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Colleges of Pharmacy

American College of
Clinical Pharmacy

American Pharmacists
Association

American Society of
Health-System Pharmacists

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Pharmacy Demand Report (PDR) Executive Summary

4th Quarter 2021

This is the executive summary of the Pharmacy Demand Report (PDR) for the fourth quarter 2021. An overview of the PDR can be found [online](#).

Pharmacists

There have been 14,915 job postings for pharmacists through the fourth quarter 2021, compared with 12,639 job postings for pharmacists through the same period in 2020. Highlights for pharmacist job postings for 2021 include:

- 4,643 job postings were reported for the first quarter (which includes carry over postings from 2020), 3,569 postings were reported for the second quarter, 3,149 were reported for the third quarter, and 3,559 were reported for the fourth quarter;
- The highest number of job postings continue to be in the southern part of the country, followed by the west, midwest, and northeast;
- California has the highest number of job postings (2,197), followed by Florida (1,356), Texas (1,070), New York (656), and Ohio (655). Vermont and Wyoming has the lowest number of job postings (19);
 - In the fourth quarter 2021, the highest number of job postings were in California, Florida, Texas, and Ohio;
- The MSAs with the highest number of job postings in the first and in the third quarter were New York-Newark, Los Angeles, and Miami-Fort Lauderdale, while the MSAs with the highest number of job postings in the second quarter were Los Angeles, New York-Newark, and Chicago and the MSAs with the highest number of job postings in the fourth quarter were New York-Newark, Los Angeles, and Chicago; and
- The highest number of postings for this quarter were for the Retail Pharmacist position (1,319) followed by Clinical Pharmacist position (1,076), the Other Pharmacist Occupations category (697), Hospital Pharmacist position (270), and Pharmacy Director position (197).

The next Pharmacy Demand Report will be available mid-March 2022. Contact Tom Maggio, Pharmacy Workforce Center Secretary/Treasurer at TMaggio@aacp.org or 703-479-3832 with any PDR-related questions.

Pharmacy Technicians

There were 166,337 pharmacy technician job postings through the fourth quarter 2021, compared with 145,216 job postings for pharmacy technicians through the same period in 2020. Highlights for pharmacy technicians for 2021 include:

- 59,409 job postings were reported for the first quarter (includes carry over postings from 2020), 36,507 were reported for the second quarter, 33,192 were reported for the third quarter and 41,790 were reported for the fourth quarter;
- The highest number of job postings continue to be in the southern part of the country, followed by the west, midwest, and northeast;
- California has the highest number of job postings (17,377), followed by Texas (14,357), Florida (11,647), and Ohio (7,714). Puerto Rico (142) and Wyoming (149) had the lowest number of job postings;
 - In the fourth quarter 2021, the highest number of job postings were reported in California, Texas, Florida, and Ohio; and
- New York-Newark had the highest number of job postings for the second, third and fourth quarters. For the first quarter, the top MSAs included Phoenix, New York, and Los Angeles. For the second quarter, the top MSAs also included Los Angeles, Dallas-Fort Worth, and Phoenix, the top MSAs for the third and fourth quarters also included Chicago, Dallas-Fort Worth and Los Angeles, and Dallas-Fort Worth.

Regional Data										
Clinical Pharmacist										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	276	115	191	167	749	268	154	136	127	685
South	640	144	487	468	1,739	690	438	406	389	1,923
Midwest	406	93	224	225	948	322	257	222	217	1,018
West	532	176	330	344	1,382	462	469	377	343	1,651
Hospital Pharmacist										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	57	17	19	21	114	44	44	33	26	147
South	112	72	60	32	276	81	54	40	65	240
Midwest	82	34	18	48	182	73	59	34	83	249
West	155	68	55	64	342	105	100	91	96	392
Other Pharmacist Occupations										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	193	89	66	78	426	142	110	121	130	503
South	251	93	123	124	591	322	177	172	217	888
Midwest	335	112	90	167	704	253	137	124	140	654
West	271	144	124	106	645	238	165	143	210	756
Pharmacy Director										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	31	17	5	8	61	15	14	12	16	57
South	84	48	34	42	208	71	94	61	71	297
Midwest	53	25	21	12	111	35	48	34	42	159
West	108	42	59	30	239	61	69	55	68	253
Retail Pharmacist										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	285	202	91	150	728	255	208	212	233	908
South	424	208	265	243	1,140	503	338	329	338	1,508
Midwest	338	137	87	162	724	309	275	202	309	1,095
West	627	279	172	252	1,330	389	359	345	439	1,532
All Pharmacist Positions										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	842	440	372	424	2,078	724	530	514	532	2,300
South	1,511	565	969	909	3,954	1,667	1,101	1,008	1,080	4,856
Midwest	1,214	401	440	614	2,669	992	776	616	791	3,175
West	1,693	709	740	796	3,938	1,255	1,162	1,011	1,156	4,584
Pharmacy Technicians										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	8,690	5,506	4,272	5,340	23,808	8,282	6,198	5,363	6,343	26,186
South	16,435	9,686	10,085	11,410	47,616	19,574	13,038	11,815	15,587	60,014
Midwest	12,082	6,892	6,544	8,214	33,732	12,421	8,422	8,193	10,186	39,222
West	11,238	6,580	8,135	9,387	35,340	14,571	8,849	7,821	9,674	40,915

Pharmacy Demand Report (PDR)														
Clinical Pharmacist														
Job Postings Per State														
	2020							2021						
State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	5	0	2	4	11	1.06	9,606	7	6	4	6	23	2.39
Alaska	1,002	7	1	1	5	14	13.97	1,002	7	5	6	1	19	18.96
Arizona	12,051	37	18	25	26	106	8.80	12,051	47	33	18	22	120	9.96
Arkansas	6,540	4	4	10	10	28	4.28	6,540	19	10	6	8	43	6.57
California	47,926	342	108	218	237	905	18.88	48,204	286	282	231	212	1,011	20.97
Colorado	8,832	31	6	25	21	83	9.40	9,064	26	20	21	24	91	10.04
Connecticut	5,545	65	30	28	23	146	26.33	5,545	38	26	13	29	106	19.12
Delaware	2,415	5	0	6	8	19	7.87	2,415	9	5	4	1	19	7.87
District of Columbia	2,045	5	3	7	6	21	10.27	2,036	9	4	3	2	18	8.84
Florida	34,157	204	24	142	152	522	15.28	35,824	207	144	142	123	616	17.20
Georgia	15,216	73	16	46	30	165	10.84	15,216	60	52	28	33	173	11.37
Hawaii	2,451	2	4	2	1	9	3.67	2,451	5	9	2	0	16	6.53
Idaho	4,082	15	0	6	6	27	6.61	3,624	9	14	8	6	37	10.21
Illinois	18,446	73	19	38	43	173	9.38	21,122	74	74	54	41	243	11.50
Indiana	11,497	32	13	15	23	83	7.22	11,497	32	17	12	14	75	6.52
Iowa	6,349	12	5	14	11	42	6.62	6,581	12	5	12	8	37	5.62
Kansas	7,234	15	3	7	9	34	4.70	7,717	10	7	6	8	31	4.02
Kentucky	10,767	27	5	23	21	76	7.06	10,939	35	21	23	16	95	8.68
Louisiana	9,200	21	5	17	11	54	5.87	9,317	16	7	10	19	52	5.58
Maine	2,300	5	3	8	6	22	9.57	2,343	6	5	5	2	18	7.68
Maryland	12,228	38	18	24	22	102	8.34	12,228	26	11	11	17	65	5.32
Massachusetts	13,936	44	10	35	34	123	8.83	14,029	35	12	11	17	75	5.35
Michigan	16,582	32	7	23	17	79	4.76	16,867	27	20	32	44	123	7.29
Minnesota	9,033	41	11	36	26	114	12.62	9,176	43	15	25	16	99	10.79
Mississippi	6,357	0	6	1	0	7	1.10	6,540	0	4	5	2	11	1.68
Missouri	11,320	55	11	30	29	125	11.04	11,822	46	38	26	29	139	11.76
Montana	2,111	2	0	1	2	5	2.37	2,200	4	3	6	5	18	8.18
Nebraska	5,495	4	2	1	1	8	1.46	5,495	2	3	4	2	11	2.00
Nevada	7,721	19	3	20	23	65	8.42	7,721	36	28	21	14	99	12.82
New Hampshire	2,912	2	1	15	5	23	7.90	2,827	6	4	8	6	24	8.49
New Jersey	18,019	34	18	21	24	97	5.38	18,019	35	36	18	10	99	5.49
New Mexico	3,065	7	3	9	6	25	8.16	3,158	10	15	9	3	37	11.72
New York	27,113	56	13	39	44	152	5.61	28,816	71	22	39	31	163	5.66
North Carolina	17,009	34	9	28	30	101	5.94	17,284	45	22	20	26	113	6.54
North Dakota	2,336	1	0	1	1	3	1.28	2,238	1	5	3	0	9	4.02
Ohio	20,979	120	15	43	49	227	10.82	21,906	63	64	38	47	212	9.68
Oklahoma	7,838	6	0	3	3	12	1.53	8,150	5	5	1	2	13	1.60
Oregon	8,488	16	3	1	2	22	2.59	9,006	5	17	13	23	58	6.44
Pennsylvania	24,586	58	37	33	19	147	5.98	23,473	62	44	36	29	171	7.28
Puerto Rico	5,340	1	1	0	1	3	0.56	5,340	3	3	3	1	10	1.87
Rhode Island	2,185	11	3	11	12	37	16.93	2,185	14	4	4	3	25	11.44
South Carolina	9,458	12	9	15	10	46	4.86	9,184	13	12	12	18	55	5.99
South Dakota	2,046	1	0	1	0	2	0.98	2,085	0	4	3	2	9	4.32
Tennessee	12,556	22	4	15	19	60	4.78	12,556	20	10	20	8	58	4.62
Texas	35,669	150	33	98	102	383	10.74	36,154	161	81	79	85	406	11.23
Utah	4,094	21	14	3	2	40	9.77	4,257	7	11	13	12	43	10.10
Vermont	1,231	1	0	1	0	2	1.62	1,227	1	1	2	0	4	3.26
Virginia	15,616	29	8	44	35	116	7.43	16,159	52	42	33	22	149	9.22
Washington	10,969	33	16	18	12	79	7.20	10,969	19	31	26	21	97	8.84
West Virginia	5,522	5	0	6	5	16	2.90	5,522	6	2	5	1	14	2.54
Wisconsin	8,942	20	7	15	16	58	6.49	8,942	12	5	7	6	30	3.35
Wyoming	1,441	0	0	1	1	2	1.39	1,437	1	1	3	0	5	3.48

Pharmacy Demand Report (PDR)								
Clinical Pharmacist								
Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)								
2020			2021					
Full Year			Quarter 1			Quarter 2		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
Los Angeles-Long Beach-Anaheim, CA	367	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	113	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	115	Much Higher than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	195	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	93	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	72	Much Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	168	Similar to National Average	New York-Newark-Jersey City, NY-NJ-PA	72	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	72	Much Higher than National Average
New York-Newark-Jersey City, NY-NJ-PA	162	Lower than National Average	Chicago-Naperville-Elgin, IL-IN-WI	61	Similar to National Average	New York-Newark-Jersey City, NY-NJ-PA	46	Lower than National Average
Dallas-Fort Worth-Arlington, TX	118	Lower than National Average	Orlando-Kissimmee-Sanford, FL	42	Much Higher than National Average	San Francisco-Oakland-Hayward, CA	30	Similar to National Average
Orlando-Kissimmee-Sanford, FL	116	Much Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	41	Similar to National Average	Cincinnati, OH-KY-IN	29	Much Higher than National Average
Sacramento--Roseville--Arden-Arcade, CA	103	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	39	Lower than National Average	Phoenix-Mesa-Scottsdale, AZ	26	Similar to National Average
Atlanta-Sandy Springs-Roswell, GA	99	Similar to National Average	Houston-The Woodlands-Sugar Land, TX	36	Higher than National Average	San Diego-Carlsbad, CA	25	Higher than National Average
Houston-The Woodlands-Sugar Land, TX	96	Similar to National Average	Minneapolis-St. Paul-Bloomington, MN-WI	33	Similar to National Average	St. Louis, MO-IL	23	Much Higher than National Average
Boston-Cambridge-Nashua, MA-NH	96	Lower than National Average	San Diego-Carlsbad, CA	32	Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	23	Much Higher than National Average
San Diego-Carlsbad, CA	94	Higher than National Average	St. Louis, MO-IL	30	Much Higher than National Average	San Jose-Sunnyvale-Santa Clara, CA	21	Higher than National Average
San Francisco-Oakland-Hayward, CA	92	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	30	Lower than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	21	Lower than National Average
Baltimore-Columbia-Towson, MD	91	Much Higher than National Average	Tampa-St. Petersburg-Clearwater, FL	29	Similar to National Average	Atlanta-Sandy Springs-Roswell, GA	21	Lower than National Average
St. Louis, MO-IL	90	Much Higher than National Average	San Francisco-Oakland-Hayward, CA	28	Lower than National Average	Tampa-St. Petersburg-Clearwater, FL	20	Similar to National Average
Minneapolis-St. Paul-Bloomington, MN-WI	88	Similar to National Average	San Antonio-New Braunfels, TX	28	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	20	Higher than National Average
Phoenix-Mesa-Scottsdale, AZ	87	Lower than National Average	Sacramento--Roseville--Arden-Arcade, CA	27	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	19	Lower than National Average
Tampa-St. Petersburg-Clearwater, FL	80	Higher than National Average	Cincinnati, OH-KY-IN	27	Much Higher than National Average	Houston-The Woodlands-Sugar Land, TX	19	Similar to National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	79	Lower than National Average	Boston-Cambridge-Nashua, MA-NH	27	Lower than National Average	Dallas-Fort Worth-Arlington, TX	19	Much Lower than National Average
New Haven, CT	75	Much Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26	Lower than National Average	Riverside-San Bernardino-Ontario, CA	18	Similar to National Average
Cincinnati, OH-KY-IN	73	Much Higher than National Average	New Haven, CT (Metropolitan NECTA)	25	Much Higher than National Average	New Haven, CT (Metropolitan NECTA)	16	Much Higher than National Average
Seattle-Tacoma-Bellevue, WA	72	Lower than National Average	Louisville/Jefferson County, KY-IN	25	Much Higher than National Average	Las Vegas-Henderson-Paradise, NV	16	Much Higher than National Average
San Antonio-New Braunfels, TX	65	Much Higher than National Average	Baltimore-Columbia-Towson, MD	25	Higher than National Average	Denver-Aurora-Lakewood, CO	16	Lower than National Average
Riverside-San Bernardino-Ontario, CA	60	Similar to National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	24	Much Lower than National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	15	Much Lower than National Average
Louisville/Jefferson County, KY-IN	56	Much Higher than National Average	San Jose-Sunnyvale-Santa Clara, CA	24	Higher than National Average	Virginia Beach-Norfolk-Newport News, VA-NC	14	Much Higher than National Average
Washington-Arlington-Alexandria, DC-VA-MD-WV	55	Much Lower than National Average	Detroit-Warren-Dearborn, MI	21	Lower than National Average	Pittsburgh, PA	14	Higher than National Average
			Quarter 3			Quarter 4		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
Los Angeles-Long Beach-Anaheim, CA	101	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	95	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	95	Much Higher than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	72	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	57	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	57	Much Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	49	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	40	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	40	Similar to National Average
New York-Newark-Jersey City, NY-NJ-PA	38	Lower than National Average	Dallas-Fort Worth-Arlington, TX	32	Similar to National Average	Dallas-Fort Worth-Arlington, TX	32	Similar to National Average
Dallas-Fort Worth-Arlington, TX	31	Lower than National Average	San Diego-Carlsbad, CA	27	Much Higher than National Average	San Diego-Carlsbad, CA	27	Much Higher than National Average
Orlando-Kissimmee-Sanford, FL	30	Much Higher than National Average	Houston-The Woodlands-Sugar Land, TX	26	Higher than National Average	Houston-The Woodlands-Sugar Land, TX	26	Higher than National Average
San Francisco-Oakland-Hayward, CA	28	Similar to National Average	New York-Newark-Jersey City, NY-NJ-PA	22	Much Lower than National Average	New York-Newark-Jersey City, NY-NJ-PA	22	Much Lower than National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26	Similar to National Average	Orlando-Kissimmee-Sanford, FL	21	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	21	Much Higher than National Average
St. Louis, MO-IL	19	Much Higher than National Average	Detroit-Warren-Dearborn, MI	21	Higher than National Average	Detroit-Warren-Dearborn, MI	21	Higher than National Average
Minneapolis-St. Paul-Bloomington, MN-WI	19	Similar to National Average	Tampa-St. Petersburg-Clearwater, FL	18	Higher than National Average	Tampa-St. Petersburg-Clearwater, FL	18	Higher than National Average
San Jose-Sunnyvale-Santa Clara, CA	18	Higher than National Average	St. Louis, MO-IL	18	Much Higher than National Average	St. Louis, MO-IL	18	Much Higher than National Average
San Diego-Carlsbad, CA	17	Similar to National Average	Seattle-Tacoma-Bellevue, WA	18	Similar to National Average	Seattle-Tacoma-Bellevue, WA	18	Similar to National Average
Sacramento--Roseville--Arden-Arcade, CA	17	Much Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	18	Similar to National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	18	Similar to National Average
Louisville/Jefferson County, KY-IN	17	Much Higher than National Average	San Jose-Sunnyvale-Santa Clara, CA	17	Higher than National Average	San Jose-Sunnyvale-Santa Clara, CA	17	Higher than National Average
Denver-Aurora-Lakewood, CO	17	Lower than National Average	San Francisco-Oakland-Hayward, CA	17	Lower than National Average	San Francisco-Oakland-Hayward, CA	17	Lower than National Average
Cincinnati, OH-KY-IN	17	Much Higher than National Average	Baltimore-Columbia-Towson, MD	17	Much Higher than National Average	Baltimore-Columbia-Towson, MD	17	Much Higher than National Average
Seattle-Tacoma-Bellevue, WA	16	Lower than National Average	New Haven, CT (Metropolitan NECTA)	16	Much Higher than National Average	New Haven, CT (Metropolitan NECTA)	16	Much Higher than National Average
Riverside-San Bernardino-Ontario, CA	14	Similar to National Average	Denver-Aurora-Lakewood, CO	15	Lower than National Average	Denver-Aurora-Lakewood, CO	15	Lower than National Average
Phoenix-Mesa-Scottsdale, AZ	14	Much Lower than National Average	Boston-Cambridge-Nashua, MA-NH	15	Much Lower than National Average	Boston-Cambridge-Nashua, MA-NH	15	Much Lower than National Average
Houston-The Woodlands-Sugar Land, TX	14	Lower than National Average	Phoenix-Mesa-Scottsdale, AZ	13	Much Lower than National Average	Phoenix-Mesa-Scottsdale, AZ	13	Much Lower than National Average
Virginia Beach-Norfolk-Newport News, VA-NC	13	Much Higher than National Average	Salt Lake City, UT	12	Much Higher than National Average	Salt Lake City, UT	12	Much Higher than National Average
Tampa-St. Petersburg-Clearwater, FL	13	Similar to National Average	Riverside-San Bernardino-Ontario, CA	12	Similar to National Average	Riverside-San Bernardino-Ontario, CA	12	Similar to National Average
Detroit-Warren-Dearborn, MI	13	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	12	Much Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	12	Much Lower than National Average
San Antonio-New Braunfels, TX	12	Higher than National Average	Portland-Vancouver-Hillsboro, OR-WA	10	Similar to National Average	Portland-Vancouver-Hillsboro, OR-WA	10	Similar to National Average
Salt Lake City, UT	12	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	9	Similar to National Average	Sacramento--Roseville--Arden-Arcade, CA	9	Similar to National Average

Pharmacy Demand Report (PDR)														
Hospital Pharmacist														
Job Postings Per State														
	2020							2021						
State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	0	0	0	0	0	0.00	9,606	6	0	1	6	13	5.95
Alaska	1,002	1	0	1	5	7	6.99	1,002	6	2	5	0	13	12.97
Arizona	12,051	21	3	14	8	46	3.82	12,051	9	9	19	15	52	4.31
Arkansas	6,540	0	0	0	0	0	0.00	6,540	0	1	1	3	5	0.76
California	47,926	88	48	21	21	178	3.71	48,204	46	49	40	35	170	3.53
Colorado	8,832	11	1	4	8	24	2.72	9,064	17	8	3	7	35	3.86
Connecticut	5,545	5	4	3	5	17	3.07	5,545	5	0	4	5	14	2.52
Delaware	2,415	0	0	0	2	2	0.83	2,415	1	0	0	0	1	0.41
District of Columbia	2,045	0	0	0	0	0	0.00	2,036	0	0	0	0	0	0.00
Florida	34,157	18	20	15	9	62	1.82	35,824	14	15	12	12	53	1.48
Georgia	15,216	7	10	10	6	33	2.17	15,216	12	3	9	4	28	1.84
Hawaii	2,451	2	0	0	0	2	0.82	2,451	3	1	2	1	7	2.86
Idaho	4,082	0	0	0	1	1	0.24	3,624	1	5	1	4	11	3.04
Illinois	18,446	19	11	4	11	45	2.44	21,122	25	17	5	23	70	3.31
Indiana	11,497	7	1	1	0	9	0.78	11,497	4	6	0	1	11	0.96
Iowa	6,349	0	0	0	1	1	0.16	6,581	3	0	0	0	3	0.46
Kansas	7,234	0	0	0	0	0	0.00	7,717	1	2	1	1	5	0.65
Kentucky	10,767	8	6	0	0	14	1.30	10,939	5	11	1	5	22	2.01
Louisiana	9,200	16	14	2	1	33	3.59	9,317	1	0	3	1	5	0.54
Maine	2,300	6	0	1	3	10	4.35	2,343	6	1	0	1	8	3.41
Maryland	12,228	8	6	4	1	19	1.55	12,228	2	3	0	6	11	0.90
Massachusetts	13,936	2	3	4	5	14	1.00	14,029	7	10	2	4	23	1.64
Michigan	16,582	10	5	2	3	20	1.21	16,867	2	2	4	9	17	1.01
Minnesota	9,033	3	7	4	5	19	2.10	9,176	12	6	9	9	36	3.92
Mississippi	6,357	0	0	0	0	0	0.00	6,540	1	2	1	1	5	0.76
Missouri	11,320	5	1	1	4	11	0.97	11,822	4	8	1	6	19	1.61
Montana	2,111	1	1	1	0	3	1.42	2,200	1	4	4	8	17	7.73
Nebraska	5,495	9	1	0	7	17	3.09	5,495	7	5	0	2	14	2.55
Nevada	7,721	4	2	2	5	13	1.68	7,721	9	5	6	6	26	3.37
New Hampshire	2,912	0	0	0	0	0	0.00	2,827	0	2	1	0	3	1.06
New Jersey	18,019	8	2	5	2	17	0.94	18,019	9	13	11	5	38	2.11
New Mexico	3,065	7	4	7	4	22	7.18	3,158	5	6	1	4	16	5.07
New York	27,113	14	7	4	1	26	0.96	28,816	12	8	6	1	27	0.94
North Carolina	17,009	3	4	2	2	11	0.65	17,284	5	4	1	5	15	0.87
North Dakota	2,336	0	0	0	0	0	0.00	2,238	2	2	3	4	11	4.92
Ohio	20,979	11	4	5	13	33	1.57	21,906	11	7	7	13	38	1.73
Oklahoma	7,838	5	2	2	0	9	1.15	8,150	2	1	0	2	5	0.61
Oregon	8,488	0	2	1	5	8	0.94	9,006	2	4	4	5	15	1.67
Pennsylvania	24,586	20	1	2	3	26	1.06	23,473	3	8	8	10	29	1.24
Puerto Rico	5,340	0	0	0	0	0	0.00	5,340	0	0	0	0	0	0.00
Rhode Island	2,185	2	0	0	2	4	1.83	2,185	2	0	1	0	3	1.37
South Carolina	9,458	4	2	4	5	15	1.59	9,184	8	4	2	0	14	1.52
South Dakota	2,046	0	0	0	0	0	0.00	2,085	0	0	1	0	1	0.48
Tennessee	12,556	1	1	0	0	2	0.16	12,556	1	0	1	2	4	0.32
Texas	35,669	40	7	20	6	73	2.05	36,154	23	8	8	12	51	1.41
Utah	4,094	2	0	0	0	2	0.49	4,257	0	0	1	1	2	0.47
Vermont	1,231	0	0	0	0	0	0.00	1,227	0	2	0	0	2	1.63
Virginia	15,616	2	0	1	0	3	0.19	16,159	0	0	0	3	3	0.19
Washington	10,969	17	7	4	7	35	3.19	10,969	6	7	5	10	28	2.55
West Virginia	5,522	0	0	0	0	0	0.00	5,522	0	2	0	3	5	0.91
Wisconsin	8,942	18	4	1	4	27	3.02	8,942	2	4	3	15	24	2.68
Wyoming	1,441	1	0	0	0	1	0.69	1,437	0	0	0	0	0	0.00

Pharmacy Demand Report (PDR)								
Hospital Pharmacist								
Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)								
2020			2021					
Full Year			Quarter 1			Quarter 2		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
San Francisco-Oakland-Hayward, CA	48	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	21	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	16	Much Higher than National Average
Phoenix-Mesa-Scottsdale, AZ	39	Much Higher than National Average	Denver-Aurora-Lakewood, CO	16	Much Higher than National Average	San Francisco-Oakland-Hayward, CA	14	Much Higher than National Average
Sacramento--Roseville--Arden-Arcade, CA	38	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	13	Similar to National Average	Orlando-Kissimmee-Sanford, FL	11	Much Higher than National Average
Los Angeles-Long Beach-Anaheim, CA	34	Similar to National Average	Sacramento--Roseville--Arden-Arcade, CA	12	Much Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	10	Much Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	34	Similar to National Average	San Francisco-Oakland-Hayward, CA	11	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	10	Lower than National Average
Dallas-Fort Worth-Arlington, TX	29	Similar to National Average	Orlando-Kissimmee-Sanford, FL	10	Much Higher than National Average	Boston-Cambridge-Nashua, MA-NH	10	Much Higher than National Average
New York-Newark-Jersey City, NY-NJ-PA	26	Much Lower than National Average	Houston-The Woodlands-Sugar Land, TX	9	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	9	Much Higher than National Average
Orlando-Kissimmee-Sanford, FL	24	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	9	Similar to National Average	Phoenix-Mesa-Scottsdale, AZ	8	Higher than National Average
Seattle-Tacoma-Bellevue, WA	23	Higher than National Average	Las Vegas-Henderson-Paradise, NV	8	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	7	Lower than National Average
Denver-Aurora-Lakewood, CO	20	Similar to National Average	Phoenix-Mesa-Scottsdale, AZ	7	Similar to National Average	Seattle-Tacoma-Bellevue, WA	6	Higher than National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	19	Similar to National Average	Boston-Cambridge-Nashua, MA-NH	7	Similar to National Average	Denver-Aurora-Lakewood, CO	6	Higher than National Average
Albuquerque, NM	18	Much Higher than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	6	Similar to National Average	Kansas City, MO-KS	5	Much Higher than National Average
Baltimore-Columbia-Towson, MD	16	Higher than National Average	Lewiston-Auburn, ME (Metropolitan NECTA)	6	Much Higher than National Average	Fresno, CA	5	Much Higher than National Average
Atlanta-Sandy Springs-Roswell, GA	14	Lower than National Average	Fresno, CA	6	Much Higher than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	4	Similar to National Average
Milwaukee-Waukesha-West Allis, WI	13	Much Higher than National Average	Bridgeport-Stamford-Norwalk, CT	5	Much Higher than National Average	St. Louis, MO-IL	3	Higher than National Average
Houston-The Woodlands-Sugar Land, TX	13	Lower than National Average	Vineland-Bridgeton, NJ	4	Much Higher than National Average	Rochester, NY	3	Much Higher than National Average
Bridgeport-Stamford-Norwalk, CT	12	Much Higher than National Average	St. Louis, MO-IL	4	Higher than National Average	Portland-Vancouver-Hillsboro, OR-WA	3	Similar to National Average
Lake Charles, LA	11	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	4	Lower than National Average	Las Vegas-Henderson-Paradise, NV	3	Much Higher than National Average
Cleveland-Elyria, OH	11	Higher than National Average	San Diego-Carlsbad, CA	4	Similar to National Average	Jacksonville, FL	3	Much Higher than National Average
Hilton Head Island-Bluffton-Beaufort, SC	10	Much Higher than National Average	Louisville/Jefferson County, KY-IN	4	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	3	Much Lower than National Average
Fresno, CA	10	Much Higher than National Average	Birmingham-Hoover, AL	4	Much Higher than National Average	York-Hanover, PA	2	Much Higher than National Average
Boston-Cambridge-Nashua, MA-NH	10	Much Lower than National Average	Wichita Falls, TX	3	Much Higher than National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	2	Much Lower than National Average
St. Louis, MO-IL	9	Similar to National Average	Raleigh, NC	3	Higher than National Average	South Bend-Mishawaka, IN-MI	2	Much Higher than National Average
South Bend-Mishawaka, IN-MI	9	Much Higher than National Average	Hilton Head Island-Bluffton-Beaufort, SC	3	Much Higher than National Average	Santa Rosa, CA	2	Much Higher than National Average
Las Vegas-Henderson-Paradise, NV	9	Higher than National Average	Cleveland-Elyria, OH	3	Higher than National Average	Reno, NV	2	Much Higher than National Average
			Quarter 3			Quarter 4		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	13	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	20	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	20	Much Higher than National Average
Phoenix-Mesa-Scottsdale, AZ	11	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	8	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	8	Much Higher than National Average
Sacramento--Roseville--Arden-Arcade, CA	10	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	8	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	8	Much Higher than National Average
Orlando-Kissimmee-Sanford, FL	7	Much Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	8	Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	8	Higher than National Average
New York-Newark-Jersey City, NY-NJ-PA	7	Lower than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	8	Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	8	Higher than National Average
Tucson, AZ	6	Much Higher than National Average	Janesville-Beloit, WI	7	Much Higher than National Average	Janesville-Beloit, WI	7	Much Higher than National Average
San Francisco-Oakland-Hayward, CA	6	Higher than National Average	Tucson, AZ	6	Much Higher than National Average	Tucson, AZ	6	Much Higher than National Average
Seattle-Tacoma-Bellevue, WA	5	Similar to National Average	Montgomery, AL	6	Much Higher than National Average	Montgomery, AL	6	Much Higher than National Average
Fresno, CA	5	Much Higher than National Average	Milwaukee-Waukesha-West Allis, WI	6	Much Higher than National Average	Milwaukee-Waukesha-West Allis, WI	6	Much Higher than National Average
Las Vegas-Henderson-Paradise, NV	4	Much Higher than National Average	Duluth, MN-WI	6	Much Higher than National Average	Duluth, MN-WI	6	Much Higher than National Average
Duluth, MN-WI	4	Much Higher than National Average	Baltimore-Columbia-Towson, MD	6	Much Higher than National Average	Baltimore-Columbia-Towson, MD	6	Much Higher than National Average
Dallas-Fort Worth-Arlington, TX	4	Much Lower than National Average	Tampa-St. Petersburg-Clearwater, FL	5	Higher than National Average	Tampa-St. Petersburg-Clearwater, FL	5	Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	4	Much Lower than National Average	San Francisco-Oakland-Hayward, CA	5	Lower than National Average	San Francisco-Oakland-Hayward, CA	5	Lower than National Average
Vallejo-Fairfield, CA	3	Much Higher than National Average	Reno, NV	5	Much Higher than National Average	Reno, NV	5	Much Higher than National Average
Savannah, GA	3	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	5	Much Lower than National Average	New York-Newark-Jersey City, NY-NJ-PA	5	Much Lower than National Average
Milwaukee-Waukesha-West Allis, WI	3	Much Higher than National Average	Jacksonville, FL	5	Much Higher than National Average	Jacksonville, FL	5	Much Higher than National Average
Denver-Aurora-Lakewood, CO	3	Similar to National Average	Denver-Aurora-Lakewood, CO	5	Similar to National Average	Denver-Aurora-Lakewood, CO	5	Similar to National Average
Urban Honolulu, HI	2	Much Higher than National Average	San Diego-Carlsbad, CA	4	Similar to National Average	San Diego-Carlsbad, CA	4	Similar to National Average
Santa Rosa, CA	2	Much Higher than National Average	Niles-Benton Harbor, MI	4	Much Higher than National Average	Niles-Benton Harbor, MI	4	Much Higher than National Average
San Jose-Sunnyvale-Santa Clara, CA	2	Similar to National Average	Fargo, ND-MN	4	Much Higher than National Average	Fargo, ND-MN	4	Much Higher than National Average
San Diego-Carlsbad, CA	2	Lower than National Average	Cincinnati, OH-KY-IN	4	Much Higher than National Average	Cincinnati, OH-KY-IN	4	Much Higher than National Average
Reno, NV	2	Much Higher than National Average	Canton-Massillon, OH	4	Much Higher than National Average	Canton-Massillon, OH	4	Much Higher than National Average
Portland-Vancouver-Hillsboro, OR-WA	2	Similar to National Average	Boston-Cambridge-Nashua, MA-NH	4	Much Lower than National Average	Boston-Cambridge-Nashua, MA-NH	4	Much Lower than National Average
Norwich-New London-Westerly, CT-RI	2	Much Higher than National Average	Boise City, ID	4	Much Higher than National Average	Boise City, ID	4	Much Higher than National Average
Minneapolis-St. Paul-Bloomington, MN-WI	2	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	4	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	4	Lower than National Average

Pharmacy Demand Report (PDR)														
Other Pharmacist Occupations														
(Compounding, Informatics, Infusion, Long-Term Care, Nuclear Pharmacist, Oncology)														
Job Postings Per State														
	2020							2021						
State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	4	0	2	2	8	0.77	9,606	4	1	6	6	17	1.77
Alaska	1,002	1	0	0	0	1	1.00	1,002	4	2	0	1	7	6.99
Arizona	12,051	18	9	12	16	55	4.56	12,051	25	28	23	27	103	8.55
Arkansas	6,540	5	3	0	3	11	1.68	6,540	6	2	1	10	19	2.91
California	47,926	148	94	76	48	366	7.64	48,204	124	77	78	121	400	8.30
Colorado	8,832	16	12	13	16	57	6.45	9,064	21	18	14	14	67	7.39
Connecticut	5,545	11	3	11	9	34	6.13	5,545	11	17	17	16	61	11.00
Delaware	2,415	0	0	1	0	1	0.41	2,415	1	2	2	1	6	2.48
District of Columbia	2,045	2	0	1	2	5	2.44	2,036	4	4	0	3	11	5.40
Florida	34,157	61	26	30	29	146	4.27	35,824	71	43	40	59	213	5.95
Georgia	15,216	23	9	15	5	52	3.42	15,216	13	5	7	12	37	2.43
Hawaii	2,451	4	1	0	0	5	2.04	2,451	1	1	0	3	5	2.04
Idaho	4,082	8	1	6	3	18	4.41	3,624	16	7	7	1	31	8.55
Illinois	18,446	38	15	10	6	69	3.74	21,122	24	30	22	22	98	4.64
Indiana	11,497	24	13	5	22	64	5.57	11,497	33	11	13	19	76	6.61
Iowa	6,349	2	0	1	0	3	0.47	6,581	2	4	2	4	12	1.82
Kansas	7,234	6	8	1	0	15	2.07	7,717	5	1	2	1	9	1.17
Kentucky	10,767	10	4	2	2	18	1.67	10,939	10	2	2	3	17	1.55
Louisiana	9,200	36	2	4	4	46	5.00	9,317	26	5	5	5	41	4.40
Maine	2,300	3	2	1	0	6	2.61	2,343	2	0	1	0	3	1.28
Maryland	12,228	7	9	13	7	36	2.94	12,228	13	11	4	8	36	2.94
Massachusetts	13,936	21	11	13	11	56	4.02	14,029	17	7	8	9	41	2.92
Michigan	16,582	72	31	16	28	147	8.87	16,867	41	19	33	25	118	7.00
Minnesota	9,033	9	7	5	2	23	2.55	9,176	13	9	2	10	34	3.71
Mississippi	6,357	1	3	0	0	4	0.63	6,540	0	6	1	1	8	1.22
Missouri	11,320	35	7	12	11	65	5.74	11,822	15	14	10	7	46	3.89
Montana	2,111	9	0	2	0	11	5.21	2,200	1	3	2	3	9	4.09
Nebraska	5,495	3	0	0	0	3	0.55	5,495	0	1	0	0	1	0.18
Nevada	7,721	21	7	7	5	40	5.18	7,721	11	3	5	5	24	3.11
New Hampshire	2,912	7	3	5	5	20	6.87	2,827	10	5	5	1	21	7.43
New Jersey	18,019	50	30	6	16	102	5.66	18,019	30	31	34	50	145	8.05
New Mexico	3,065	8	5	1	1	15	4.89	3,158	5	2	2	1	10	3.17
New York	27,113	48	8	15	23	94	3.47	28,816	36	33	29	31	129	4.48
North Carolina	17,009	17	4	17	20	58	3.41	17,284	64	44	32	26	166	9.60
North Dakota	2,336	0	1	0	0	1	0.43	2,238	0	1	0	2	3	1.34
Ohio	20,979	139	21	38	94	292	13.92	21,906	100	33	33	42	208	9.50
Oklahoma	7,838	8	5	6	3	22	2.81	8,150	7	4	5	2	18	2.21
Oregon	8,488	6	2	1	4	13	1.53	9,006	9	6	3	10	28	3.11
Pennsylvania	24,586	44	30	14	14	102	4.15	23,473	33	14	24	21	92	3.92
Puerto Rico	5,340	2	0	0	1	3	0.56	5,340	1	0	1	0	2	0.37
Rhode Island	2,185	8	2	1	0	11	5.03	2,185	3	0	2	0	5	2.29
South Carolina	9,458	3	4	2	8	17	1.80	9,184	7	0	3	3	13	1.42
South Dakota	2,046	2	1	0	0	3	1.47	2,085	2	0	3	1	6	2.88
Tennessee	12,556	6	1	5	3	15	1.19	12,556	8	4	2	14	28	2.23
Texas	35,669	62	22	18	29	131	3.67	36,154	66	39	49	43	197	5.45
Utah	4,094	8	2	2	2	14	3.42	4,257	1	4	1	2	8	1.88
Vermont	1,231	1	0	0	0	1	0.81	1,227	0	3	1	2	6	4.89
Virginia	15,616	6	1	6	6	19	1.22	16,159	19	4	13	20	56	3.47
Washington	10,969	22	11	4	11	48	4.38	10,969	16	12	7	22	57	5.20
West Virginia	5,522	0	0	1	1	2	0.36	5,522	3	1	0	1	5	0.91
Wisconsin	8,942	5	8	2	4	19	2.12	8,942	18	14	4	7	43	4.81
Wyoming	1,441	2	0	0	0	2	1.39	1,437	4	2	1	0	7	4.87

Pharmacy Demand Report (PDR)								
Other Pharmacist Occupations								
(Compounding, Informatics, Infusion, Long-Term Care, Nuclear Pharmacist, Oncology)								
Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)								
2020			2021					
Full Year			Quarter 1			Quarter 2		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
New York-Newark-Jersey City, NY-NJ-PA	149	Higher than National Average	Cleveland-Elyria, OH	52	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	31	Similar to National Average
Cleveland-Elyria, OH	138	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	46	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	30	Much Higher than National Average
Los Angeles-Long Beach-Anaheim, CA	117	Similar to National Average	Los Angeles-Long Beach-Anaheim, CA	40	Similar to National Average	Phoenix-Mesa-Scottsdale, AZ	24	Much Higher than National Average
Detroit-Warren-Dearborn, MI	97	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	27	Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	16	Lower than National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	78	Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	23	Higher than National Average	Durham-Chapel Hill, NC	16	Much Higher than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	75	Much Higher than National Average	Indianapolis-Carmel-Anderson, IN	22	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	15	Much Higher than National Average
San Diego-Carlsbad, CA	62	Much Higher than National Average	Houston-The Woodlands-Sugar Land, TX	22	Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	15	Higher than National Average
Sacramento--Roseville--Arden-Arcade, CA	61	Much Higher than National Average	Raleigh, NC	20	Much Higher than National Average	Denver-Aurora-Lakewood, CO	15	Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	59	Lower than National Average	Detroit-Warren-Dearborn, MI	19	Higher than National Average	Houston-The Woodlands-Sugar Land, TX	14	Higher than National Average
Boston-Cambridge-Nashua, MA-NH	49	Similar to National Average	Baton Rouge, LA	19	Much Higher than National Average	Milwaukee-Waukesha-West Allis, WI	13	Much Higher than National Average
Dallas-Fort Worth-Arlington, TX	44	Much Lower than National Average	Chicago-Naperville-Elgin, IL-IN-WI	18	Much Lower than National Average	Cleveland-Elyria, OH	12	Much Higher than National Average
Denver-Aurora-Lakewood, CO	42	Similar to National Average	Sacramento--Roseville--Arden-Arcade, CA	17	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	11	Much Lower than National Average
Phoenix-Mesa-Scottsdale, AZ	41	Lower than National Average	Tampa-St. Petersburg-Clearwater, FL	16	Higher than National Average	Seattle-Tacoma-Bellevue, WA	10	Similar to National Average
Houston-The Woodlands-Sugar Land, TX	41	Similar to National Average	Phoenix-Mesa-Scottsdale, AZ	15	Lower than National Average	San Diego-Carlsbad, CA	10	Higher than National Average
Kansas City, MO-KS	38	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	15	Much Lower than National Average	San Francisco-Oakland-Hayward, CA	9	Lower than National Average
Atlanta-Sandy Springs-Roswell, GA	38	Lower than National Average	Boston-Cambridge-Nashua, MA-NH	14	Lower than National Average	Port St. Lucie, FL	9	Much Higher than National Average
Seattle-Tacoma-Bellevue, WA	37	Similar to National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	13	Much Lower than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	9	Lower than National Average
Youngstown-Warren-Boardman, OH-PA	35	Much Higher than National Average	Milwaukee-Waukesha-West Allis, WI	13	Much Higher than National Average	Jacksonville, FL	9	Much Higher than National Average
Las Vegas-Henderson-Paradise, NV	34	Much Higher than National Average	Kansas City, MO-KS	13	Higher than National Average	Cincinnati, OH-KY-IN	9	Much Higher than National Average
St. Louis, MO-IL	33	Higher than National Average	Durham-Chapel Hill, NC	13	Much Higher than National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	8	Much Lower than National Average
Akron, OH	33	Much Higher than National Average	Denver-Aurora-Lakewood, CO	13	Lower than National Average	Indianapolis-Carmel-Anderson, IN	8	Much Higher than National Average
San Francisco-Oakland-Hayward, CA	30	Much Lower than National Average	Boise City, ID	13	Much Higher than National Average	San Antonio-New Braunfels, TX	7	Much Higher than National Average
Ann Arbor, MI	28	Much Higher than National Average	San Francisco-Oakland-Hayward, CA	12	Much Lower than National Average	Rochester, NY	7	Much Higher than National Average
Baltimore-Columbia-Towson, MD	27	Similar to National Average	Columbus, OH	12	Higher than National Average	Orlando-Kissimmee-Sanford, FL	7	Similar to National Average
Indianapolis-Carmel-Anderson, IN	26	Similar to National Average	Cincinnati, OH-KY-IN	11	Higher than National Average	Grand Rapids-Wyoming, MI	7	Much Higher than National Average
			Quarter 3			Quarter 4		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
New York-Newark-Jersey City, NY-NJ-PA	50	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	66	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	66	Much Higher than National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	30	Similar to National Average	Los Angeles-Long Beach-Anaheim, CA	30	Similar to National Average
Los Angeles-Long Beach-Anaheim, CA	23	Similar to National Average	San Diego-Carlsbad, CA	25	Much Higher than National Average	San Diego-Carlsbad, CA	25	Much Higher than National Average
Dallas-Fort Worth-Arlington, TX	22	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	24	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	24	Similar to National Average
Detroit-Warren-Dearborn, MI	21	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	20	Higher than National Average	Seattle-Tacoma-Bellevue, WA	20	Higher than National Average
Phoenix-Mesa-Scottsdale, AZ	20	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	20	Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	20	Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	15	Lower than National Average	Phoenix-Mesa-Scottsdale, AZ	19	Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	19	Higher than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	13	Similar to National Average	Houston-The Woodlands-Sugar Land, TX	16	Higher than National Average	Houston-The Woodlands-Sugar Land, TX	16	Higher than National Average
Hickory-Lenoir-Morganton, NC	13	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	14	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	14	Much Higher than National Average
San Antonio-New Braunfels, TX	12	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	13	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	13	Much Higher than National Average
Cleveland-Elyria, OH	12	Much Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	13	Similar to National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	13	Similar to National Average
Cincinnati, OH-KY-IN	12	Much Higher than National Average	Denver-Aurora-Lakewood, CO	13	Similar to National Average	Denver-Aurora-Lakewood, CO	13	Similar to National Average
Sacramento--Roseville--Arden-Arcade, CA	11	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	12	Much Lower than National Average	Dallas-Fort Worth-Arlington, TX	12	Much Lower than National Average
San Diego-Carlsbad, CA	9	Similar to National Average	Cincinnati, OH-KY-IN	12	Much Higher than National Average	Cincinnati, OH-KY-IN	12	Much Higher than National Average
Orlando-Kissimmee-Sanford, FL	9	Much Higher than National Average	Durham-Chapel Hill, NC	11	Much Higher than National Average	Durham-Chapel Hill, NC	11	Much Higher than National Average
Durham-Chapel Hill, NC	8	Much Higher than National Average	Nashville-Davidson--Murfreesboro--Franklin, TN	10	Much Higher than National Average	Nashville-Davidson--Murfreesboro--Franklin, TN	10	Much Higher than National Average
Denver-Aurora-Lakewood, CO	8	Lower than National Average	Tampa-St. Petersburg-Clearwater, FL	9	Similar to National Average	Tampa-St. Petersburg-Clearwater, FL	9	Similar to National Average
Virginia Beach-Norfolk-Newport News, VA-NC	7	Much Higher than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	9	Similar to National Average	Minneapolis-St. Paul-Bloomington, MN-WI	9	Similar to National Average
San Francisco-Oakland-Hayward, CA	7	Much Lower than National Average	Cleveland-Elyria, OH	9	Much Higher than National Average	Cleveland-Elyria, OH	9	Much Higher than National Average
Kansas City, MO-KS	7	Higher than National Average	San Jose-Sunnyvale-Santa Clara, CA	8	Similar to National Average	San Jose-Sunnyvale-Santa Clara, CA	8	Similar to National Average
Indianapolis-Carmel-Anderson, IN	7	Higher than National Average	San Francisco-Oakland-Hayward, CA	8	Much Lower than National Average	San Francisco-Oakland-Hayward, CA	8	Much Lower than National Average
Boston-Cambridge-Nashua, MA-NH	7	Much Lower than National Average	Riverside-San Bernardino-Ontario, CA	8	Similar to National Average	Riverside-San Bernardino-Ontario, CA	8	Similar to National Average
San Jose-Sunnyvale-Santa Clara, CA	6	Similar to National Average	Niles-Benton Harbor, MI	8	Much Higher than National Average	Niles-Benton Harbor, MI	8	Much Higher than National Average
Houston-The Woodlands-Sugar Land, TX	6	Much Lower than National Average	Little Rock-North Little Rock-Conway, AR	8	Much Higher than National Average	Little Rock-North Little Rock-Conway, AR	8	Much Higher than National Average
Colorado Springs, CO	6	Much Higher than National Average	Raleigh, NC	7	Much Higher than National Average	Raleigh, NC	7	Much Higher than National Average

Pharmacy Demand Report (PDR)														
Pharmacy Director														
Job Postings Per State														
	2020							2021						
State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	1	0	0	0	1	0.10	9,606	0	1	0	1	2	0.21
Alaska	1,002	2	0	0	2	4	3.99	1,002	3	1	0	7	11	10.98
Arizona	12,051	17	5	0	0	22	1.83	12,051	3	3	5	1	12	1.00
Arkansas	6,540	4	0	0	1	5	0.76	6,540	2	0	1	0	3	0.46
California	47,926	57	20	47	14	138	2.88	48,204	38	30	31	30	129	2.68
Colorado	8,832	7	2	1	3	13	1.47	9,064	4	4	2	5	15	1.65
Connecticut	5,545	0	1	1	0	2	0.36	5,545	0	2	3	0	5	0.90
Delaware	2,415	1	0	0	0	1	0.41	2,415	0	0	0	0	0	0.00
District of Columbia	2,045	2	1	0	1	4	1.96	2,036	1	0	0	0	1	0.49
Florida	34,157	12	5	8	11	36	1.05	35,824	17	28	9	6	60	1.67
Georgia	15,216	3	2	0	3	8	0.53	15,216	4	5	1	2	12	0.79
Hawaii	2,451	4	0	0	0	4	1.63	2,451	0	0	1	0	1	0.41
Idaho	4,082	4	3	1	2	10	2.45	3,624	1	1	0	1	3	0.83
Illinois	18,446	3	5	1	3	12	0.65	21,122	10	7	3	4	24	1.14
Indiana	11,497	4	3	2	4	13	1.13	11,497	6	3	5	4	18	1.57
Iowa	6,349	1	0	1	0	2	0.32	6,581	1	2	1	0	4	0.61
Kansas	7,234	2	0	1	0	3	0.41	7,717	0	2	1	5	8	1.04
Kentucky	10,767	7	4	2	1	14	1.30	10,939	3	1	3	4	11	1.01
Louisiana	9,200	3	0	2	1	6	0.65	9,317	2	6	7	6	21	2.25
Maine	2,300	0	0	0	0	0	0.00	2,343	2	2	0	1	5	2.13
Maryland	12,228	5	0	0	0	5	0.41	12,228	0	1	5	2	8	0.65
Massachusetts	13,936	4	4	1	2	11	0.79	14,029	1	0	0	1	2	0.14
Michigan	16,582	13	5	1	1	20	1.21	16,867	5	7	4	10	26	1.54
Minnesota	9,033	2	0	0	0	2	0.22	9,176	2	1	1	3	7	0.76
Mississippi	6,357	0	0	0	0	0	0.00	6,540	0	1	1	0	2	0.31
Missouri	11,320	4	0	1	1	6	0.53	11,822	1	6	1	1	9	0.76
Montana	2,111	0	0	0	0	0	0.00	2,200	0	2	1	0	3	1.36
Nebraska	5,495	1	1	2	0	4	0.73	5,495	2	4	1	1	8	1.46
Nevada	7,721	6	1	5	2	14	1.81	7,721	3	3	4	5	15	1.94
New Hampshire	2,912	0	2	0	0	2	0.69	2,827	0	1	0	1	2	0.71
New Jersey	18,019	7	2	0	3	12	0.67	18,019	2	1	0	0	3	0.17
New Mexico	3,065	1	3	1	0	5	1.63	3,158	0	1	4	8	13	4.12
New York	27,113	5	0	2	0	7	0.26	28,816	5	4	6	4	19	0.66
North Carolina	17,009	4	3	3	1	11	0.65	17,284	6	9	11	8	34	1.97
North Dakota	2,336	0	0	2	0	2	0.86	2,238	0	1	1	0	2	0.89
Ohio	20,979	15	7	7	2	31	1.48	21,906	5	13	9	10	37	1.69
Oklahoma	7,838	2	0	0	1	3	0.38	8,150	1	4	1	0	6	0.74
Oregon	8,488	4	3	3	2	12	1.41	9,006	3	3	1	3	10	1.11
Pennsylvania	24,586	15	8	1	3	27	1.10	23,473	5	3	3	5	16	0.68
Puerto Rico	5,340	0	0	1	1	2	0.37	5,340	1	0	0	0	1	0.19
Rhode Island	2,185	0	0	0	0	0	0.00	2,185	0	0	0	0	0	0.00
South Carolina	9,458	2	4	0	1	7	0.74	9,184	1	6	0	4	11	1.20
South Dakota	2,046	0	0	0	0	0	0.00	2,085	0	0	0	0	0	0.00
Tennessee	12,556	0	1	7	1	9	0.72	12,556	1	4	3	4	12	0.96
Texas	35,669	31	22	12	19	84	2.35	36,154	24	21	15	24	84	2.32
Utah	4,094	0	1	0	1	2	0.49	4,257	1	0	2	2	5	1.17
Vermont	1,231	0	0	0	0	0	0.00	1,227	0	1	0	4	5	4.07
Virginia	15,616	4	5	0	0	9	0.58	16,159	9	6	3	9	27	1.67
Washington	10,969	6	4	1	4	15	1.37	10,969	5	21	3	6	35	3.19
West Virginia	5,522	3	1	0	1	5	0.91	5,522	0	1	1	1	3	0.54
Wisconsin	8,942	8	4	3	1	16	1.79	8,942	3	2	7	4	16	1.79
Wyoming	1,441	0	0	0	0	0	0.00	1,437	0	0	1	0	1	0.70

Pharmacy Demand Report (PDR)								
Pharmacy Director								
Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)								
2020			2021					
Full Year			Quarter 1			Quarter 2		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
Los Angeles-Long Beach-Anaheim, CA	43	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	10	Much Higher than National Average	Tampa-St. Petersburg-Clearwater, FL	11	Much Higher than National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	22	Much Higher than National Average	Modesto, CA	8	Much Higher than National Average	Spokane-Spokane Valley, WA	11	Much Higher than National Average
Dallas-Fort Worth-Arlington, TX	21	Similar to National Average	Dallas-Fort Worth-Arlington, TX	8	Higher than National Average	Dallas-Fort Worth-Arlington, TX	10	Higher than National Average
San Diego-Carlsbad, CA	20	Much Higher than National Average	Richmond, VA	7	Much Higher than National Average	Austin-Round Rock, TX	8	Much Higher than National Average
Phoenix-Mesa-Scottsdale, AZ	19	Higher than National Average	Houston-The Woodlands-Sugar Land, TX	7	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	6	Higher than National Average
San Francisco-Oakland-Hayward, CA	18	Similar to National Average	Tampa-St. Petersburg-Clearwater, FL	6	Much Higher than National Average	Dayton, OH	6	Much Higher than National Average
New York-Newark-Jersey City, NY-NJ-PA	17	Much Lower than National Average	San Francisco-Oakland-Hayward, CA	6	Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	5	Much Lower than National Average
Houston-The Woodlands-Sugar Land, TX	17	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	5	Much Lower than National Average	Los Angeles-Long Beach-Anaheim, CA	5	Much Lower than National Average
Chicago-Naperville-Elgin, IL-IN-WI	15	Lower than National Average	Los Angeles-Long Beach-Anaheim, CA	5	Lower than National Average	Jacksonville, FL	5	Much Higher than National Average
San Antonio-New Braunfels, TX	14	Much Higher than National Average	Austin-Round Rock, TX	5	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	5	Lower than National Average
Corpus Christi, TX	14	Much Higher than National Average	Portland-Vancouver-Hillsboro, OR-WA	4	Much Higher than National Average	Visalia-Porterville, CA	4	Much Higher than National Average
Seattle-Tacoma-Bellevue, WA	13	Similar to National Average	South Bend-Mishawaka, IN-MI	3	Much Higher than National Average	Portland-Vancouver-Hillsboro, OR-WA	4	Much Higher than National Average
Tampa-St. Petersburg-Clearwater, FL	12	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	3	Similar to National Average	Orlando-Kissimmee-Sanford, FL	4	Much Higher than National Average
Modesto, CA	11	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	3	Lower than National Average	Oklahoma City, OK	4	Much Higher than National Average
Las Vegas-Henderson-Paradise, NV	11	Much Higher than National Average	Las Vegas-Henderson-Paradise, NV	3	Much Higher than National Average	Cleveland-Elyria, OH	4	Much Higher than National Average
Bakersfield, CA	11	Much Higher than National Average	Detroit-Warren-Dearborn, MI	3	Similar to National Average	Bakersfield, CA	4	Much Higher than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	10	Similar to National Average	Bakersfield, CA	3	Much Higher than National Average	Yakima, WA	3	Much Higher than National Average
Detroit-Warren-Dearborn, MI	10	Similar to National Average	Visalia-Porterville, CA	2	Much Higher than National Average	Tallahassee, FL	3	Much Higher than National Average
Boise City, ID	10	Much Higher than National Average	Virginia Beach-Norfolk-Newport News, VA-NC	2	Much Higher than National Average	St. Louis, MO-IL	3	Higher than National Average
Austin-Round Rock, TX	10	Higher than National Average	Sebastian-Vero Beach, FL	2	Much Higher than National Average	Spartanburg, SC	3	Much Higher than National Average
Washington-Arlington-Alexandria, DC-VA-MD-WV	9	Much Lower than National Average	Santa Cruz-Watsonville, CA	2	Much Higher than National Average	San Francisco-Oakland-Hayward, CA	3	Much Lower than National Average
Portland-Vancouver-Hillsboro, OR-WA	9	Higher than National Average	San Diego-Carlsbad, CA	2	Similar to National Average	San Diego-Carlsbad, CA	3	Similar to National Average
Dayton, OH	9	Much Higher than National Average	Riverside-San Bernardino-Ontario, CA	2	Similar to National Average	Richmond, VA	3	Much Higher than National Average
Boston-Cambridge-Nashua, MA-NH	9	Much Lower than National Average	Pittsburgh, PA	2	Higher than National Average	Nashville-Davidson--Murfreesboro--Franklin, TN	3	Much Higher than National Average
South Bend-Mishawaka, IN-MI	8	Much Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	2	Much Lower than National Average	Las Vegas-Henderson-Paradise, NV	3	Much Higher than National Average
			Quarter 3			Quarter 4		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
Los Angeles-Long Beach-Anaheim, CA	10	Higher than National Average	San Antonio-New Braunfels, TX	6	Much Higher than National Average			
Dallas-Fort Worth-Arlington, TX	9	Much Higher than National Average	Kansas City, MO-KS	6	Much Higher than National Average			
Phoenix-Mesa-Scottsdale, AZ	5	Higher than National Average	Detroit-Warren-Dearborn, MI	6	Much Higher than National Average			
Bakersfield, CA	5	Much Higher than National Average	Richmond, VA	5	Much Higher than National Average			
Tampa-St. Petersburg-Clearwater, FL	4	Much Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	5	Similar to National Average			
San Francisco-Oakland-Hayward, CA	4	Similar to National Average	Las Cruces, NM	5	Much Higher than National Average			
San Diego-Carlsbad, CA	4	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	4	Similar to National Average			
Raleigh, NC	4	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	4	Much Higher than National Average			
Miami-Fort Lauderdale-West Palm Beach, FL	4	Higher than National Average	Raleigh, NC	4	Much Higher than National Average			
Baltimore-Columbia-Towson, MD	4	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	4	Much Lower than National Average			
Richmond, VA	3	Much Higher than National Average	Houston-The Woodlands-Sugar Land, TX	4	Similar to National Average			
New Orleans-Metairie, LA	3	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	4	Much Lower than National Average			
Nashville-Davidson--Murfreesboro--Franklin, TN	3	Much Higher than National Average	Bakersfield, CA	4	Much Higher than National Average			
Milwaukee-Waukesha-West Allis, WI	3	Much Higher than National Average	San Francisco-Oakland-Hayward, CA	3	Lower than National Average			
Las Vegas-Henderson-Paradise, NV	3	Much Higher than National Average	San Diego-Carlsbad, CA	3	Similar to National Average			
Columbus, OH	3	Much Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	3	Lower than National Average			
Chicago-Naperville-Elgin, IL-IN-WI	3	Much Lower than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	3	Similar to National Average			
Visalia-Porterville, CA	2	Much Higher than National Average	Lexington-Fayette, KY	3	Much Higher than National Average			
Spokane-Spokane Valley, WA	2	Much Higher than National Average	Las Vegas-Henderson-Paradise, NV	3	Much Higher than National Average			
San Antonio-New Braunfels, TX	2	Much Higher than National Average	Killeen-Temple, TX	3	Much Higher than National Average			
Salt Lake City, UT	2	Much Higher than National Average	Denver-Aurora-Lakewood, CO	3	Lower than National Average			
Rochester, NY	2	Much Higher than National Average	Cleveland-Elyria, OH	3	Much Higher than National Average			
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	2	Much Lower than National Average	Chicago-Naperville-Elgin, IL-IN-WI	3	Much Lower than National Average			
Las Cruces, NM	2	Much Higher than National Average	Baton Rouge, LA	3	Much Higher than National Average			
Indianapolis-Carmel-Anderson, IN	2	Higher than National Average	Youngstown-Warren-Boardman, OH-PA	2	Much Higher than National Average			

Pharmacy Demand Report (PDR)														
Retail Pharmacist														
Job Postings Per State														
	2020							2021						
State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	8	2	12	5	27	2.61	9,606	6	3	14	30	53	5.52
Alaska	1,002	3	2	3	6	14	13.97	1,002	6	8	6	3	23	22.95
Arizona	12,051	86	29	29	71	215	17.84	12,051	95	55	69	93	312	25.89
Arkansas	6,540	6	2	3	3	14	2.14	6,540	8	8	3	12	31	4.74
California	47,926	321	150	83	91	645	13.46	48,204	154	106	97	130	487	10.10
Colorado	8,832	41	21	12	9	83	9.40	9,064	14	36	17	26	93	10.26
Connecticut	5,545	9	3	4	7	23	4.15	5,545	12	15	10	23	60	10.82
Delaware	2,415	1	0	1	4	6	2.48	2,415	1	10	3	1	15	6.21
District of Columbia	2,045	2	3	0	2	7	3.42	2,036	3	5	4	2	14	6.88
Florida	34,157	106	54	100	64	324	9.49	35,824	137	79	109	89	414	11.56
Georgia	15,216	33	29	44	26	132	8.68	15,216	59	32	40	37	168	11.04
Hawaii	2,451	0	1	1	2	4	1.63	2,451	4	2	0	2	8	3.26
Idaho	4,082	6	5	6	11	28	6.86	3,624	14	11	22	16	63	17.38
Illinois	18,446	41	23	13	43	120	6.51	21,122	72	37	50	54	213	10.08
Indiana	11,497	21	8	12	23	64	5.57	11,497	32	24	16	28	100	8.70
Iowa	6,349	4	3	0	3	10	1.58	6,581	7	14	12	6	39	5.93
Kansas	7,234	12	10	5	4	31	4.29	7,717	12	19	5	19	55	7.13
Kentucky	10,767	26	9	0	8	43	3.99	10,939	13	28	5	7	53	4.85
Louisiana	9,200	18	12	5	12	47	5.11	9,317	27	8	7	5	47	5.04
Maine	2,300	4	2	2	2	10	4.35	2,343	5	5	5	0	15	6.40
Maryland	12,228	15	6	6	7	34	2.78	12,228	15	12	10	6	43	3.52
Massachusetts	13,936	26	11	9	8	54	3.87	14,029	13	13	16	22	64	4.56
Michigan	16,582	42	18	7	27	94	5.67	16,867	49	48	32	70	199	11.80
Minnesota	9,033	9	10	2	6	27	2.99	9,176	29	22	22	21	94	10.24
Mississippi	6,357	6	1	1	0	8	1.26	6,540	1	7	11	2	21	3.21
Missouri	11,320	36	9	11	19	75	6.63	11,822	30	21	17	17	85	7.19
Montana	2,111	12	2	1	1	16	7.58	2,200	10	14	7	1	32	14.55
Nebraska	5,495	25	5	7	3	40	7.28	5,495	10	36	2	5	53	9.65
Nevada	7,721	32	17	17	11	77	9.97	7,721	20	16	13	17	66	8.55
New Hampshire	2,912	13	4	6	5	28	9.62	2,827	4	4	2	5	15	5.31
New Jersey	18,019	44	34	21	27	126	6.99	18,019	35	46	46	31	158	8.77
New Mexico	3,065	16	2	4	5	27	8.81	3,158	6	6	5	2	19	6.02
New York	27,113	68	86	21	49	224	8.26	28,816	110	51	75	82	318	11.04
North Carolina	17,009	13	12	14	9	48	2.82	17,284	33	8	5	12	58	3.36
North Dakota	2,336	36	6	6	3	51	21.83	2,238	13	7	5	7	32	14.30
Ohio	20,979	75	29	19	20	143	6.82	21,906	28	31	30	71	160	7.30
Oklahoma	7,838	8	11	5	9	33	4.21	8,150	30	18	12	12	72	8.83
Oregon	8,488	23	16	5	19	63	7.42	9,006	24	42	40	54	160	17.77
Pennsylvania	24,586	116	57	27	44	244	9.92	23,473	70	67	55	62	254	10.82
Puerto Rico	5,340	1	0	4	1	6	1.12	5,340	0	3	3	2	8	1.50
Rhode Island	2,185	5	5	0	6	16	7.32	2,185	5	7	2	8	22	10.07
South Carolina	9,458	21	11	11	18	61	6.45	9,184	34	10	12	11	67	7.30
South Dakota	2,046	3	0	2	1	6	2.93	2,085	6	7	7	1	21	10.07
Tennessee	12,556	18	4	14	16	52	4.14	12,556	24	13	6	17	60	4.78
Texas	35,669	126	47	47	49	269	7.54	36,154	98	80	76	78	332	9.18
Utah	4,094	9	1	1	2	13	3.18	4,257	2	17	8	9	36	8.46
Vermont	1,231	0	0	1	2	3	2.44	1,227	1	0	1	0	2	1.63
Virginia	15,616	14	4	2	6	26	1.66	16,159	13	16	12	16	57	3.53
Washington	10,969	76	31	9	24	140	12.76	10,969	40	43	61	83	227	20.69
West Virginia	5,522	3	1	0	5	9	1.63	5,522	1	1	0	1	3	0.54
Wisconsin	8,942	34	16	3	10	63	7.05	8,942	21	9	4	10	44	4.92
Wyoming	1,441	2	2	1	0	5	3.47	1,437	0	3	0	3	6	4.18

Pharmacy Demand Report (PDR)								
Retail Pharmacist								
Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)								
2020			2021					
Full Year			Quarter 1			Quarter 2		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
New York-Newark-Jersey City, NY-NJ-PA	256	Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	101	Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	63	Similar to National Average
Phoenix-Mesa-Scottsdale, AZ	166	Much Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	71	Much Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	48	Much Higher than National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	120	Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	44	Similar to National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	43	Much Higher than National Average
Los Angeles-Long Beach-Anaheim, CA	118	Lower than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	43	Higher than National Average	Houston-The Woodlands-Sugar Land, TX	28	Higher than National Average
San Francisco-Oakland-Hayward, CA	100	Similar to National Average	San Francisco-Oakland-Hayward, CA	37	Similar to National Average	Miami-Fort Lauderdale-West Palm Beach, FL	26	Similar to National Average
Chicago-Naperville-Elgin, IL-IN-WI	95	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	32	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	25	Lower than National Average
Seattle-Tacoma-Bellevue, WA	94	Higher than National Average	Seattle-Tacoma-Bellevue, WA	31	Similar to National Average	Seattle-Tacoma-Bellevue, WA	24	Similar to National Average
Sacramento--Roseville--Arden-Arcade, CA	92	Much Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	30	Similar to National Average	Dallas-Fort Worth-Arlington, TX	24	Lower than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	86	Higher than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	26	Similar to National Average	San Francisco-Oakland-Hayward, CA	21	Lower than National Average
Dallas-Fort Worth-Arlington, TX	81	Much Lower than National Average	Los Angeles-Long Beach-Anaheim, CA	25	Much Lower than National Average	Omaha-Council Bluffs, NE-IA	18	Much Higher than National Average
Atlanta-Sandy Springs-Roswell, GA	79	Similar to National Average	Dallas-Fort Worth-Arlington, TX	25	Much Lower than National Average	Los Angeles-Long Beach-Anaheim, CA	18	Much Lower than National Average
Orlando-Kissimmee-Sanford, FL	76	Much Higher than National Average	Indianapolis-Carmel-Anderson, IN	23	Much Higher than National Average	Atlanta-Sandy Springs-Roswell, GA	18	Much Lower than National Average
Pittsburgh, PA	65	Much Higher than National Average	Pittsburgh, PA	22	Much Higher than National Average	Pittsburgh, PA	17	Much Higher than National Average
Houston-The Woodlands-Sugar Land, TX	54	Lower than National Average	Houston-The Woodlands-Sugar Land, TX	22	Similar to National Average	Orlando-Kissimmee-Sanford, FL	17	Higher than National Average
St. Louis, MO-IL	52	Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	19	Much Higher than National Average	Portland-Vancouver-Hillsboro, OR-WA	16	Similar to National Average
Riverside-San Bernardino-Ontario, CA	45	Similar to National Average	Orlando-Kissimmee-Sanford, FL	19	Higher than National Average	Detroit-Warren-Dearborn, MI	16	Similar to National Average
Milwaukee-Waukesha-West Allis, WI	43	Higher than National Average	St. Louis, MO-IL	18	Similar to National Average	Denver-Aurora-Lakewood, CO	15	Lower than National Average
San Diego-Carlsbad, CA	42	Lower than National Average	Portland-Vancouver-Hillsboro, OR-WA	18	Similar to National Average	Minneapolis-St. Paul-Bloomington, MN-WI	14	Lower than National Average
Denver-Aurora-Lakewood, CO	42	Much Lower than National Average	Detroit-Warren-Dearborn, MI	18	Lower than National Average	Kansas City, MO-KS	14	Higher than National Average
Portland-Vancouver-Hillsboro, OR-WA	41	Similar to National Average	Tucson, AZ	16	Much Higher than National Average	Indianapolis-Carmel-Anderson, IN	13	Similar to National Average
Las Vegas-Henderson-Paradise, NV	41	Higher than National Average	Las Vegas-Henderson-Paradise, NV	15	Much Higher than National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	12	Much Lower than National Average
Cleveland-Elyria, OH	39	Similar to National Average	Oklahoma City, OK	14	Much Higher than National Average	Tampa-St. Petersburg-Clearwater, FL	12	Lower than National Average
Indianapolis-Carmel-Anderson, IN	38	Similar to National Average	San Diego-Carlsbad, CA	13	Lower than National Average	Salt Lake City, UT	12	Much Higher than National Average
Detroit-Warren-Dearborn, MI	36	Much Lower than National Average	Boston-Cambridge-Nashua, MA-NH	12	Much Lower than National Average	St. Louis, MO-IL	11	Similar to National Average
Boston-Cambridge-Nashua, MA-NH	33	Much Lower than National Average	Boise City, ID	12	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	9	Similar to National Average
			Quarter 3			Quarter 4		
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient
New York-Newark-Jersey City, NY-NJ-PA	68	Similar to National Average	Phoenix-Mesa-Scottsdale, AZ	68	Much Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	68	Much Higher than National Average
Phoenix-Mesa-Scottsdale, AZ	60	Much Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	66	Similar to National Average	New York-Newark-Jersey City, NY-NJ-PA	66	Similar to National Average
Chicago-Naperville-Elgin, IL-IN-WI	41	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	41	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	41	Similar to National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	39	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	34	Higher than National Average	Seattle-Tacoma-Bellevue, WA	34	Higher than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	33	Much Higher than National Average	Detroit-Warren-Dearborn, MI	30	Higher than National Average	Detroit-Warren-Dearborn, MI	30	Higher than National Average
Atlanta-Sandy Springs-Roswell, GA	30	Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	28	Similar to National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	28	Similar to National Average
Seattle-Tacoma-Bellevue, WA	26	Similar to National Average	Portland-Vancouver-Hillsboro, OR-WA	25	Much Higher than National Average	Portland-Vancouver-Hillsboro, OR-WA	25	Much Higher than National Average
Orlando-Kissimmee-Sanford, FL	26	Much Higher than National Average	Los Angeles-Long Beach-Anaheim, CA	24	Much Lower than National Average	Los Angeles-Long Beach-Anaheim, CA	24	Much Lower than National Average
Houston-The Woodlands-Sugar Land, TX	25	Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	22	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	22	Much Higher than National Average
Dallas-Fort Worth-Arlington, TX	21	Much Lower than National Average	Pittsburgh, PA	21	Much Higher than National Average	Pittsburgh, PA	21	Much Higher than National Average
San Francisco-Oakland-Hayward, CA	17	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	19	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	19	Lower than National Average
Pittsburgh, PA	16	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	18	Lower than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	18	Lower than National Average
Minneapolis-St. Paul-Bloomington, MN-WI	14	Lower than National Average	Buffalo-Cheektowaga-Niagara Falls, NY	18	Much Higher than National Average	Buffalo-Cheektowaga-Niagara Falls, NY	18	Much Higher than National Average
Fresno, CA	13	Much Higher than National Average	San Francisco-Oakland-Hayward, CA	17	Much Lower than National Average	San Francisco-Oakland-Hayward, CA	17	Much Lower than National Average
Boise City, ID	13	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	17	Higher than National Average	Orlando-Kissimmee-Sanford, FL	17	Higher than National Average
Los Angeles-Long Beach-Anaheim, CA	12	Much Lower than National Average	Tampa-St. Petersburg-Clearwater, FL	16	Similar to National Average	Tampa-St. Petersburg-Clearwater, FL	16	Similar to National Average
Indianapolis-Carmel-Anderson, IN	12	Similar to National Average	Indianapolis-Carmel-Anderson, IN	16	Higher than National Average	Indianapolis-Carmel-Anderson, IN	16	Higher than National Average
Boston-Cambridge-Nashua, MA-NH	12	Much Lower than National Average	Houston-The Woodlands-Sugar Land, TX	16	Lower than National Average	Houston-The Woodlands-Sugar Land, TX	16	Lower than National Average
Tampa-St. Petersburg-Clearwater, FL	11	Similar to National Average	Providence-Warwick, RI-MA	15	Much Higher than National Average	Providence-Warwick, RI-MA	15	Much Higher than National Average
Kansas City, MO-KS	11	Similar to National Average	Dallas-Fort Worth-Arlington, TX	14	Much Lower than National Average	Dallas-Fort Worth-Arlington, TX	14	Much Lower than National Average
San Diego-Carlsbad, CA	10	Lower than National Average	Tucson, AZ	13	Much Higher than National Average	Tucson, AZ	13	Much Higher than National Average
Austin-Round Rock, TX	10	Lower than National Average	Las Vegas-Henderson-Paradise, NV	13	Higher than National Average	Las Vegas-Henderson-Paradise, NV	13	Higher than National Average
Portland-Vancouver-Hillsboro, OR-WA	9	Lower than National Average	Cleveland-Elyria, OH	13	Higher than National Average	Cleveland-Elyria, OH	13	Higher than National Average
Oklahoma City, OK	9	Much Higher than National Average	Boise City, ID	13	Much Higher than National Average	Boise City, ID	13	Much Higher than National Average
Bellingham, WA	8	Much Higher than National Average	Florence-Muscle Shoals, AL	12	Much Higher than National Average	Florence-Muscle Shoals, AL	12	Much Higher than National Average

Pharmacy Demand Report (PDR)														
All Pharmacist Positions														
(Excluding Pharmacy Technician)														
Job Postings Per State														
	2020							2021						
State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	18	2	16	11	47	4.55	9,606	23	11	25	49	108	11.24
Alaska	1,002	14	3	5	18	40	39.92	1,002	26	18	17	12	73	72.85
Arizona	12,051	179	64	80	121	444	36.84	12,051	179	128	134	158	599	49.71
Arkansas	6,540	19	9	13	17	58	8.87	6,540	35	21	12	33	101	15.44
California	47,926	956	420	445	411	2,232	46.57	48,204	648	544	477	528	2,197	45.58
Colorado	8,832	106	42	55	57	260	29.44	9,064	82	86	57	76	301	33.21
Connecticut	5,545	90	41	47	44	222	40.04	5,545	66	60	47	73	246	44.36
Delaware	2,415	7	0	8	14	29	12.01	2,415	12	17	9	3	41	16.98
District of Columbia	2,045	11	7	8	11	37	18.09	2,036	17	13	7	7	44	21.61
Florida	34,157	401	129	295	265	1,090	31.91	35,824	446	309	312	289	1,356	37.85
Georgia	15,216	139	66	115	70	390	25.63	15,216	148	97	85	88	418	27.47
Hawaii	2,451	12	6	3	3	24	9.79	2,451	13	13	5	6	37	15.10
Idaho	4,082	33	9	19	23	84	20.58	3,624	41	38	38	28	145	40.01
Illinois	18,446	174	73	66	106	419	22.71	21,122	205	165	134	144	648	30.68
Indiana	11,497	88	38	35	72	233	20.27	11,497	107	61	46	66	280	24.35
Iowa	6,349	19	8	16	15	58	9.14	6,581	25	25	27	18	95	14.44
Kansas	7,234	35	21	14	13	83	11.47	7,717	28	31	15	34	108	14.00
Kentucky	10,767	78	28	27	32	165	15.32	10,939	66	63	34	35	198	18.10
Louisiana	9,200	94	33	30	29	186	20.22	9,317	72	26	32	36	166	17.82
Maine	2,300	18	7	12	11	48	20.87	2,343	21	13	11	4	49	20.91
Maryland	12,228	73	39	47	37	196	16.03	12,228	56	38	30	39	163	13.33
Massachusetts	13,936	97	39	62	60	258	18.51	14,029	73	42	37	53	205	14.61
Michigan	16,582	169	66	49	76	360	21.71	16,867	124	96	105	158	483	28.64
Minnesota	9,033	64	35	47	39	185	20.48	9,176	99	53	59	59	270	29.42
Mississippi	6,357	7	10	2	0	19	2.99	6,540	2	20	19	6	47	7.19
Missouri	11,320	135	28	55	64	282	24.91	11,822	96	87	55	60	298	25.21
Montana	2,111	24	3	5	3	35	16.58	2,200	16	26	20	17	79	35.91
Nebraska	5,495	42	9	10	11	72	13.10	5,495	21	49	7	10	87	15.83
Nevada	7,721	82	30	51	46	209	27.07	7,721	79	55	49	47	230	29.79
New Hampshire	2,912	22	10	26	15	73	25.07	2,827	20	16	16	13	65	22.99
New Jersey	18,019	143	86	53	72	354	19.65	18,019	111	127	109	96	443	24.59
New Mexico	3,065	39	17	22	16	94	30.67	3,158	26	30	21	18	95	30.08
New York	27,113	191	114	81	117	503	18.55	28,816	234	118	155	149	656	22.77
North Carolina	17,009	71	32	64	62	229	13.46	17,284	153	87	69	77	386	22.33
North Dakota	2,336	37	7	9	4	57	24.40	2,238	16	16	12	13	57	25.47
Ohio	20,979	360	76	112	178	726	34.61	21,906	207	148	117	183	655	29.90
Oklahoma	7,838	29	18	16	16	79	10.08	8,150	45	32	19	18	114	13.99
Oregon	8,488	49	26	11	32	118	13.90	9,006	43	72	61	95	271	30.09
Pennsylvania	24,586	253	133	77	83	546	22.21	23,473	173	136	126	127	562	23.94
Puerto Rico	5,340	4	1	5	4	14	2.62	5,340	5	6	7	3	21	3.93
Rhode Island	2,185	26	10	12	20	68	31.12	2,185	24	11	9	11	55	25.17
South Carolina	9,458	42	30	32	42	146	15.44	9,184	63	32	29	36	160	17.42
South Dakota	2,046	6	1	3	1	11	5.38	2,085	8	11	14	4	37	17.75
Tennessee	12,556	47	11	41	39	138	10.99	12,556	54	31	32	45	162	12.90
Texas	35,669	409	131	195	205	940	26.35	36,154	372	229	227	242	1,070	29.60
Utah	4,094	40	18	6	7	71	17.34	4,257	11	32	25	26	94	22.08
Vermont	1,231	2	0	2	2	6	4.87	1,227	2	7	4	6	19	15.48
Virginia	15,616	55	18	53	47	173	11.08	16,159	93	68	61	70	292	18.07
Washington	10,969	154	69	36	58	317	28.90	10,969	86	114	102	142	444	40.48
West Virginia	5,522	11	2	7	12	32	5.80	5,522	10	7	6	7	30	5.43
Wisconsin	8,942	85	39	24	35	183	20.47	8,942	56	34	25	42	157	17.56
Wyoming	1,441	5	2	2	1	10	6.94	1,437	5	6	5	3	19	13.22

Pharmacy Demand Report (PDR)									
All Pharmacist Positions									
(Excluding Pharmacy Technician)									
Job Postings in the Top 50 Metropolitan Statistical Areas (MSAs)									
2020			2021						
Full Year			Quarter 1			Quarter 2			
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	
Los Angeles-Long Beach-Anaheim, CA	679	Higher than National Average	New York-Newark-Jersey City, NY-NJ-PA	237	Similar to National Average	Los Angeles-Long Beach-Anaheim, CA	161	Similar to National Average	
New York-Newark-Jersey City, NY-NJ-PA	610	Similar to National Average	Los Angeles-Long Beach-Anaheim, CA	185	Similar to National Average	New York-Newark-Jersey City, NY-NJ-PA	155	Similar to National Average	
Miami-Fort Lauderdale-West Palm Beach, FL	373	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	167	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	148	Higher than National Average	
Chicago-Naperville-Elgin, IL-IN-WI	371	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	154	Similar to National Average	Miami-Fort Lauderdale-West Palm Beach, FL	109	Higher than National Average	
Phoenix-Mesa-Scottsdale, AZ	352	Similar to National Average	Phoenix-Mesa-Scottsdale, AZ	135	Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	107	Higher than National Average	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	318	Similar to National Average	Houston-The Woodlands-Sugar Land, TX	96	Higher than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	91	Higher than National Average	
Sacramento--Roseville--Arden-Arcade, CA	301	Much Higher than National Average	Dallas-Fort Worth-Arlington, TX	96	Lower than National Average	San Francisco-Oakland-Hayward, CA	77	Similar to National Average	
Dallas-Fort Worth-Arlington, TX	293	Lower than National Average	San Francisco-Oakland-Hayward, CA	94	Similar to National Average	Dallas-Fort Worth-Arlington, TX	67	Much Lower than National Average	
San Francisco-Oakland-Hayward, CA	288	Similar to National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	83	Similar to National Average	Seattle-Tacoma-Bellevue, WA	65	Similar to National Average	
Orlando-Kissimmee-Sanford, FL	242	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	80	Much Higher than National Average	Houston-The Woodlands-Sugar Land, TX	61	Similar to National Average	
Seattle-Tacoma-Bellevue, WA	239	Similar to National Average	Sacramento--Roseville--Arden-Arcade, CA	76	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	59	Much Higher than National Average	
Cleveland-Elyria, OH	238	Much Higher than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	76	Similar to National Average	Sacramento--Roseville--Arden-Arcade, CA	58	Much Higher than National Average	
Atlanta-Sandy Springs-Roswell, GA	234	Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	73	Lower than National Average	Denver-Aurora-Lakewood, CO	55	Lower than National Average	
San Diego-Carlsbad, CA	225	Higher than National Average	Cleveland-Elyria, OH	68	Much Higher than National Average	Cincinnati, OH-KY-IN	49	Much Higher than National Average	
Houston-The Woodlands-Sugar Land, TX	221	Similar to National Average	Seattle-Tacoma-Bellevue, WA	63	Lower than National Average	Tampa-St. Petersburg-Clearwater, FL	48	Similar to National Average	
Boston-Cambridge-Nashua, MA-NH	197	Lower than National Average	Indianapolis-Carmel-Anderson, IN	63	Higher than National Average	San Diego-Carlsbad, CA	47	Similar to National Average	
Detroit-Warren-Dearborn, MI	196	Similar to National Average	Detroit-Warren-Dearborn, MI	61	Similar to National Average	St. Louis, MO-IL	42	Higher than National Average	
St. Louis, MO-IL	186	Higher than National Average	Boston-Cambridge-Nashua, MA-NH	61	Much Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	42	Much Lower than National Average	
Denver-Aurora-Lakewood, CO	162	Lower than National Average	Tampa-St. Petersburg-Clearwater, FL	59	Similar to National Average	Pittsburgh, PA	38	Higher than National Average	
Baltimore-Columbia-Towson, MD	160	Similar to National Average	St. Louis, MO-IL	57	Similar to National Average	Minneapolis-St. Paul-Bloomington, MN-WI	38	Lower than National Average	
Tampa-St. Petersburg-Clearwater, FL	141	Similar to National Average	San Diego-Carlsbad, CA	57	Similar to National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	37	Much Lower than National Average	
Riverside-San Bernardino-Ontario, CA	141	Similar to National Average	Denver-Aurora-Lakewood, CO	54	Lower than National Average	Indianapolis-Carmel-Anderson, IN	36	Similar to National Average	
Cincinnati, OH-KY-IN	134	Higher than National Average	Las Vegas-Henderson-Paradise, NV	52	Much Higher than National Average	Portland-Vancouver-Hillsboro, OR-WA	35	Similar to National Average	
Pittsburgh, PA	133	Similar to National Average	Pittsburgh, PA	45	Similar to National Average	Boston-Cambridge-Nashua, MA-NH	34	Much Lower than National Average	
Minneapolis-St. Paul-Bloomington, MN-WI	128	Much Lower than National Average	Louisville/Jefferson County, KY-IN	45	Much Higher than National Average	Detroit-Warren-Dearborn, MI	33	Much Lower than National Average	
Las Vegas-Henderson-Paradise, NV	127	Higher than National Average	Baltimore-Columbia-Towson, MD	45	Similar to National Average	San Jose-Sunnyvale-Santa Clara, CA	32	Similar to National Average	
San Antonio-New Braunfels, TX	121	Similar to National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	44	Much Lower than National Average	Kansas City, MO-KS	31	Similar to National Average	
Washington-Arlington-Alexandria, DC-VA-MD-WV	108	Much Lower than National Average	San Antonio-New Braunfels, TX	44	Higher than National Average	Las Vegas-Henderson-Paradise, NV	30	Similar to National Average	
Milwaukee-Waukesha-West Allis, WI	107	Similar to National Average	Cincinnati, OH-KY-IN	44	Similar to National Average	Cleveland-Elyria, OH	27	Similar to National Average	
Louisville/Jefferson County, KY-IN	103	Higher than National Average	San Jose-Sunnyvale-Santa Clara, CA	41	Lower than National Average	Riverside-San Bernardino-Ontario, CA	26	Lower than National Average	
Indianapolis-Carmel-Anderson, IN	103	Lower than National Average	Raleigh, NC	38	Similar to National Average	Louisville/Jefferson County, KY-IN	25	Higher than National Average	
New Haven, CT	96	Much Higher than National Average	Baton Rouge, LA	37	Much Higher than National Average	San Antonio-New Braunfels, TX	24	Similar to National Average	
Austin-Round Rock, TX	84	Much Lower than National Average	Milwaukee-Waukesha-West Allis, WI	33	Similar to National Average	Salt Lake City, UT	24	Similar to National Average	
Columbus, OH	83	Lower than National Average	Columbus, OH	33	Similar to National Average	Jacksonville, FL	24	Similar to National Average	
Fresno, CA	82	Much Higher than National Average	Boise City, ID	33	Much Higher than National Average	Baltimore-Columbia-Towson, MD	24	Lower than National Average	
Portland-Vancouver-Hillsboro, OR-WA	80	Lower than National Average	Virginia Beach-Norfolk-Newport News, VA-NC	32	Similar to National Average	Reno, NV	23	Much Higher than National Average	
San Jose-Sunnyvale-Santa Clara, CA	78	Much Lower than National Average	Riverside-San Bernardino-Ontario, CA	32	Much Lower than National Average	Omaha-Council Bluffs, NE-IA	23	Much Higher than National Average	
Kansas City, MO-KS	78	Lower than National Average	Portland-Vancouver-Hillsboro, OR-WA	32	Much Lower than National Average	Durham-Chapel Hill, NC	23	Much Higher than National Average	
Reno, NV	70	Much Higher than National Average	Tucson, AZ	28	Much Higher than National Average	New Haven, CT (Metropolitan NECTA)	22	Much Higher than National Average	
Buffalo-Cheektowaga-Niagara Falls, NY	69	Higher than National Average	New Haven, CT	28	Much Higher than National Average	Grand Rapids-Wyoming, MI	22	Much Higher than National Average	
Providence-Warwick, RI-MA	68	Higher than National Average	Nashville-Davidson--Murfreesboro--Franklin, TN	28	Lower than National Average	Virginia Beach-Norfolk-Newport News, VA-NC	21	Similar to National Average	
Boise City, ID	65	Higher than National Average	Fresno, CA	28	Much Higher than National Average	Nashville-Davidson--Murfreesboro--Franklin, TN	21	Lower than National Average	
Ann Arbor, MI	65	Much Higher than National Average	Buffalo-Cheektowaga-Niagara Falls, NY	26	Higher than National Average	Charlotte-Concord-Gastonia, NC-SC	21	Much Lower than National Average	
Nashville-Davidson--Murfreesboro--Franklin, TN	64	Much Lower than National Average	Austin-Round Rock, TX	25	Much Lower than National Average	Milwaukee-Waukesha-West Allis, WI	20	Lower than National Average	
New Orleans-Metairie, LA	61	Similar to National Average	Providence-Warwick, RI-MA	24	Much Higher than National Average	Fresno, CA	20	Much Higher than National Average	
Albuquerque, NM	60	Higher than National Average	Kansas City, MO-KS	24	Much Lower than National Average	Spokane-Spokane Valley, WA	19	Much Higher than National Average	
Salt Lake City, UT	59	Similar to National Average	Reno, NV	23	Much Higher than National Average	Richmond, VA	19	Similar to National Average	
Hartford-West Hartford-East Hartford, CT	58	Similar to National Average	Oklahoma City, OK	23	Similar to National Average	Columbus, OH	19	Lower than National Average	
Charlotte-Concord-Gastonia, NC-SC	58	Much Lower than National Average	Fayetteville, NC	23	Much Higher than National Average	Boise City, ID	19	Higher than National Average	
Baton Rouge, LA	58	Much Higher than National Average	Modesto, CA	22	Much Higher than National Average	Raleigh, NC	17	Lower than National Average	
			Quarter 3			Quarter 4			
Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	Metro Area	Job Postings	Location Quotient	
New York-Newark-Jersey City, NY-NJ-PA	164	Similar to National Average	New York-Newark-Jersey City, NY-NJ-PA	161	Similar to National Average	New York-Newark-Jersey City, NY-NJ-PA	161	Similar to National Average	
Los Angeles-Long Beach-Anaheim, CA	147	Similar to National Average	Los Angeles-Long Beach-Anaheim, CA	156	Similar to National Average	Los Angeles-Long Beach-Anaheim, CA	156	Similar to National Average	
Miami-Fort Lauderdale-West Palm Beach, FL	123	Much Higher than National Average	Chicago-Naperville-Elgin, IL-IN-WI	128	Similar to National Average	Chicago-Naperville-Elgin, IL-IN-WI	128	Similar to National Average	
Chicago-Naperville-Elgin, IL-IN-WI	112	Similar to National Average	Phoenix-Mesa-Scottsdale, AZ	113	Higher than National Average	Phoenix-Mesa-Scottsdale, AZ	113	Higher than National Average	
Phoenix-Mesa-Scottsdale, AZ	110	Much Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	96	Higher than National Average	Miami-Fort Lauderdale-West Palm Beach, FL	96	Higher than National Average	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	106	Much Higher than National Average	Seattle-Tacoma-Bellevue, WA	84	Similar to National Average	Seattle-Tacoma-Bellevue, WA	84	Similar to National Average	
Dallas-Fort Worth-Arlington, TX	87	Lower than National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	70	Similar to National Average	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	70	Similar to National Average	
Orlando-Kissimmee-Sanford, FL	72	Much Higher than National Average	Houston-The Woodlands-Sugar Land, TX	65	Similar to National Average	Houston-The Woodlands-Sugar Land, TX	65	Similar to National Average	
San Francisco-Oakland-Hayward, CA	62	Lower than National Average	San Diego-Carlsbad, CA	64	Higher than National Average	San Diego-Carlsbad, CA	64	Higher than National Average	
Seattle-Tacoma-Bellevue, WA	53	Lower than National Average	Dallas-Fort Worth-Arlington, TX	64	Much Lower than National Average	Dallas-Fort Worth-Arlington, TX	64	Much Lower than National Average	
Atlanta-Sandy Springs-Roswell, GA	50	Lower than National Average	Detroit-Warren-Dearborn, MI	63	Similar to National Average	Detroit-Warren-Dearborn, MI	63	Similar to National Average	
Sacramento--Roseville--Arden-Arcade, CA	45	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	56	Much Higher than National Average	Sacramento--Roseville--Arden-Arcade, CA	56	Much Higher than National Average	
Houston-The Woodlands-Sugar Land, TX	45	Lower than National Average	Orlando-Kissimmee-Sanford, FL	54	Much Higher than National Average	Orlando-Kissimmee-Sanford, FL	54	Much Higher than National Average	
San Diego-Carlsbad, CA	42	Similar to National Average	Tampa-St. Petersburg-Clearwater, FL	50	Similar to National Average	Tampa-St. Petersburg-Clearwater, FL	50	Similar to National Average	
Detroit-Warren-Dearborn, MI	42	Lower than National Average	San Francisco-Oakland-Hayward, CA	50	Much Lower than National Average	San Francisco-Oakland-Hayward, CA	50	Much Lower than National Average	
Minneapolis-St. Paul-Bloomington, MN-WI	38	Lower than National Average	Portland-Vancouver-Hillsboro, OR-WA	47	Similar to National Average	Portland-Vancouver-Hillsboro, OR-WA	47	Similar to National Average	
Cincinnati, OH-KY-IN	38	Much Higher than National Average	Denver-Aurora-Lakewood, CO	45	Lower than National Average	Denver-Aurora-Lakewood, CO	45	Lower than National Average	
Denver-Aurora-Lakewood, CO	36	Much Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	42	Much Lower than National Average	Atlanta-Sandy Springs-Roswell, GA	42	Much Lower than National Average	
Tampa-St. Petersburg-Clearwater, FL	32	Similar to National Average	Cincinnati, OH-KY-IN	38	Higher than National Average	Cincinnati, OH-KY-IN	38	Higher than National Average	
St. Louis, MO-IL	31	Similar to National Average	Pittsburgh, PA	37	Higher than National Average	Pittsburgh, PA	37	Higher than National Average	
San Antonio-New Braunfels, TX	30	Similar to National Average	Boston-Cambridge-Nashua, MA-NH	35	Much Lower than National Average	Boston-Cambridge-Nashua, MA-NH	35	Much Lower than National Average	
Boston-Cambridge-Nashua, MA-NH	30	Much Lower than National Average	Baltimore-Columbia-Towson, MD	35	Similar to National Average	Baltimore-Columbia-Towson, MD	35	Similar to National Average	
Fresno, CA	29	Much Higher than National Average	Cleveland-Elyria, OH	34	Higher than National Average	Cleveland-Elyria, OH	34	Higher than National Average	
San Jose-Sunnyvale-Santa Clara, CA	26	Lower than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	31	Much Lower than National Average	Minneapolis-St. Paul-Bloomington, MN-WI	31	Much Lower than National Average	
Las Vegas-Henderson-Paradise, NV	26	Similar to National Average	Buffalo-Cheektowaga-Niagara Falls, NY	31	Much Higher than National Average	Buffalo-Cheektowaga-Niagara Falls, NY	31	Much Higher than National Average	
Indianapolis-Carmel-Anderson, IN	26	Similar to National Average	San Jose-Sunnyvale-Santa Clara, CA	30	Lower than National Average	San Jose-Sunnyvale-Santa Clara, CA	30	Lower than National Average	
Virginia Beach-Norfolk-Newport News, VA-NC	25	Higher than National Average	Tucson, AZ	28	Much Higher than National Average	Tucson, AZ	28	Much Higher than National Average	
Riverside-San Bernardino-Ontario, CA	25	Lower than National Average	Kansas City, MO-KS	28	Lower than National Average	Kansas City, MO-KS	28	Lower than National Average	
Cleveland-Elyria, OH	25	Similar to National Average	Indianapolis-Carmel-Anderson, IN	28	Similar to National Average	Indianapolis-Carmel-Anderson, IN	28	Similar to National Average	
Boise City, ID	24	Much Higher than National Average	San Antonio-New Braunfels, TX	26	Similar to National Average	San Antonio-New Braunfels, TX	26	Similar to National Average	
Baltimore-Columbia-Towson, MD	24	Lower than National Average	Riverside-San Bernardino-Ontario, CA	26	Lower than National Average	Riverside-San Bernardino-Ontario, CA	26	Lower than National Average	
Louisville/Jefferson County, KY-IN	22	Higher than National Average	Nashville-Davidson--Murfreesboro--Franklin, TN	26	Lower than National Average	Nashville-Davidson--Murfreesboro--Franklin, TN	26	Lower than National Average	
Kansas City, MO-KS	22	Lower than National Average	Las Vegas-Henderson-Paradise, NV	25	Similar to National Average	Las Vegas-Henderson-Paradise, NV	25	Similar to National Average	
Washington-Arlington-Alexandria, DC-VA-MD-WV	21	Much Lower than National Average	St. Louis, MO-IL	24	Lower than National Average	St. Louis, MO-IL	24	Lower than National Average	
Pittsburgh, PA	21	Similar to National Average	Niles-Benton Harbor, MI	24	Much Higher than National Average	Niles-Benton Harbor, MI	24	Much Higher than National Average	
Nashville-Davidson--Murfreesboro--Franklin, TN	21	Lower than National Average	New Haven, CT (Metropolitan NECTA)	24	Much Higher than National Average	New Haven, CT (Metropolitan NECTA)	24	Much Higher than National Average	
Salt Lake City, UT	20	Similar to National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	23	Much Lower than National Average	Washington-Arlington-Alexandria, DC-VA-MD-WV	23	Much Lower than National Average	
Portland-Vancouver-Hillsboro, OR-WA	19	Much Lower than National Average	Raleigh, NC	22	Similar to National Average	Raleigh, NC	22	Similar to National Average	
Charlotte-Concord-Gastonia, NC-SC	18	Much Lower than National Average	Little Rock-North Little Rock-Conway, AR	22	Much Higher than National Average	Little Rock-North Little Rock-Conway, AR	22	Much Higher than National Average	
Tucson, AZ	17	Much Higher than National Average	Salt Lake City, UT	21	Similar to National Average	Salt Lake City, UT	21	Similar to National Average	
Richmond, VA	17	Similar to National Average	Boise City, ID	21	Higher than National Average	Boise City, ID	21	Higher than National Average	
Reno, NV	17	Much Higher than National Average	Providence-Warwick, RI-MA	20	Higher than National Average	Providence-Warwick, RI-MA	20	Higher than National Average	
Hartford-West Hartford-East Hartford, CT	16	Similar to National Average	Milwaukee-Waukesha-West Allis, WI	20	Similar to National Average	Milwaukee-Waukesha-West Allis, WI	20	Similar to National Average	
Buffalo-Cheektowaga-Niagara Falls, NY	16	Higher than National Average	Columbus, OH	20	Lower than National Average	Columbus, OH	20	Lower than National Average	
Austin-Round Rock, TX	16	Much Lower than National Average	Austin-Round Rock, TX	20	Much Lower than National Average	Austin-Round Rock, TX	20	Much Lower than National Average	
Oklahoma City, OK	15	Similar to National Average	Jacksonville, FL	19	Lower than National Average	Jacksonville, FL	19	Lower than National Average	
Grand Rapids-Wyoming, MI	15	Higher than National Average	Virginia Beach-Norfolk-Newport News, VA-NC	18	Lower than National Average	Virginia Beach-Norfolk-Newport News, VA-NC	18	Lower than National Average	
Albuquerque, NM	14	Higher than National Average	Fresno, CA	18	Much Higher than National Average	Fresno, CA	18	Much Higher than National Average	
Milwaukee-Waukesha-West Allis, WI	13	Much Lower than National Average	Canton-Massillon, OH	18	Much Higher than National Average	Canton-Massillon, OH	18	Much Higher than National Average	
Hickory-Lenoir-Morganton, NC	13	Much Higher than National Average	Baton Rouge, LA	18	Much Higher than National Average	Baton Rouge, LA	18	Much Higher than National Average	

Pharmacy Demand Report (PDR)														
Pharmacy Technician														
Job Postings Per State														
	2020							2021						
State/Territory	Number of Employeed Pharmacy Technicians According to BLS (as of May 2019)	Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Employeed Pharmacy Technicians According to BLS (as of May 2019)	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	6,790	515	307	275	355	1,452	213.84	6,790	526	472	388	653	2,039	300.29
Alaska	590	73	44	62	62	241	408.47	610	113	102	73	76	364	596.72
Arizona	8,900	1,680	957	2,538	2,822	7,997	898.54	9,250	2,984	1,441	1,183	1,325	6,933	749.51
Arkansas	4,880	208	162	198	180	748	153.28	4,570	299	160	189	313	961	210.28
California	36,560	5,014	3,294	2,905	3,375	14,588	399.02	36,100	6,112	3,712	3,378	4,175	17,377	481.36
Colorado	5,600	1,201	504	655	903	3,263	582.68	5,710	1,416	918	780	1,066	4,180	732.05
Connecticut	3,870	566	359	338	391	1,654	427.39	3,780	633	369	355	575	1,932	511.11
Delaware	1,360	112	85	49	78	324	238.24	1,270	107	105	88	126	426	335.43
District of Columbia	670	115	78	52	67	312	465.67	660	105	77	72	88	342	518.18
Florida	29,800	3,052	1,770	1,903	2,186	8,911	299.03	29,840	3,980	2,767	2,095	2,805	11,647	390.32
Georgia	11,360	1,031	717	766	842	3,356	295.42	11,290	1,494	880	789	1,100	4,263	377.59
Hawaii	1,790	130	100	82	108	420	234.64	1,850	182	163	103	150	598	323.24
Idaho	2,190	225	106	185	196	712	325.11	2,260	491	238	222	269	1,220	539.82
Illinois	21,090	1,977	1,104	907	1,269	5,257	249.27	19,880	1,725	1,327	1,363	1,722	6,137	308.70
Indiana	9,610	1,214	713	550	1,084	3,561	370.55	9,790	1,901	1,008	840	1,206	4,955	506.13
Iowa	4,270	398	235	308	272	1,213	284.07	3,890	467	337	291	382	1,477	379.69
Kansas	4,220	418	208	262	360	1,248	295.73	4,280	530	305	320	456	1,611	376.40
Kentucky	8,840	751	468	495	564	2,278	257.69	10,210	908	495	461	617	2,481	243.00
Louisiana	6,150	710	462	330	397	1,899	308.78	5,990	757	494	465	622	2,338	390.32
Maine	2,270	208	120	91	115	534	235.24	2,280	156	84	83	116	439	192.54
Maryland	7,640	904	543	477	601	2,525	330.50	6,940	1,106	824	689	763	3,382	487.32
Massachusetts	9,150	1,522	946	783	979	4,230	462.30	8,740	1,504	946	894	1,023	4,367	499.66
Michigan	15,040	2,162	1,176	1,110	1,329	5,777	384.11	13,990	1,909	1,535	1,763	1,832	7,039	503.15
Minnesota	8,120	1,038	571	573	606	2,788	343.35	8,050	1,131	607	587	776	3,101	385.22
Mississippi	3,450	292	201	229	190	912	264.35	3,580	311	229	201	295	1,036	289.39
Missouri	9,970	919	563	507	544	2,533	254.06	10,030	800	592	594	715	2,701	269.29
Montana	1,180	129	77	103	79	388	328.81	1,200	142	127	93	128	490	408.33
Nebraska	2,510	312	214	228	165	919	366.14	2,540	269	192	145	232	838	329.92
Nevada	3,750	404	259	282	267	1,212	323.20	4,210	478	278	275	284	1,315	312.35
New Hampshire	1,870	344	248	306	376	1,274	681.28	1,880	353	193	168	239	953	506.91
New Jersey	9,810	1,450	1,086	682	949	4,167	424.77	10,400	1,477	1,212	994	1,168	4,851	466.44
New Mexico	2,340	227	115	140	130	612	261.54	2,490	213	174	139	242	768	308.43
New York	20,360	2,055	1,235	984	1,151	5,425	266.45	18,970	2,117	1,549	1,286	1,533	6,485	341.86
North Carolina	13,560	1,421	798	801	1,046	4,066	299.85	13,710	1,570	1,084	1,032	1,505	5,191	378.63
North Dakota	890	71	34	24	38	167	187.64	880	60	53	38	54	205	232.95
Ohio	16,470	2,558	1,452	1,553	1,909	7,472	453.67	17,090	2,509	1,693	1,562	1,950	7,714	451.38
Oklahoma	4,940	426	267	243	321	1,257	254.45	4,870	524	308	276	470	1,578	324.02
Oregon	4,900	581	296	237	380	1,494	304.90	5,020	652	457	407	556	2,072	412.75
Pennsylvania	18,250	2,297	1,326	951	1,206	5,780	316.71	18,900	1,788	1,703	1,427	1,478	6,396	338.41
Puerto Rico	5,530	40	8	43	36	127	22.97	5,300	54	35	13	40	142	26.79
Rhode Island	1,840	180	138	69	136	523	284.24	1,770	199	94	127	136	556	314.12
South Carolina	7,110	508	377	301	347	1,533	215.61	6,470	513	381	418	498	1,810	279.75
South Dakota	1,250	63	29	69	56	217	173.60	1,290	97	80	57	84	318	246.51
Tennessee	10,270	995	551	613	649	2,808	273.42	11,190	1,194	736	772	997	3,699	330.56
Texas	38,550	4,076	2,130	2,746	2,702	11,654	302.31	36,690	4,713	3,085	3,091	3,468	14,357	391.31
Utah	3,700	467	226	334	233	1,260	340.54	4,060	394	343	359	384	1,480	364.53
Vermont	740	68	48	68	37	221	298.65	700	55	48	29	75	207	295.71
Virginia	10,320	1,121	649	535	738	3,043	294.86	9,590	1,248	821	677	1,077	3,823	398.64
Washington	7,150	1,073	584	587	798	3,042	425.45	7,740	1,345	865	782	977	3,969	512.79
West Virginia	3,270	198	121	72	147	538	164.53	3,140	219	120	112	190	641	204.14
Wisconsin	7,990	952	593	453	582	2,580	322.90	8,290	1,023	693	633	777	3,126	377.08
Wyoming	570	34	18	25	34	111	194.74	560	49	31	27	42	149	266.07

Pharmacy Demand Report (PDR)					
Pharmacy Technician					
Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)					
2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Phoenix-Mesa-Scottsdale, AZ	6,977	Phoenix-Mesa-Scottsdale, AZ	2,493	New York-Newark-Jersey City, NY-NJ-PA	1,887
New York-Newark-Jersey City, NY-NJ-PA	6,099	New York-Newark-Jersey City, NY-NJ-PA	2,474	Los Angeles-Long Beach-Anaheim, CA	1,192
Los Angeles-Long Beach-Anaheim, CA	4,575	Los Angeles-Long Beach-Anaheim, CA	1,915	Dallas-Fort Worth-Arlington, TX	1,142
Chicago-Naperville-Elgin, IL-IN-WI	4,153	Dallas-Fort Worth-Arlington, TX	1,595	Phoenix-Mesa-Scottsdale, AZ	1,127
Dallas-Fort Worth-Arlington, TX	4,112	Chicago-Naperville-Elgin, IL-IN-WI	1,400	Chicago-Naperville-Elgin, IL-IN-WI	1,072
Boston-Cambridge-Nashua, MA-NH	3,324	Boston-Cambridge-Nashua, MA-NH	1,195	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	924
Detroit-Warren-Dearborn, MI	3,224	Indianapolis-Carmel-Anderson, IN	1,109	Miami-Fort Lauderdale-West Palm Beach, FL	873
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	3,082	Detroit-Warren-Dearborn, MI	1,086	Detroit-Warren-Dearborn, MI	788
Miami-Fort Lauderdale-West Palm Beach, FL	2,481	Miami-Fort Lauderdale-West Palm Beach, FL	1,063	Boston-Cambridge-Nashua, MA-NH	735
San Francisco-Oakland-Hayward, CA	2,322	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,001	Denver-Aurora-Lakewood, CO	605
Houston-The Woodlands-Sugar Land, TX	2,299	Houston-The Woodlands-Sugar Land, TX	926	Washington-Arlington-Alexandria, DC-VA-MD-WV	596
Cleveland-Elyria, OH	2,188	Atlanta-Sandy Springs-Roswell, GA	920	Houston-The Woodlands-Sugar Land, TX	592
Seattle-Tacoma-Bellevue, WA	2,048	San Francisco-Oakland-Hayward, CA	899	Seattle-Tacoma-Bellevue, WA	553
Atlanta-Sandy Springs-Roswell, GA	2,048	Denver-Aurora-Lakewood, CO	892	Atlanta-Sandy Springs-Roswell, GA	526
Minneapolis-St. Paul-Bloomington, MN-WI	1,978	Seattle-Tacoma-Bellevue, WA	876	Baltimore-Columbia-Towson, MD	516
Denver-Aurora-Lakewood, CO	1,978	Tampa-St. Petersburg-Clearwater, FL	842	Tampa-St. Petersburg-Clearwater, FL	509
Tampa-St. Petersburg-Clearwater, FL	1,860	Minneapolis-St. Paul-Bloomington, MN-WI	764	San Francisco-Oakland-Hayward, CA	496
Washington-Arlington-Alexandria, DC-VA-MD-WV	1,793	Riverside-San Bernardino-Ontario, CA	749	Indianapolis-Carmel-Anderson, IN	446
Indianapolis-Carmel-Anderson, IN	1,784	Washington-Arlington-Alexandria, DC-VA-MD-WV	742	Pittsburgh, PA	440
Baltimore-Columbia-Towson, MD	1,595	Baltimore-Columbia-Towson, MD	720	Orlando-Kissimmee-Sanford, FL	432
Pittsburgh, PA	1,569	Cleveland-Elyria, OH	680	Minneapolis-St. Paul-Bloomington, MN-WI	419
Orlando-Kissimmee-Sanford, FL	1,420	Orlando-Kissimmee-Sanford, FL	604	Riverside-San Bernardino-Ontario, CA	406
Riverside-San Bernardino-Ontario, CA	1,405	Cincinnati, OH-KY-IN	509	St. Louis, MO-IL	365
Austin-Round Rock, TX	1,390	Kansas City, MO-KS	497	Cleveland-Elyria, OH	363
St. Louis, MO-IL	1,380	San Diego-Carlsbad, CA	495	Portland-Vancouver-Hillsboro, OR-WA	345
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	1,504	New York-Newark-Jersey City, NY-NJ-PA	1,684
		Chicago-Naperville-Elgin, IL-IN-WI	1,141	Los Angeles-Long Beach-Anaheim, CA	1,313
		Los Angeles-Long Beach-Anaheim, CA	1,113	Chicago-Naperville-Elgin, IL-IN-WI	1,311
		Dallas-Fort Worth-Arlington, TX	1,054	Dallas-Fort Worth-Arlington, TX	1,110
		Detroit-Warren-Dearborn, MI	960	Phoenix-Mesa-Scottsdale, AZ	1,001
		Phoenix-Mesa-Scottsdale, AZ	959	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	852
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	830	Detroit-Warren-Dearborn, MI	849
		Houston-The Woodlands-Sugar Land, TX	651	Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	751
		Boston-Cambridge-Nashua, MA-NH	647	Houston-The Woodlands-Sugar Land, TX	693
		Miami-Fort Lauderdale-West Palm Beach, FL	621	Miami-Fort Lauderdale-West Palm Beach, FL	682
		Seattle-Tacoma-Bellevue, WA	482	Denver-Aurora-Lakewood, CO	638
		Denver-Aurora-Lakewood, CO	477	Atlanta-Sandy Springs-Roswell, GA	633
		Atlanta-Sandy Springs-Roswell, GA	477	San Francisco-Oakland-Hayward, CA	616
		Baltimore-Columbia-Towson, MD	449	Washington-Arlington-Alexandria, DC-VA-MD-WV	606
		Washington-Arlington-Alexandria, DC-VA-MD-WV	444	Seattle-Tacoma-Bellevue, WA	586
		San Francisco-Oakland-Hayward, CA	435	Tampa-St. Petersburg-Clearwater, FL	565
		Minneapolis-St. Paul-Bloomington, MN-WI	425	Minneapolis-St. Paul-Bloomington, MN-WI	529
		Tampa-St. Petersburg-Clearwater, FL	368	Baltimore-Columbia-Towson, MD	460
		Nashville-Davidson--Murfreesboro--Franklin, TN	367	Orlando-Kissimmee-Sanford, FL	429
		Columbus, OH	364	Indianapolis-Carmel-Anderson, IN	426
		Indianapolis-Carmel-Anderson, IN	360	Sacramento--Roseville--Arden-Arcade, CA	425
		Riverside-San Bernardino-Ontario, CA	329	Cincinnati, OH-KY-IN	423
		Kansas City, MO-KS	315	Cleveland-Elyria, OH	408
		Orlando-Kissimmee-Sanford, FL	314	Nashville-Davidson--Murfreesboro--Franklin, TN	385
		San Antonio-New Braunfels, TX	309	Kansas City, MO-KS	384