19.9
Speech-Language Pathologists	3,256	8.9	67.8	465	9.6
Veterinarians	1,431	13.2	29.8	115	2.4

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	Montana				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,630	15.1	200.1	25	3.0
Dental Assistants	1,073	23.0	131.7	20	2.4
Dental Hygienists	443	23.1	54.4	15	1.8
Dentists	508	25.1	62.3	NA	NA
Diagnostic Related Technologists and Technicians	1,484	20.7	182.1	43	5.2
Dietitians and Nutritionists	374	26.0	45.9	NA	NA
Emergency Medical Technicians and Paramedics	521	25.0	63.9	38	4.6
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	1,594	15.1	195.6	59	7.2
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	2,510	11.2	308.1	157	18.9
Massage Therapists	579	19.1	71.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	874	18.0	107.3	6	0.7
Medical and Health Services Managers	3,062	13.9	375.8	33	4.0
Medical Assistants	693	21.3	85.1	45	5.4
Medical Records and Health Information Technicians	662	22.5	81.2	39	4.7
Medical Secretaries	2,395	14.3	293.9	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	583	18.9	71.6	NA	NA
Nursing, Psychiatric, and Home Health Aides	9,087	6.6	1,115.3	NP	NP
Occupational Therapists	NR	NR	NR	NA	NA
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Montana				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	6,481	8.2	795.4	NP	NP
Pharmacists	1,808	15.8	221.9	62	7.6
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	903	21.5	110.8	183	22.1
Physician Assistants	NR	NR	NR	31	3.7
Physicians	2,753	10.9	337.9	NA	NA
Psychologists	396	25.2	48.6	398	48.0
Registered Nurses <sup>d</sup>	10,307	5.9	1,265.0	618	75.8
Respiratory Therapists	537	29.5	65.9	20	2.4
Social Workers	1,762	13.9	216.3	100	12.1
Speech-Language Pathologists	614	20.8	75.4	55	6.6
Veterinarians	403	24.6	49.5	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Nebraska				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	2,102	12.8	144.6	13	0.9
Dental Assistants	1,477	12.6	101.6	108	7.3
Dental Hygienists	1,188	14.3	81.7	39	2.6
Dentists	1,242	14.8	85.4	150	10.2
Diagnostic Related Technologists and Technicians	3,124	11.6	214.9	227	15.4
Dietitians and Nutritionists	660	21.3	45.4	15	1.0
Emergency Medical Technicians and Paramedics	671	23.9	46.1	86	5.9
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	4,328	9.0	297.7	299	20.3
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	6,494	6.6	446.6	321	21.8
Massage Therapists	724	23.0	49.8	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	2,840	11.4	195.3	70	4.7
Medical and Health Services Managers	4,203	8.8	289.1	153	10.4
Medical Assistants	2,410	13.5	165.8	158	10.7
Medical Records and Health Information Technicians	1,072	18.5	73.7	182	12.3
Medical Secretaries	5,106	7.9	351.2	NP	NP
Nurse Anesthetists	NR	NR	NR	28	1.9
Nurse-Midwives and Nurse Practitioners	643	20.7	44.2	78	5.4
Nursing, Psychiatric, and Home Health Aides	21,362	4.0	1,469.2	NP	NP
Occupational Therapists	854	20.1	58.7	105	7.1
Opticians, Dispensing	413	24.8	28.4	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Nebraska				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	6,345	9.1	436.4	NP	NP
Pharmacists	2,277	12.2	156.6	233	15.8
Physical Therapist Assistants and Aides	789	19.8	54.3	NP	NP
Physical Therapists	1,427	12.8	98.1	107	7.3
Physician Assistants	1,226	16.6	84.3	130	8.8
Physicians	4,862	8.1	334.4	278	18.8
Psychologists	665	27.9	45.7	894	60.6
Registered Nurses <sup>d</sup>	22,144	4.5	1,523.0	1,677	115.3
Respiratory Therapists	944	17.5	64.9	57	3.9
Social Workers	3,375	9.4	232.1	316	21.4
Speech-Language Pathologists	856	19.8	58.9	159	10.8
Veterinarians	798	18.2	54.9	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	Nevada				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	633	27.2	28.6	NA	NA
Counselors	2,075	10.5	93.8	84	3.7
Dental Assistants	3,221	9.2	145.7	326	14.2
Dental Hygienists	1,218	14.6	55.1	52	2.4
Dentists	1,104	12.9	49.9	139	6.3
Diagnostic Related Technologists and Technicians	3,089	9.4	139.7	97	4.4
Dietitians and Nutritionists	823	20.4	37.2	4	0.2
Emergency Medical Technicians and Paramedics	1,646	12.8	74.4	598	26.1
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	6,102	8.2	275.9	541	23.6
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	3,689	9.7	166.8	111	4.8
Massage Therapists	3,721	10.1	168.3	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	2,737	11.5	123.8	187	8.2
Medical and Health Services Managers	4,294	8.2	194.2	86	3.8
Medical Assistants	4,664	8.6	210.9	1,179	51.4
Medical Records and Health Information Technicians	1,161	14.5	52.5	73	3.2
Medical Secretaries	3,395	8.3	153.5	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	622	20.4	28.1	83	3.8
Nursing, Psychiatric, and Home Health Aides	13,758	4.6	622.1	NP	NP
Occupational Therapists	423	29.9	19.1	30	1.3
Opticians, Dispensing	430	28.5	19.4	NP	NP
Optometrists	269	25.9	12.2	NA	NA

Occupation	Nevada				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	9,761	6.2	441.4	NP	NP
Pharmacists	2,071	11.9	93.7	260	11.3
Physical Therapist Assistants and Aides	763	24.1	34.5	NP	NP
Physical Therapists	1,407	15.5	63.6	64	2.8
Physician Assistants	712	20.2	32.2	57	2.5
Physicians	6,523	6.4	295.0	199	8.7
Psychologists	1,234	17.6	55.8	779	34.0
Registered Nurses <sup>d</sup>	20,243	3.6	915.4	1,077	48.7
Respiratory Therapists	1,054	16.5	47.7	57	2.5
Social Workers	3,055	10.2	138.1	208	9.1
Speech-Language Pathologists	903	16.9	40.8	76	3.3
Veterinarians	454	24.6	20.5	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	New Hampshire				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	448	29.3	41.2	NA	NA
Counselors	2,404	14.2	220.9	228	20.7
Dental Assistants	1,418	16.9	130.3	72	6.5
Dental Hygienists	1,336	14.8	122.8	30	2.7
Dentists	535	25.1	49.2	NA	NA
Diagnostic Related Technologists and Technicians	1,659	13.5	152.5	39	3.5
Dietitians and Nutritionists	552	21.4	50.7	22	2.0
Emergency Medical Technicians and Paramedics	720	17.4	66.2	9	0.8
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	2,758	11.7	253.5	144	13.1
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	4,378	9.5	402.3	104	9.4
Massage Therapists	1,080	18.2	99.3	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,986	12.7	182.5	8	0.7
Medical and Health Services Managers	3,797	8.8	349.0	352	31.9
Medical Assistants	2,347	11.9	215.7	200	18.1
Medical Records and Health Information Technicians	575	17.9	52.8	14	1.3
Medical Secretaries	4,749	7.4	436.4	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	1,231	14.0	113.1	7	0.6
Nursing, Psychiatric, and Home Health Aides	11,471	5.8	1,054.2	NP	NP
Occupational Therapists	1,236	15.6	113.6	117	10.6
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	New Hampshire				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	6,496	7.0	597.0	NP	NP
Pharmacists	1,393	15.6	128.0	NA	NA
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	1,677	11.0	154.1	65	6.0
Physician Assistants	879	21.8	80.8	23	2.1
Physicians	4,397	8.8	404.1	88	8.0
Psychologists	1,305	14.9	119.9	1,258	114.1
Registered Nurses <sup>d</sup>	17,547	4.6	1,612.6	963	88.5
Respiratory Therapists	428	27.7	39.3	7	0.6
Social Workers	2,832	10.6	260.3	113	10.2
Speech-Language Pathologists	1,018	16.5	93.6	77	7.0
Veterinarians	536	22.9	49.3	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	New Jersey				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,814	12.4	25.5	NA	NA
Counselors	10,542	4.7	148.1	348	4.8
Dental Assistants	10,308	5.9	144.8	408	5.7
Dental Hygienists	5,494	6.8	77.2	170	2.4
Dentists	6,915	6.3	97.1	113	1.6
Diagnostic Related Technologists and Technicians	10,903	4.6	153.1	726	10.1
Dietitians and Nutritionists	3,135	9.4	44.0	46	0.6
Emergency Medical Technicians and Paramedics	6,616	7.1	92.9	24	0.3
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	17,883	3.9	251.2	822	11.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	19,425	4.2	272.8	850	11.8
Massage Therapists	4,475	8.3	62.9	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	11,764	4.4	165.2	191	2.7
Medical and Health Services Managers	21,936	3.5	308.1	218	3.0
Medical Assistants	18,213	4.4	255.8	3,094	43.0
Medical Records and Health Information Technicians	3,689	9.2	51.8	202	2.8
Medical Secretaries	25,790	3.3	362.2	NP	NP
Nurse Anesthetists	651	19.0	9.1	NA	NA
Nurse-Midwives and Nurse Practitioners	2,942	9.5	41.3	126	1.8
Nursing, Psychiatric, and Home Health Aides	75,189	2.3	1,056.0	NP	NP
Occupational Therapists	4,005	7.8	56.2	84	1.2
Opticians, Dispensing	1,379	11.7	19.4	NP	NP
Optometrists	677	18.2	9.5	NA	NA

Occupation	New Jersey				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	27,027	4.0	379.6	NP	NP
Pharmacists	10,137	5.8	142.4	185	2.6
Physical Therapist Assistants and Aides	2,392	9.5	33.6	NP	NP
Physical Therapists	9,295	5.9	130.5	153	2.1
Physician Assistants	2,940	10.2	41.3	74	1.0
Physicians	33,470	3.0	470.1	451	6.3
Psychologists	7,576	5.5	106.4	4,240	59.0
Registered Nurses <sup>d</sup>	88,396	1.7	1,241.5	4,422	62.1
Respiratory Therapists	3,039	9.5	42.7	130	1.8
Social Workers	20,356	3.8	285.9	1,839	25.6
Speech-Language Pathologists	5,583	6.5	78.4	208	2.9
Veterinarians	1,844	10.8	25.9	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.



Occupation	New Mexico				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	2,747	11.7	168.1	46	2.8
Dental Assistants	2,230	13.0	136.5	267	16.3
Dental Hygienists	1,104	18.4	67.6	86	5.2
Dentists	1,173	17.0	71.8	NA	NA
Diagnostic Related Technologists and Technicians	2,218	12.6	135.7	137	8.3
Dietitians and Nutritionists	753	20.7	46.1	11	0.7
Emergency Medical Technicians and Paramedics	1,485	17.8	90.9	527	32.1
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	3,968	9.5	242.8	432	26.3
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	3,378	11.4	206.7	127	7.7
Massage Therapists	2,125	15.2	130.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,926	13.6	117.9	61	3.7
Medical and Health Services Managers	3,791	9.4	232.0	22	1.3
Medical Assistants	3,565	10.0	218.2	651	39.7
Medical Records and Health Information Technicians	1,529	16.8	93.6	87	5.3
Medical Secretaries	3,054	9.9	186.9	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	772	18.4	47.2	12	0.7
Nursing, Psychiatric, and Home Health Aides	16,992	5.5	1,039.9	NP	NP
Occupational Therapists	732	16.7	44.8	53	3.2
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	New Mexico				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	21,244	4.2	1,300.2	NP	NP
Pharmacists	1,739	13.6	106.4	86	5.2
Physical Therapist Assistants and Aides	783	24.6	47.9	NP	NP
Physical Therapists	944	16.1	57.8	29	1.8
Physician Assistants	1,009	18.5	61.8	17	1.0
Physicians	4,926	8.7	301.5	102	6.2
Psychologists	1,301	14.6	79.6	882	53.7
Registered Nurses <sup>d</sup>	17,050	4.6	1,043.5	1,162	71.1
Respiratory Therapists	905	17.5	55.4	88	5.4
Social Workers	3,424	10.8	209.6	512	31.2
Speech-Language Pathologists	1,291	15.8	79.0	99	6.0
Veterinarians	669	19.4	40.9	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	New York				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	3,658	8.3	23.0	197	1.2
Counselors	32,696	3.0	205.4	1,521	9.5
Dental Assistants	19,574	4.2	122.9	461	2.9
Dental Hygienists	10,365	5.3	65.1	459	2.9
Dentists	13,054	5.4	82.0	590	3.7
Diagnostic Related Technologists and Technicians	21,300	3.7	133.8	1,178	7.3
Dietitians and Nutritionists	7,717	5.5	48.5	510	3.2
Emergency Medical Technicians and Paramedics	13,685	4.3	85.9	219	1.4
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	29,801	2.9	187.2	2,205	13.7
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	56,535	2.1	355.1	2,798	17.4
Massage Therapists	8,442	5.8	53.0	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	24,845	3.1	156.0	758	4.7
Medical and Health Services Managers	50,459	2.8	316.9	1,888	11.7
Medical Assistants	30,524	3.7	191.7	5,474	34.0
Medical Records and Health Information Technicians	8,733	6.4	54.8	456	2.8
Medical Secretaries	68,685	1.9	431.4	NP	NP
Nurse Anesthetists	1,111	18.5	7.0	46	0.3
Nurse-Midwives and Nurse Practitioners	9,567	6.4	60.1	1,422	8.9
Nursing, Psychiatric, and Home Health Aides	307,282	1.1	1,929.9	NP	NP
Occupational Therapists	9,660	5.5	60.7	930	5.8
Opticians, Dispensing	3,154	8.0	19.8	NP	NP
Optometrists	1,890	10.8	11.9	73	0.5

Occupation	New York				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	98,143	1.7	616.4	NP	NP
Pharmacists	19,343	3.9	121.5	996	6.2
Physical Therapist Assistants and Aides	5,801	6.7	36.4	NP	NP
Physical Therapists	17,733	4.4	111.4	1,239	7.7
Physician Assistants	11,635	4.4	73.1	1,146	7.1
Physicians	82,683	2.4	519.3	2,217	13.8
Psychologists	24,431	4.0	153.4	12,200	75.9
Registered Nurses <sup>d</sup>	188,172	1.2	1,181.8	12,796	80.4
Respiratory Therapists	5,332	6.9	33.5	176	1.1
Social Workers	66,720	2.4	419.0	4,962	30.9
Speech-Language Pathologists	13,683	5.1	85.9	1,887	11.7
Veterinarians	4,697	8.0	29.5	95	0.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	North Carolina				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,563	15.7	20.0	NA	NA
Counselors	11,249	5.6	144.0	370	4.6
Dental Assistants	9,911	5.5	126.9	323	4.0
Dental Hygienists	7,279	5.7	93.2	237	3.0
Dentists	4,731	8.3	60.6	131	1.7
Diagnostic Related Technologists and Technicians	11,831	5.1	151.4	583	7.3
Dietitians and Nutritionists	4,393	9.0	56.2	155	2.0
Emergency Medical Technicians and Paramedics	9,772	5.4	125.1	279	3.5
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	21,549	3.8	275.8	844	10.5
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	23,526	3.5	301.2	741	9.3
Massage Therapists	4,739	8.0	60.7	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	15,887	5.0	203.4	230	2.9
Medical and Health Services Managers	22,432	3.6	287.2	3,492	43.6
Medical Assistants	14,592	4.5	186.8	1,719	21.5
Medical Records and Health Information Technicians	5,697	7.7	72.9	526	6.6
Medical Secretaries	24,875	3.2	318.4	NP	NP
Nurse Anesthetists	2,349	10.6	30.1	24	0.3
Nurse-Midwives and Nurse Practitioners	4,006	8.7	51.3	390	5.0
Nursing, Psychiatric, and Home Health Aides	106,423	1.7	1,362.3	NP	NP
Occupational Therapists	2,816	10.6	36.0	90	1.1
Opticians, Dispensing	1,447	13.5	18.5	NP	NP
Optometrists	888	15.2	11.4	NA	NA

Occupation	North Carolina				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	31,612	3.3	404.7	NP	NP
Pharmacists	10,336	6.6	132.3	350	4.4
Physical Therapist Assistants and Aides	2,369	12.0	30.3	NP	NP
Physical Therapists	6,945	6.4	88.9	239	3.0
Physician Assistants	5,549	6.8	71.0	331	4.1
Physicians	26,393	3.1	337.9	460	5.7
Psychologists	6,462	5.7	82.7	3,860	48.2
Registered Nurses <sup>d</sup>	99,773	1.9	1,277.2	5,595	71.6
Respiratory Therapists	3,563	9.2	45.6	225	2.8
Social Workers	22,612	3.6	289.5	1,631	20.4
Speech-Language Pathologists	4,632	8.2	59.3	354	4.4
Veterinarians	2,656	10.5	34.0	79	1.0

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	North Dakota				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	374	26.4	65.0	12	2.0
Dental Assistants	884	22.9	153.6	9	1.5
Dental Hygienists	587	26.0	102.0	23	3.8
Dentists	NR	NR	NR	NA	NA
Diagnostic Related Technologists and Technicians	621	26.7	107.9	48	8.0
Dietitians and Nutritionists	NR	NR	NR	41	6.8
Emergency Medical Technicians and Paramedics	NR	NR	NR	30	5.0
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	1,240	16.5	215.5	81	13.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	2,363	13.9	410.6	191	31.7
Massage Therapists	NR	NR	NR	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,023	23.7	177.8	151	25.1
Medical and Health Services Managers	1,849	14.5	321.3	20	3.3
Medical Assistants	502	25.3	87.2	22	3.6
Medical Records and Health Information Technicians	248	26.8	43.1	33	5.5
Medical Secretaries	1,941	14.0	337.3	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	NR	NR	NR	51	8.9
Nursing, Psychiatric, and Home Health Aides	9,921	6.4	1,724.0	NP	NP
Occupational Therapists	NR	NR	NR	79	13.1
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	North Dakota				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	3,634	10.2	631.5	NP	NP
Pharmacists	1,317	18.2	228.9	85	14.1
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	NR	NR	NR	82	13.6
Physician Assistants	NR	NR	NR	25	4.1
Physicians	1,707	15.3	296.6	55	9.1
Psychologists	NR	NR	NR	337	55.9
Registered Nurses <sup>d</sup>	9,373	7.8	1,628.7	644	111.9
Respiratory Therapists	NR	NR	NR	20	3.3
Social Workers	1,908	15.2	331.6	217	36.0
Speech-Language Pathologists	513	23.4	89.1	83	13.8
Veterinarians	NR	NR	NR	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Ohio				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,221	14.9	13.2	NA	NA
Counselors	11,975	4.9	129.7	452	4.9
Dental Assistants	11,462	5.3	124.2	989	10.6
Dental Hygienists	7,031	6.2	76.2	298	3.2
Dentists	4,896	6.3	53.0	180	2.0
Diagnostic Related Technologists and Technicians	15,929	3.8	172.6	862	9.3
Dietitians and Nutritionists	4,011	7.5	43.5	368	4.0
Emergency Medical Technicians and Paramedics	8,316	6.0	90.1	1,070	11.5
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	26,310	4.1	285.1	1,545	16.6
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	46,154	2.8	500.1	2,584	27.8
Massage Therapists	5,230	8.2	56.7	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	14,497	4.8	157.1	491	5.3
Medical and Health Services Managers	27,263	3.0	295.4	1,340	14.4
Medical Assistants	20,328	3.9	220.2	2,544	27.4
Medical Records and Health Information Technicians	6,207	6.6	67.3	702	7.5
Medical Secretaries	33,764	2.8	365.8	NP	NP
Nurse Anesthetists	1,327	15.2	14.4	74	0.8
Nurse-Midwives and Nurse Practitioners	4,634	8.0	50.2	1,395	15.1
Nursing, Psychiatric, and Home Health Aides	139,199	1.7	1,508.2	NP	NP
Occupational Therapists	4,184	8.6	45.3	216	2.3
Opticians, Dispensing	3,507	8.1	38.0	NP	NP
Optometrists	1,122	15.2	12.2	64	0.7

Occupation	Ohio				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	44,709	2.6	484.4	NP	NP
Pharmacists	13,640	4.5	147.8	785	8.4
Physical Therapist Assistants and Aides	4,324	7.4	46.8	NP	NP
Physical Therapists	8,101	5.6	87.8	432	4.6
Physician Assistants	3,215	9.7	34.8	280	3.0
Physicians	37,151	3.3	402.5	1,113	12.0
Psychologists	6,206	6.2	67.2	4,571	49.1
Registered Nurses <sup>d</sup>	133,703	1.5	1,448.6	12,179	132.0
Respiratory Therapists	5,185	7.6	56.2	336	3.6
Social Workers	28,182	3.6	305.3	2,327	25.0
Speech-Language Pathologists	5,829	6.3	63.2	688	7.4
Veterinarians	2,634	10.8	28.5	153	1.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Oklahoma				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	569	20.2	18.9	NA	NA
Counselors	5,030	9.1	167.4	117	3.8
Dental Assistants	3,660	9.4	121.8	284	9.3
Dental Hygienists	1,949	13.4	64.9	73	2.4
Dentists	1,874	12.7	62.4	60	2.0
Diagnostic Related Technologists and Technicians	4,567	9.1	152.0	362	11.8
Dietitians and Nutritionists	1,458	17.0	48.5	15	0.5
Emergency Medical Technicians and Paramedics	3,214	11.6	107.0	334	10.9
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	9,094	7.5	302.7	617	20.2
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	15,390	4.6	512.3	911	29.8
Massage Therapists	1,517	16.4	50.5	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	3,931	9.0	130.8	146	4.9
Medical and Health Services Managers	6,225	7.6	207.2	306	10.2
Medical Assistants	6,544	8.7	217.8	713	23.3
Medical Records and Health Information Technicians	2,717	11.3	90.4	85	2.8
Medical Secretaries	8,799	6.4	292.9	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	661	23.4	22.0	53	1.8
Nursing, Psychiatric, and Home Health Aides	38,136	3.4	1,269.4	NP	NP
Occupational Therapists	620	21.2	20.6	69	2.3
Opticians, Dispensing	359	27.3	11.9	NP	NP
Optometrists	586	21.6	19.5	28	0.9

Occupation	Oklahoma				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	13,310	5.8	443.0	NP	NP
Pharmacists	3,771	10.9	125.5	180	6.0
Physical Therapist Assistants and Aides	1,442	14.9	48.0	NP	NP
Physical Therapists	2,063	13.3	68.7	130	4.3
Physician Assistants	1,303	12.6	43.4	79	2.6
Physicians	8,727	6.6	290.5	257	8.4
Psychologists	1,429	15.9	47.6	1,435	47.0
Registered Nurses <sup>d</sup>	36,133	3.1	1,202.7	2,602	86.6
Respiratory Therapists	1,634	13.7	54.4	85	2.8
Social Workers	4,900	8.2	163.1	342	11.2
Speech-Language Pathologists	1,731	12.4	57.6	305	10.0
Veterinarians	810	21.2	27.0	87	2.8

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Oregon				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,038	18.8	32.7	132	4.0
Counselors	7,313	6.2	230.2	340	10.4
Dental Assistants	6,276	9.3	197.5	356	10.9
Dental Hygienists	3,039	9.0	95.6	226	6.9
Dentists	2,541	11.1	80.0	79	2.4
Diagnostic Related Technologists and Technicians	4,776	8.2	150.3	206	6.3
Dietitians and Nutritionists	1,063	17.1	33.5	99	3.0
Emergency Medical Technicians and Paramedics	1,996	14.4	62.8	201	6.1
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	8,661	6.8	272.6	246	7.5
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	4,595	9.1	144.6	394	12.1
Massage Therapists	4,643	8.4	146.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	4,468	7.9	140.6	131	4.0
Medical and Health Services Managers	7,763	5.6	244.3	287	8.8
Medical Assistants	9,435	5.5	296.9	974	29.8
Medical Records and Health Information Technicians	2,559	11.7	80.5	162	5.0
Medical Secretaries	8,509	5.9	267.8	NP	NP
Nurse Anesthetists	430	20.5	13.5	11	0.3
Nurse-Midwives and Nurse Practitioners	2,258	10.9	71.1	82	2.6
Nursing, Psychiatric, and Home Health Aides	25,598	4.0	805.6	NP	NP
Occupational Therapists	1,146	15.1	36.1	7	0.2
Opticians, Dispensing	962	16.5	30.3	NP	NP
Optometrists	590	24.0	18.6	84	2.6

Occupation	Oregon				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	43,358	3.0	1,364.6	NP	NP
Pharmacists	3,691	8.8	116.2	177	5.4
Physical Therapist Assistants and Aides	924	15.2	29.1	NP	NP
Physical Therapists	3,185	8.1	100.2	73	2.2
Physician Assistants	1,148	14.8	36.1	83	2.5
Physicians	13,243	4.9	416.8	125	3.8
Psychologists	2,728	12.4	85.9	1,838	56.2
Registered Nurses <sup>d</sup>	35,382	2.7	1,113.5	1,602	50.4
Respiratory Therapists	1,047	16.0	33.0	96	3.0
Social Workers	7,565	5.5	238.1	453	13.9
Speech-Language Pathologists	2,051	11.9	64.5	102	3.1
Veterinarians	1,283	14.3	40.4	57	1.7

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Pennsylvania				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	3,022	10.7	29.1	NA	NA
Counselors	19,593	4.8	188.6	498	4.8
Dental Assistants	11,888	6.0	114.5	835	8.0
Dental Hygienists	7,410	7.1	71.3	301	2.9
Dentists	7,545	6.1	72.6	378	3.6
Diagnostic Related Technologists and Technicians	18,830	3.7	181.3	1,076	10.4
Dietitians and Nutritionists	4,113	8.9	39.6	422	4.1
Emergency Medical Technicians and Paramedics	11,994	6.2	115.5	216	2.1
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	32,317	3.3	311.1	1,284	12.4
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	52,267	2.0	503.2	1,958	18.9
Massage Therapists	6,660	7.5	64.1	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	17,781	4.7	171.2	355	3.4
Medical and Health Services Managers	32,127	3.5	309.3	1,225	11.8
Medical Assistants	22,357	3.7	215.2	3,005	28.9
Medical Records and Health Information Technicians	8,082	6.6	77.8	437	4.2
Medical Secretaries	47,073	2.5	453.2	NP	NP
Nurse Anesthetists	2,109	12.0	20.3	229	2.2
Nurse-Midwives and Nurse Practitioners	5,504	8.3	53.0	1,284	12.4
Nursing, Psychiatric, and Home Health Aides	140,211	1.6	1,349.9	NP	NP
Occupational Therapists	6,053	7.3	58.3	767	7.4
Opticians, Dispensing	2,670	10.6	25.7	NP	NP
Optometrists	2,102	11.5	20.2	142	1.4

Occupation	Pennsylvania				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	68,886	2.2	663.2	NP	NP
Pharmacists	15,708	4.0	151.2	1,094	10.5
Physical Therapist Assistants and Aides	4,373	8.4	42.1	NP	NP
Physical Therapists	11,932	4.5	114.9	956	9.2
Physician Assistants	7,551	6.6	72.7	1,004	9.6
Physicians	47,979	2.7	461.9	2,188	21.1
Psychologists	10,272	6.0	98.9	7,427	71.2
Registered Nurses <sup>d</sup>	138,839	1.6	1,336.7	9,356	90.1
Respiratory Therapists	4,775	8.5	46.0	283	2.7
Social Workers	32,946	3.1	317.2	2,502	24.0
Speech-Language Pathologists	6,233	6.9	60.0	1,234	11.8
Veterinarians	2,925	9.8	28.2	119	1.1

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Rhode Island				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	2,441	9.8	282.2	30	3.5
Dental Assistants	1,184	15.9	136.9	107	12.4
Dental Hygienists	1,000	15.9	115.6	21	2.4
Dentists	630	20.6	72.8	NA	NA
Diagnostic Related Technologists and Technicians	1,433	12.6	165.6	85	9.8
Dietitians and Nutritionists	302	25.7	34.9	56	6.5
Emergency Medical Technicians and Paramedics	974	18.2	112.6	NA	NA
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	2,315	11.0	267.6	110	12.7
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	1,820	13.1	210.4	93	10.8
Massage Therapists	607	23.2	70.2	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,805	15.4	208.6	60	6.9
Medical and Health Services Managers	2,305	10.6	266.4	184	21.3
Medical Assistants	2,422	11.5	280.0	156	18.0
Medical Records and Health Information Technicians	611	22.1	70.6	10	1.2
Medical Secretaries	5,082	7.0	587.4	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	661	20.4	76.4	14	1.6
Nursing, Psychiatric, and Home Health Aides	14,761	4.5	1,706.3	NP	NP
Occupational Therapists	582	24.6	67.3	18	2.1
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Rhode Island				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	4,668	7.0	539.6	NP	NP
Pharmacists	1,189	18.5	137.4	114	13.1
Physical Therapist Assistants and Aides	645	24.9	74.6	NP	NP
Physical Therapists	1,048	19.4	121.1	35	4.0
Physician Assistants	NR	NR	NR	NA	NA
Physicians	4,052	7.8	468.4	106	12.2
Psychologists	1,273	13.0	147.2	738	84.9
Registered Nurses <sup>d</sup>	12,068	4.6	1,395	868	100.3
Respiratory Therapists	NR	NR	NR	38	4.4
Social Workers	3,229	9.9	373.3	212	24.4
Speech-Language Pathologists	492	19.2	56.9	73	8.4
Veterinarians	239	25.7	27.6	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	South Carolina				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	860	19.4	22.5	56	1.5
Counselors	4,283	7.9	112.2	75	2.0
Dental Assistants	3,931	9.1	103.0	193	5.1
Dental Hygienists	2,949	9.6	77.3	97	2.5
Dentists	2,566	9.7	67.2	69	1.8
Diagnostic Related Technologists and Technicians	6,524	6.9	170.9	299	7.8
Dietitians and Nutritionists	1,655	12.4	43.4	16	0.4
Emergency Medical Technicians and Paramedics	5,414	9.2	141.9	178	4.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	10,589	5.7	277.4	625	15.9
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	13,080	4.7	342.7	484	12.3
Massage Therapists	2,498	12.1	65.4	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	7,183	7.5	188.2	80	2.1
Medical and Health Services Managers	10,408	5.0	272.7	278	7.1
Medical Assistants	6,951	7.9	182.1	1,113	28.3
Medical Records and Health Information Technicians	2,009	13.5	52.6	198	5.0
Medical Secretaries	12,213	5.1	320.0	NP	NP
Nurse Anesthetists	761	15.9	19.9	50	1.3
Nurse-Midwives and Nurse Practitioners	1,705	12.6	44.7	76	2.0
Nursing, Psychiatric, and Home Health Aides	37,555	3.0	984.0	NP	NP
Occupational Therapists	1,187	17.3	31.1	NA	NA
Opticians, Dispensing	845	16.8	22.1	NP	NP
Optometrists	571	24.3	15.0	NA	NA

Occupation	South Carolina				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	18,289	4.8	479.2	NP	NP
Pharmacists	5,374	6.6	140.8	316	8.0
Physical Therapist Assistants and Aides	1,547	14.1	40.5	NP	NP
Physical Therapists	2,673	11.1	70.0	78	2.0
Physician Assistants	1,629	17.9	42.7	66	1.7
Physicians	11,456	5.4	300.2	244	6.2
Psychologists	1,699	10.4	44.5	1,320	33.6
Registered Nurses <sup>d</sup>	47,676	2.3	1,249.2	2,560	67.1
Respiratory Therapists	2,095	13.1	54.9	80	2.0
Social Workers	6,025	6.2	157.9	646	16.4
Speech-Language Pathologists	2,163	11.1	56.7	145	3.7
Veterinarians	807	16.6	21.1	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	South Dakota				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,074	21.1	163.4	50	7.5
Dental Assistants	677	22.0	103.0	49	7.3
Dental Hygienists	591	22.2	89.9	34	5.1
Dentists	494	26.5	75.1	NA	NA
Diagnostic Related Technologists and Technicians	1,212	16.4	184.3	125	18.6
Dietitians and Nutritionists	NR	NR	NR	18	2.7
Emergency Medical Technicians and Paramedics	513	22.5	78.0	13	1.9
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	1,806	17.5	274.7	120	17.9
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	1,966	13.9	299.0	220	32.8
Massage Therapists	NR	NR	NR	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	1,246	17.3	189.5	76	11.3
Medical and Health Services Managers	1,724	13.4	262.2	52	7.8
Medical Assistants	628	22.7	95.5	52	7.8
Medical Records and Health Information Technicians	456	23.0	69.4	46	7.0
Medical Secretaries	2,929	11.7	445.5	NP	NP
Nurse Anesthetists	NR	NR	NR	32	4.9
Nurse-Midwives and Nurse Practitioners	NR	NR	NR	23	3.5
Nursing, Psychiatric, and Home Health Aides	9,010	6.8	1,370.4	NP	NP
Occupational Therapists	NR	NR	NR	26	4.0
Opticians, Dispensing	570	27.7	86.7	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	South Dakota				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	2,907	12.8	442.1	NP	NP
Pharmacists	1,449	16.3	220.4	154	23.0
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	968	21.3	147.2	33	5.0
Physician Assistants	NR	NR	NR	22	3.3
Physicians	1,276	16.6	194.1	50	7.5
Psychologists	383	29.5	58.3	367	54.7
Registered Nurses <sup>d</sup>	11,963	5.3	1,819.5	938	142.7
Respiratory Therapists	NR	NR	NR	18	2.7
Social Workers	1,472	16.2	223.9	110	16.4
Speech-Language Pathologists	493	22.3	75.0	73	10.9
Veterinarians	NR	NR	NR	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE  $\geq$  30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Tennessee				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	728	18.8	14.1	NA	NA
Counselors	6,207	8.1	120.0	184	3.5
Dental Assistants	5,498	6.8	106.3	518	9.8
Dental Hygienists	3,941	7.9	76.2	222	4.2
Dentists	2,974	8.4	57.5	139	2.6
Diagnostic Related Technologists and Technicians	8,951	4.9	173.0	340	6.4
Dietitians and Nutritionists	2,087	12.4	40.3	69	1.3
Emergency Medical Technicians and Paramedics	6,155	8.0	119.0	851	16.1
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	17,541	4.5	339.0	1,066	20.2
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	25,533	3.5	493.5	1,290	24.4
Massage Therapists	3,001	9.8	58.0	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	8,632	6.0	166.8	180	3.5
Medical and Health Services Managers	15,225	5.4	294.2	446	8.6
Medical Assistants	9,876	6.3	190.9	1,337	25.3
Medical Records and Health Information Technicians	4,329	8.5	83.7	323	6.2
Medical Secretaries	15,390	5.1	297.4	NP	NP
Nurse Anesthetists	904	15.6	17.5	99	1.9
Nurse-Midwives and Nurse Practitioners	4,612	7.9	89.1	1,039	20.1
Nursing, Psychiatric, and Home Health Aides	46,630	2.5	901.2	NP	NP
Occupational Therapists	2,025	18.4	39.1	148	2.9
Opticians, Dispensing	1,200	13.1	23.2	NP	NP
Optometrists	473	24.0	9.1	130	2.5

Occupation	Tennessee				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	30,998	3.3	599.1	NP	NP
Pharmacists	7,187	6.9	138.9	549	10.4
Physical Therapist Assistants and Aides	2,156	10.6	41.7	NP	NP
Physical Therapists	4,174	6.8	80.7	235	4.5
Physician Assistants	1,814	13.3	35.1	267	5.1
Physicians	18,196	3.7	351.7	593	11.2
Psychologists	2,386	9.8	46.1	2,298	43.5
Registered Nurses <sup>d</sup>	65,489	2.0	1,265.6	4,569	88.3
Respiratory Therapists	2,740	11.3	53.0	137	2.6
Social Workers	9,514	5.9	183.9	1,084	20.5
Speech-Language Pathologists	2,427	9.5	46.9	188	3.6
Veterinarians	1,706	13.4	33.0	91	1.7

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

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<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.



Occupation	Texas				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	4,240	9.8	20.9	268	1.3
Counselors	18,165	4.2	89.7	790	3.8
Dental Assistants	29,145	3.3	144.0	2,620	12.4
Dental Hygienists	12,002	5.5	59.3	598	2.8
Dentists	12,605	4.9	62.3	289	1.4
Diagnostic Related Technologists and Technicians	26,924	3.7	133.0	2,121	10.1
Dietitians and Nutritionists	7,987	5.3	39.5	148	0.7
Emergency Medical Technicians and Paramedics	17,860	4.0	88.2	1,828	8.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	56,573	2.4	279.5	3,437	16.3
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	76,545	2.2	378.2	3,967	18.8
Massage Therapists	13,747	4.9	67.9	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	28,957	3.8	143.1	688	3.3
Medical and Health Services Managers	54,566	2.6	269.6	1,210	5.7
Medical Assistants	54,439	2.9	268.9	9,864	46.9
Medical Records and Health Information Technicians	12,947	5.5	64.0	704	3.3
Medical Secretaries	50,048	2.3	247.2	NP	NP
Nurse Anesthetists	1,945	11.0	9.6	215	1.1
Nurse-Midwives and Nurse Practitioners	7,186	6.6	35.5	1,345	6.6
Nursing, Psychiatric, and Home Health Aides	220,386	1.2	1,088.8	NP	NP
Occupational Therapists	7,161	6.4	35.4	292	1.4
Opticians, Dispensing	4,614	8.8	22.8	NP	NP
Optometrists	2,918	10.1	14.4	150	0.7

Occupation	Texas				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	127,150	1.7	628.2	NP	NP
Pharmacists	20,823	3.9	102.9	656	3.1
Physical Therapist Assistants and Aides	6,195	7.4	30.6	NP	NP
Physical Therapists	16,224	4.8	80.2	681	3.2
Physician Assistants	9,384	6.0	46.4	427	2.1
Physicians	64,918	2.1	320.7	1,692	8.4
Psychologists	9,407	5.4	46.5	9,532	45.3
Registered Nurses <sup>d</sup>	220,968	1.2	1,091.6	15,121	74.7
Respiratory Therapists	9,287	6.1	45.9	638	3.0
Social Workers	29,899	3.6	147.7	3,074	14.6
Speech-Language Pathologists	14,192	4.6	70.1	1,753	8.3
Veterinarians	5,188	6.7	25.6	128	0.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Utah				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	379	22.9	18.1	NA	NA
Counselors	3,380	11.7	161.2	139	6.4
Dental Assistants	5,326	8.5	254.0	250	11.5
Dental Hygienists	2,188	10.7	104.4	288	13.2
Dentists	1,859	11.0	88.7	NA	NA
Diagnostic Related Technologists and Technicians	2,404	9.9	114.7	241	11.1
Dietitians and Nutritionists	795	20.4	37.9	95	4.4
Emergency Medical Technicians and Paramedics	1,146	17.2	54.7	51	2.3
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	6,516	7.5	310.8	520	23.8
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	3,119	10.1	148.8	309	14.2
Massage Therapists	3,317	12.2	158.2	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	3,713	7.8	177.1	261	12.0
Medical and Health Services Managers	5,325	7.5	254.0	176	8.1
Medical Assistants	6,199	7.4	295.6	768	35.2
Medical Records and Health Information Technicians	1,395	17.2	66.5	69	3.3
Medical Secretaries	7,480	5.5	356.7	NP	NP
Nurse Anesthetists	NR	NR	NR	16	0.8
Nurse-Midwives and Nurse Practitioners	1,147	14.4	54.7	50	2.4
Nursing, Psychiatric, and Home Health Aides	16,024	4.7	764.2	NP	NP
Occupational Therapists	818	12.8	39.0	47	2.2
Opticians, Dispensing	689	19.9	32.9	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Utah				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	6,875	5.9	327.9	NP	NP
Pharmacists	2,676	11.0	127.6	59	2.7
Physical Therapist Assistants and Aides	1,067	16.0	50.9	NP	NP
Physical Therapists	1,840	13.1	87.8	102	4.7
Physician Assistants	1,267	17.5	60.4	41	2.0
Physicians	7,042	6.8	335.8	80	3.8
Psychologists	1,355	17.4	64.6	1,503	68.9
Registered Nurses <sup>d</sup>	22,940	3.6	1,094.6	5,578	266.0
Respiratory Therapists	797	18.1	38.0	308	14.1
Social Workers	3,868	7.8	184.5	563	25.8
Speech-Language Pathologists	1,269	14.5	60.5	584	26.8
Veterinarians	544	21.2	25.9	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Vermont				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,431	13.4	275.6	19	3.7
Dental Assistants	532	25.6	102.5	NA	NA
Dental Hygienists	623	20.3	120.0	26	5.0
Dentists	397	26.6	76.5	NA	NA
Diagnostic Related Technologists and Technicians	645	20.8	124.2	50	9.6
Dietitians and Nutritionists	290	28.9	55.9	50	9.6
Emergency Medical Technicians and Paramedics	281	27.3	54.1	NA	NA
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	1,385	14.6	266.8	83	15.8
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	2,061	12.1	397.0	137	26.4
Massage Therapists	985	21.0	189.7	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	922	17.6	177.6	21	4.0
Medical and Health Services Managers	1,768	14.6	340.5	28	5.4
Medical Assistants	829	24.6	159.7	39	7.5
Medical Records and Health Information Technicians	NR	NR	NR	21	4.0
Medical Secretaries	1,897	15.6	365.4	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	377	26.5	72.6	NA	NA
Nursing, Psychiatric, and Home Health Aides	5,527	9.9	1,064.5	NP	NP
Occupational Therapists	NR	NR	NR	NA	NA
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Vermont				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	6,117	8.6	1,178.1	NP	NP
Pharmacists	883	24.7	170.1	NA	NA
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	1,036	18.6	199.5	40	7.7
Physician Assistants	NR	NR	NR	NA	NA
Physicians	2,762	12.9	532.0	113	21.6
Psychologists	895	19.6	172.4	454	86.6
Registered Nurses <sup>d</sup>	6,495	5.8	1,250.9	413	79.5
Respiratory Therapists	NR	NR	NR	NA	NA
Social Workers	1,825	11.5	351.5	92	17.6
Speech-Language Pathologists	577	22.3	111.1	43	8.2
Veterinarians	NR	NR	NR	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	Virginia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	740	20.6	11.2	NA	NA
Counselors	13,295	4.5	201.4	164	2.4
Dental Assistants	9,492	6.3	143.8	387	5.8
Dental Hygienists	4,932	7.7	74.7	165	2.5
Dentists	4,817	6.5	73.0	104	1.5
Diagnostic Related Technologists and Technicians	9,325	5.1	141.3	366	5.4
Dietitians and Nutritionists	2,519	8.7	38.2	16	0.2
Emergency Medical Technicians and Paramedics	5,237	6.6	79.4	518	7.7
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	17,811	4.4	269.9	779	11.6
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	26,571	3.3	402.6	1,499	22.3
Massage Therapists	4,575	8.9	69.3	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	10,377	5.5	157.2	311	4.6
Medical and Health Services Managers	16,130	4.3	244.4	430	6.5
Medical Assistants	12,236	5.6	185.4	2,222	33.1
Medical Records and Health Information Technicians	3,605	9.1	54.6	251	3.7
Medical Secretaries	18,806	4.2	285.0	NP	NP
Nurse Anesthetists	1,121	13.9	17.0	81	1.2
Nurse-Midwives and Nurse Practitioners	3,501	8.9	53.0	202	3.1
Nursing, Psychiatric, and Home Health Aides	64,193	2.0	972.7	NP	NP
Occupational Therapists	2,392	11.5	36.2	144	2.1
Opticians, Dispensing	1,743	12.1	26.4	NP	NP
Optometrists	971	17.8	14.7	NA	NA

Occupation	Virginia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	29,770	3.4	451.1	NP	NP
Pharmacists	7,978	5.2	120.9	391	5.8
Physical Therapist Assistants and Aides	2,655	9.7	40.2	NP	NP
Physical Therapists	5,451	7.2	82.6	311	4.6
Physician Assistants	3,325	8.8	50.4	180	2.7
Physicians	25,395	3.5	384.8	863	12.8
Psychologists	5,442	7.3	82.5	6,285	93.5
Registered Nurses <sup>d</sup>	72,345	1.8	1,096.2	5,148	78.0
Respiratory Therapists	2,530	11.3	38.3	181	2.7
Social Workers	14,305	5.0	216.8	860	12.8
Speech-Language Pathologists	3,325	8.6	50.4	404	6.0
Veterinarians	2,824	10.3	42.8	105	1.6

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.



Occupation	Washington				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	2,316	13.5	41.6	NA	NA
Counselors	11,798	5.0	211.8	447	7.8
Dental Assistants	10,546	5.7	189.4	736	12.8
Dental Hygienists	5,499	7.1	98.7	236	4.1
Dentists	4,569	7.5	82.0	67	1.2
Diagnostic Related Technologists and Technicians	7,426	6.4	133.3	404	7.0
Dietitians and Nutritionists	2,414	10.7	43.3	77	1.3
Emergency Medical Technicians and Paramedics	4,355	8.8	78.2	167	2.9
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	11,947	4.2	214.5	1,200	20.9
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	11,753	5.0	211.0	826	14.4
Massage Therapists	8,441	6.1	151.6	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	9,096	6.0	163.3	130	2.3
Medical and Health Services Managers	14,521	4.6	260.7	245	4.4
Medical Assistants	14,107	5.1	253.3	2,243	39.1
Medical Records and Health Information Technicians	4,447	8.4	79.8	298	5.2
Medical Secretaries	14,392	4.2	258.4	NP	NP
Nurse Anesthetists	496	28.5	8.9	NA	NA
Nurse-Midwives and Nurse Practitioners	3,373	9.1	60.6	85	1.5
Nursing, Psychiatric, and Home Health Aides	46,089	2.8	827.5	NP	NP
Occupational Therapists	2,113	10.1	37.9	93	1.7
Opticians, Dispensing	1,533	13.5	27.5	NP	NP
Optometrists	1,238	20.1	22.2	NA	NA

Occupation	Washington				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	57,297	2.5	1,028.8	NP	NP
Pharmacists	7,174	6.0	128.8	172	3.1
Physical Therapist Assistants and Aides	1,815	11.1	32.6	NP	NP
Physical Therapists	5,629	7.9	101.1	117	2.1
Physician Assistants	2,585	11.2	46.4	109	2.0
Physicians	23,636	3.6	424.4	288	5.2
Psychologists	5,265	7.5	94.5	2,440	42.5
Registered Nurses <sup>d</sup>	64,057	2.0	1,150.1	3,509	63.0
Respiratory Therapists	1,929	13.0	34.6	22	0.4
Social Workers	10,456	5.3	187.7	833	14.5
Speech-Language Pathologists	3,197	8.3	57.4	273	4.8
Veterinarians	2,036	12.2	36.6	98	1.7

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NP: Graduate data is not available from IPEDS data.

Occupation	West Virginia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	1,804	12.9	119.3	44	2.9
Dental Assistants	1,516	14.1	100.3	97	6.4
Dental Hygienists	1,255	15.9	83.0	82	5.4
Dentists	787	17.2	52.1	48	3.2
Diagnostic Related Technologists and Technicians	2,887	10.1	191.0	140	9.3
Dietitians and Nutritionists	591	20.8	39.1	44	2.9
Emergency Medical Technicians and Paramedics	2,630	13.1	174.0	73	4.8
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	5,074	7.8	335.6	220	14.6
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	8,732	5.9	577.6	399	26.4
Massage Therapists	497	24.0	32.9	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	2,422	12.3	160.2	85	5.6
Medical and Health Services Managers	3,801	9.2	251.4	58	3.8
Medical Assistants	2,699	11.0	178.5	431	28.5
Medical Records and Health Information Technicians	1,112	18.3	73.6	52	3.4
Medical Secretaries	5,396	5.6	356.9	NP	NP
Nurse Anesthetists	484	27.0	32.0	NA	NA
Nurse-Midwives and Nurse Practitioners	972	17.3	64.3	110	7.3
Nursing, Psychiatric, and Home Health Aides	19,550	4.3	1,293.1	NP	NP
Occupational Therapists	397	27.0	26.3	40	2.6
Opticians, Dispensing	383	23.2	25.3	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	West Virginia				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	13,989	5.5	925.3	NP	NP
Pharmacists	2,545	10.4	168.3	154	10.2
Physical Therapist Assistants and Aides	424	23.4	28.0	NP	NP
Physical Therapists	956	18.5	63.2	109	7.2
Physician Assistants	603	22.7	39.9	72	4.8
Physicians	5,577	7.4	368.9	350	23.2
Psychologists	1,001	17.8	66.2	1,000	66.1
Registered Nurses <sup>d</sup>	20,624	4.5	1,364.2	1,287	85.1
Respiratory Therapists	782	15.6	51.7	75	5.0
Social Workers	2,851	10.6	188.6	303	20.0
Speech-Language Pathologists	754	20.7	49.9	137	9.1
Veterinarians	496	29.4	32.8	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

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NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Wisconsin				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	1,976	16.1	43.1	NA	NA
Counselors	5,673	8.8	123.7	469	10.1
Dental Assistants	6,687	8.0	145.9	318	6.9
Dental Hygienists	4,504	8.6	98.2	149	3.2
Dentists	3,033	9.5	66.2	89	1.9
Diagnostic Related Technologists and Technicians	7,703	7.9	168.0	247	5.3
Dietitians and Nutritionists	1,909	12.1	41.6	103	2.2
Emergency Medical Technicians and Paramedics	3,128	11.0	68.2	1,626	35.1
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	12,706	5.7	277.1	889	19.2
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	14,676	4.4	320.1	1,207	26.1
Massage Therapists	2,791	11.7	60.9	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	8,304	6.5	181.1	277	6.0
Medical and Health Services Managers	12,763	6.2	278.4	553	11.9
Medical Assistants	9,927	6.1	216.5	1,004	21.7
Medical Records and Health Information Technicians	3,813	9.9	83.2	190	4.1
Medical Secretaries	13,357	5.4	291.3	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	2,470	12.3	53.9	317	6.9
Nursing, Psychiatric, and Home Health Aides	64,398	2.5	1,404.6	NP	NP
Occupational Therapists	3,092	13.1	67.4	272	5.9
Opticians, Dispensing	1,691	15.7	36.9	NP	NP
Optometrists	694	19.9	15.1	NA	NA

Occupation	Wisconsin				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	34,370	3.4	749.7	NP	NP
Pharmacists	6,157	7.7	134.3	213	4.6
Physical Therapist Assistants and Aides	1,421	15.0	31.0	NP	NP
Physical Therapists	4,745	8.3	103.5	252	5.5
Physician Assistants	2,589	10.6	56.5	142	3.1
Physicians	15,819	4.8	345.0	344	7.4
Psychologists	3,802	9.4	82.9	2,446	52.8
Registered Nurses <sup>d</sup>	66,879	2.2	1,458.8	4,197	91.5
Respiratory Therapists	1,823	13.5	39.8	104	2.2
Social Workers	11,353	5.6	247.6	1,054	22.8
Speech-Language Pathologists	2,955	11.9	64.5	439	9.5
Veterinarians	2,057	12.5	44.9	81	1.7

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE ≥ 30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.

Occupation	Wyoming				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Chiropractors	NR	NR	NR	NA	NA
Counselors	645	20.8	141.3	11	2.4
Dental Assistants	445	25.5	97.5	7	1.5
Dental Hygienists	276	27.0	60.5	52	11.3
Dentists	NR	NR	NR	NA	NA
Diagnostic Related Technologists and Technicians	426	20.0	93.4	40	8.7
Dietitians and Nutritionists	NR	NR	NR	NA	NA
Emergency Medical Technicians and Paramedics	703	23.3	154.1	19	4.1
Health Diagnosing and Treating Practitioner Support Technologists and Technicians	1,115	16.4	244.3	63	13.7
Licensed Practical and Licensed Vocational Nurses <sup>d</sup>	1,095	19.9	240.0	120	26.1
Massage Therapists	514	28.3	112.6	NP	NP
Medical and Clinical Laboratory Technologists and Technicians	597	22.8	130.8	10	2.2
Medical and Health Services Managers	1,225	15.4	268.4	2	0.4
Medical Assistants	368	27.3	80.6	8	1.8
Medical Records and Health Information Technicians	NR	NR	NR	NA	NA
Medical Secretaries	1,451	14.5	318.0	NP	NP
Nurse Anesthetists	NR	NR	NR	NA	NA
Nurse-Midwives and Nurse Practitioners	NR	NR	NR	12	2.6
Nursing, Psychiatric, and Home Health Aides	4,455	8.0	976.3	NP	NP
Occupational Therapists	NR	NR	NR	NA	NA
Opticians, Dispensing	NR	NR	NR	NP	NP
Optometrists	NR	NR	NR	NA	NA

Occupation	Wyoming				
	2011-2015 Health Workforce <sup>a</sup>			2015 Graduates <sup>b</sup>	
	Total	% RSE <sup>c</sup>	Per 100K Working-age Population	Total	Per 100K Working-age Population
Personal Care Aides	2,773	11.1	607.7	NP	NP
Pharmacists	481	26.5	105.4	44	9.6
Physical Therapist Assistants and Aides	NR	NR	NR	NP	NP
Physical Therapists	414	28.3	90.7	NA	NA
Physician Assistants	NR	NR	NR	NA	NA
Physicians	1,445	17.2	316.7	NA	NA
Psychologists	344	26.2	75.4	218	47.5
Registered Nurses <sup>d</sup>	4,523	8.1	991.2	481	105.4
Respiratory Therapists	NR	NR	NR	5	1.1
Social Workers	1,297	16.7	284.2	77	16.9
Speech-Language Pathologists	559	26.0	122.5	42	9.2
Veterinarians	NR	NR	NR	NA	NA

<sup>a</sup>Health Workforce data are from Special Tabulations of the American Community Survey Public Use Microdata Sample, 2011-2015

<sup>b</sup>Graduate data are from Special Tabulations of the National Center for Education Statistics Integrated Postsecondary Education Data System, 2014-2015 Data. Degree award levels included in the count of graduates are specified in Part 5 of the U.S. Health Workforce Chartbook – Technical Documentation.

<sup>c</sup>% RSE (Percent Relative Standard Error) = ((Standard Error/Estimate)\*100); Lower % RSEs (i.e. proportionately lower standard errors) indicate greater precision. % RSEs between 20 and 29 percent should be used with caution.

<sup>d</sup>LPN/LVN data include LPNs receiving an associate degree or some college education without degree. RN data include RNs receiving an associate's, a bachelor's, or a graduate degree.

NA: Data are not available for the selected state and occupation.

NR: Data not reported at the state-level because the RSE  $\geq$  30%; estimate does not meet standards of reliability

NP: Graduate data is not available from IPEDS data.