Pharmacy Workforce Center, INC.

The next Pharmacy Demand Report will be available October 2021.

Contact Tom Maggio, Pharmacy Workforce Center Secretary/Treasurer at TMaggio@aacp.org or 703-479-3832 with any PDR-related questions.

Pharmacy Demand Report (PDR) Executive Summary

2nd Quarter 2021

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

Pharmacists

There have been 8,207 job postings for pharmacists through the first half of 2021. 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) and 3,569 postings were reported for the second quarter;
- The highest number of job postings were in the southern part of the country, followed by the west, midwest, and northeast;
- California had the highest number of job postings (1,192), followed by Florida (755), Texas (601), Illinois (3705), Ohio (355), and New York (352). Vermont (9), Puerto Rico (11) and Wyoming (11) had the lowest number of job postings;
- The MSAs with the highest number of job postings in the first quarter were New York-Newark, Los Angeles, and Miami-Fort Lauderdale. The MSAs with the highest number of job postings in the second quarter were Los Angeles, New York-Newark, and Chicago; and
- The highest number of postings were for the Clinical Pharmacist position (3,060) followed by Retail Pharmacist position (2,636), the Other Pharmacist Occupations category (1.544), Hospital Pharmacist position (560), and Pharmacy Director position (407).

Pharmacy Technicians

There were 91,355 job postings for pharmacy technicians through the first half of 2021. Highlights for pharmacy technicians job postings for 2021 include:

- 59,409 job postings were reported for the first quarter (includes carry over postings from 2020) and 36,507 were reported for the second quarter;
- The highest number of job postings were in the southern part of the country, followed by the west, midwest, and northeast;
- California had the highest number of job postings (9,824) followed by Texas (7,798), Florida (6,747), Arizona (4,425), and Ohio (4,202). Wyoming had the lowest number of job postings (80); and
- Phoenix, New York-Newark, and Los Angeles had the highest number of job postings for the first quarter. New York-Newark, Los Angeles and Dallas-Fort Worth had the highest numbers of job postings for the second quarter.

Regional Data

Clinical Pharmacist

	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	276	115	191	167	749	268	154	0	0	422
South	640	144	487	468	1,739	690	438	0	0	1,128
Midwest	406	93	224	225	948	322	257	0	0	579
West	532	176	330	344	1,382	462	469	0	0	931

Retail Pharmacist

	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	285	202	91	150	728	255	208	0	0	463
South	424	208	265	243	1,140	503	338	0	0	841
Midwest	338	137	87	162	724	309	275	0	0	584
West	627	279	172	252	1,330	389	359	0	0	748

Hospital Pharmacist

	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	57	17	19	21	114	44	44	0	0	88
South	112	72	60	32	276	81	54	0	0	135
Midwest	82	34	18	48	182	73	59	0	0	132
West	155	68	55	64	342	105	100	0	0	205

All Pharmacist Positions

	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	842	440	372	424	2,078	724	530	0	0	1,254
South	1,511	565	969	909	3,954	1,667	1,101	0	0	2,768
Midwest	1,214	401	440	614	2,669	992	776	0	0	1,768
West	1,693	709	740	796	3,938	1,255	1,162	0	0	2,417

Other Pharmacist Occupations

	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	193	89	66	78	426	142	110	0	0	252
South	251	93	123	124	591	322	177	0	0	499
Midwest	335	112	90	167	704	253	137	0	0	390
West	271	144	124	106	645	238	165	0	0	403

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	0	0	14,480
South	16,435	9,686	10,085	11,410	47,616	19,574	13,038	0	0	32,612
Midwest	12,082	6,892	6,544	8,214	33,732	12,421	8,422	0	0	20,843
West	11,238	6,580	8,135	9,387	35,340	14,571	8,849	0	0	23,420

Pharmacy Director

	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	31	17	5	8	61	15	14	0	0	29
South	84	48	34	42	208	71	94	0	0	165
Midwest	53	25	21	12	111	35	48	0	0	83
West	108	42	59	30	239	61	69	0	0	130

Pharmacy Demand Report (PDR)

Clinical Pharmacist

Job Postings Per State

| State/Territory | Number of Pharmacists Licensed (as of Oct. 2020) | 2020 | | | | | | 2021 | | | | |
		Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total
Alabama	10,335	5	0	2	4	11	1.06	7	6			13
Alaska	1,002	7	1	1	5	14	13.97	7	5			12
Arizona	12,051	37	18	25	26	106	8.80	47	33			80
Arkansas	6,540	4	4	10	10	28	4.28	19	10			29
California	47,926	342	108	218	237	905	18.88	286	282			568
Colorado	8,832	31	6	25	21	83	9.40	26	20			46
Connecticut	5,545	65	30	28	23	146	26.33	38	26			64
Delaware	2,415	5	0	6	8	19	7.87	9	5			14
District of Columbia	2,045	5	3	7	6	21	10.27	9	4			13
Florida	34,157	204	24	142	152	522	15.28	207	144			351
Georgia	15,216	73	16	46	30	165	10.84	60	52			112
Hawaii	2,451	2	4	2	1	9	3.67	5	9			14
Idaho	4,082	15	0	6	6	27	6.61	9	14			23
Illinois	18,446	73	19	38	43	173	9.38	74	74			148
Indiana	11,497	32	13	15	23	83	7.22	32	17			49
Iowa	6,349	12	5	14	11	42	6.62	12	5			17
Kansas	7,234	15	3	7	9	34	4.70	10	7			17
Kentucky	10,767	27	5	23	21	76	7.06	35	21			56
Louisiana	9,200	21	5	17	11	54	5.87	16	7			23
Maine	2,300	5	3	8	6	22	9.57	6	5			11
Maryland	12,228	38	18	24	22	102	8.34	26	11			37
Massachusetts	13,936	44	10	35	34	123	8.83	35	12			47
Michigan	16,582	32	7	23	17	79	4.76	27	20			47
Minnesota	9,033	41	11	36	26	114	12.62	43	15			58
Mississippi	6,357	0	6	1	0	7	1.10	0	4			4
Missouri	11,320	55	11	30	29	125	11.04	46	38			84
Montana	2,111	2	0	1	2	5	2.37	4	3			7
Nebraska	5,495	4	2	1	1	8	1.46	2	3			5
Nevada	7,721	19	3	20	23	65	8.42	36	28			64
New Hampshire	2,912	2	1	15	5	23	7.90	6	4			10
New Jersey	18,019	34	18	21	24	97	5.38	35	36			71
New Mexico	3,065	7	3	9	6	25	8.16	10	15			25
New York	27,113	56	13	39	44	152	5.61	71	22			93
North Carolina	17,009	34	9	28	30	101	5.94	45	22			67
North Dakota	2,336	1	0	1	1	3	1.28	1	5			6
Ohio	20,979	120	15	43	49	227	10.82	63	64			127
Oklahoma	7,838	6	0	3	3	12	1.53	5	5			10
Oregon	8,488	16	3	1	2	22	2.59	5	17			22
Pennsylvania	24,586	58	37	33	19	147	5.98	62	44			106
Puerto Rico	5,340	1	1	0	1	3	0.56	3	3			6
Rhode Island	2,185	11	3	11	12	37	16.93	14	4			18
South Carolina	9,458	12	9	15	10	46	4.86	13	12			25
South Dakota	2,046	1	0	1	0	2	0.98	0	4			4
Tennessee	12,556	22	4	15	19	60	4.78	20	10			30
Texas	35,669	150	33	98	102	383	10.74	161	81			242
Utah	4,094	21	14	3	2	40	9.77	7	11			18
Vermont	1,231	1	0	1	0	2	1.62	1	1			2
Virginia	15,616	29	8	44	35	116	7.43	52	42			94
Washington	10,969	33	16	18	12	79	7.20	19	31			50
West Virginia	5,522	5	0	6	5	16	2.90	6	2			8
Wisconsin	8,942	20	7	15	16	58	6.49	12	5			17
Wyoming	1,441	0	0	1	1	2	1.39	1	1			2

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

Pharmacy Demand Report (PDR)

Hospital Pharmacist

Job Postings Per State

State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	2020 Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	2021 Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total
Alabama	10,335	0	0	0	0	0	0.00	6	0			6
Alaska	1,002	1	0	1	5	7	6.99	6	2			8
Arizona	12,051	21	3	14	8	46	3.82	9	9			18
Arkansas	6,540	0	0	0	0	0	0.00	0	1			1
California	47,926	88	48	21	21	178	3.71	46	49			95
Colorado	8,832	11	1	4	8	24	2.72	17	8			25
Connecticut	5,545	5	4	3	5	17	3.07	5	0			5
Delaware	2,415	0	0	0	2	2	0.83	1	0			1
District of Columbia	2,045	0	0	0	0	0	0.00	0	0			0
Florida	34,157	18	20	15	9	62	1.82	14	15			29
Georgia	15,216	7	10	10	6	33	2.17	12	3			15
Hawaii	2,451	2	0	0	0	2	0.82	3	1			4
Idaho	4,082	0	0	0	1	1	0.24	1	5			6
Illinois	18,446	19	11	4	11	45	2.44	25	17			42
Indiana	11,497	7	1	1	0	9	0.78	4	6			10
Iowa	6,349	0	0	0	1	1	0.16	3	0			3
Kansas	7,234	0	0	0	0	0	0.00	1	2			3
Kentucky	10,767	8	6	0	0	14	1.30	5	11			16
Louisiana	9,200	16	14	2	1	33	3.59	1	0			1
Maine	2,300	6	0	1	3	10	4.35	6	1			7
Maryland	12,228	8	6	4	1	19	1.55	2	3			5
Massachusetts	13,936	2	3	4	5	14	1.00	7	10			17
Michigan	16,582	10	5	2	3	20	1.21	2	2			4
Minnesota	9,033	3	7	4	5	19	2.10	12	6			18
Mississippi	6,357	0	0	0	0	0	0.00	1	2			3
Missouri	11,320	5	1	1	4	11	0.97	4	8			12
Montana	2,111	1	1	1	0	3	1.42	1	4			5
Nebraska	5,495	9	1	0	7	17	3.09	7	5			12
Nevada	7,721	4	2	2	5	13	1.68	9	5			14
New Hampshire	2,912	0	0	0	0	0	0.00	0	2			2
New Jersey	18,019	8	2	5	2	17	0.94	9	13			22
New Mexico	3,065	7	4	7	4	22	7.18	5	6			11
New York	27,113	14	7	4	1	26	0.96	12	8			20
North Carolina	17,009	3	4	2	2	11	0.65	5	4			9
North Dakota	2,336	0	0	0	0	0	0.00	2	2			4
Ohio	20,979	11	4	5	13	33	1.57	11	7			18
Oklahoma	7,838	5	2	2	0	9	1.15	2	1			3
Oregon	8,488	0	2	1	5	8	0.94	2	4			6
Pennsylvania	24,586	20	1	2	3	26	1.06	3	8			11
Puerto Rico	5,340	0	0	0	0	0	0.00	0	0			0
Rhode Island	2,185	2	0	0	2	4	1.83	2	0			2
South Carolina	9,458	4	2	4	5	15	1.59	8	4			12
South Dakota	2,046	0	0	0	0	0	0.00	0	0			0
Tennessee	12,556	1	1	0	0	2	0.16	1	0			1
Texas	35,669	40	7	20	6	73	2.05	23	8			31
Utah	4,094	2	0	0	0	2	0.49	0	0			0
Vermont	1,231	0	0	0	0	0	0.00	0	2			2
Virginia	15,616	2	0	1	0	3	0.19	0	0			0
Washington	10,969	17	7	4	7	35	3.19	6	7			13
West Virginia	5,522	0	0	0	0	0	0.00	0	2			2
Wisconsin	8,942	18	4	1	4	27	3.02	2	4			6
Wyoming	1,441	1	0	0	0	1	0.69	0	0			0

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	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 Natlonal 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**

Pharmacy Demand Report (PDR)
Other Pharmacist Occupations
(Compounding, Informatics, Infusion, Long-Term Care, Nuclear Pharmacist, Oncology)

Job Postings Per State

State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	2020 Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	2021 Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total
Alabama	10,335	4	0	2	2	8	0.77	4	1			5
Alaska	1,002	1	0	0	0	1	1.00	4	2			6
Arizona	12,051	18	9	12	16	55	4.56	25	28			53
Arkansas	6,540	5	3	0	3	11	1.68	6	2			8
California	47,926	148	94	76	48	366	7.64	124	77			201
Colorado	8,832	16	12	13	16	57	6.45	21	18			39
Connecticut	5,545	11	3	11	9	34	6.13	11	17			28
Delaware	2,415	0	0	1	0	1	0.41	1	2			3
District of Columbia	2,045	2	0	1	2	5	2.44	4	4			8
Florida	34,157	61	26	30	29	146	4.27	71	43			114
Georgia	15,216	23	9	15	5	52	3.42	13	5			18
Hawaii	2,451	4	1	0	0	5	2.04	1	1			2
Idaho	4,082	8	1	6	3	18	4.41	16	7			23
Illinois	18,446	38	15	10	6	69	3.74	24	30			54
Indiana	11,497	24	13	5	22	64	5.57	33	11			44
Iowa	6,349	2	0	1	0	3	0.47	2	4			6
Kansas	7,234	6	8	1	0	15	2.07	5	1			6
Kentucky	10,767	10	4	2	2	18	1.67	10	2			12
Louisiana	9,200	36	2	4	4	46	5.00	26	5			31
Maine	2,300	3	2	1	0	6	2.61	2	0			2
Maryland	12,228	7	9	13	7	36	2.94	13	11			24
Massachusetts	13,936	21	11	13	11	56	4.02	17	7			24
Michigan	16,582	72	31	16	28	147	8.87	41	19			60
Minnesota	9,033	9	7	5	2	23	2.55	13	9			22
Mississippi	6,357	1	3	0	0	4	0.63	0	6			6
Missouri	11,320	35	7	12	11	65	5.74	15	14			29
Montana	2,111	9	0	2	0	11	5.21	1	3			4
Nebraska	5,495	3	0	0	0	3	0.55	0	1			1
Nevada	7,721	21	7	7	5	40	5.18	11	3			14
New Hampshire	2,912	7	3	5	5	20	6.87	10	5			15
New Jersey	18,019	50	30	6	16	102	5.66	30	31			61
New Mexico	3,065	8	5	1	1	15	4.89	5	2			7
New York	27,113	48	8	15	23	94	3.47	36	33			69
North Carolina	17,009	17	4	17	20	58	3.41	64	44			108
North Dakota	2,336	0	1	0	0	1	0.43	0	1			1
Ohio	20,979	139	21	38	94	292	13.92	100	33			133
Oklahoma	7,838	8	5	6	3	22	2.81	7	4			11
Oregon	8,488	6	2	1	4	13	1.53	9	6			15
Pennsylvania	24,586	44	30	14	14	102	4.15	33	14			47
Puerto Rico	5,340	2	0	0	1	3	0.56	1	0			1
Rhode Island	2,185	8	2	1	0	11	5.03	3	0			3
South Carolina	9,458	3	4	2	8	17	1.80	7	0			7
South Dakota	2,046	2	1	0	0	3	1.47	2	0			2
Tennessee	12,556	6	1	5	3	15	1.19	8	4			12
Texas	35,669	62	22	18	29	131	3.67	66	39			105
Utah	4,094	8	2	2	2	14	3.42	1	4			5
Vermont	1,231	1	0	0	0	1	0.81	0	3			3
Virginia	15,616	6	1	6	6	19	1.22	19	4			23
Washington	10,969	22	11	4	11	48	4.38	16	12			28
West Virginia	5,522	0	0	1	1	2	0.36	3	1			4
Wisconsin	8,942	5	8	2	4	19	2.12	18	14			32
Wyoming	1,441	2	0	0	0	2	1.39	4	2			6

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 Lower 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 Higher 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

Pharmacy Demand Report (PDR)
Pharmacy Director
Job Postings Per State

State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	2020 Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	2021 Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total
Alabama	10,335	1	0	0	0	1	0.10	0	1			1
Alaska	1,002	2	0	0	2	4	3.99	3	1			4
Arizona	12,051	17	5	0	0	22	1.83	3	3			6
Arkansas	6,540	4	0	0	1	5	0.76	2	0			2
California	47,926	57	20	47	14	138	2.88	38	30			68
Colorado	8,832	7	2	1	3	13	1.47	4	4			8
Connecticut	5,545	0	1	1	0	2	0.36	0	2			2
Delaware	2,415	1	0	0	0	1	0.41	0	0			0
District of Columbia	2,045	2	1	0	1	4	1.96	1	0			1
Florida	34,157	12	5	8	11	36	1.05	17	28			45
Georgia	15,216	3	2	0	3	8	0.53	4	5			9
Hawaii	2,451	4	0	0	0	4	1.63	0	0			0
Idaho	4,082	4	3	1	2	10	2.45	1	1			2
Illinois	18,446	3	5	1	3	12	0.65	10	7			17
Indiana	11,497	4	3	2	4	13	1.13	6	3			9
Iowa	6,349	1	0	1	0	2	0.32	1	2			3
Kansas	7,234	2	0	1	0	3	0.41	0	2			2
Kentucky	10,767	7	4	2	1	14	1.30	3	1			4
Louisiana	9,200	3	0	2	1	6	0.65	2	6			8
Maine	2,300	0	0	0	0	0	0.00	2	2			4
Maryland	12,228	5	0	0	0	5	0.41	0	1			1
Massachusetts	13,936	4	4	1	2	11	0.79	1	0			1
Michigan	16,582	13	5	1	1	20	1.21	5	7			12
Minnesota	9,033	2	0	0	0	2	0.22	2	1			3
Mississippi	6,357	0	0	0	0	0	0.00	0	1			1
Missouri	11,320	4	0	1	1	6	0.53	1	6			7
Montana	2,111	0	0	0	0	0	0.00	0	2			2
Nebraska	5,495	1	1	2	0	4	0.73	2	4			6
Nevada	7,721	6	1	5	2	14	1.81	3	3			6
New Hampshire	2,912	0	2	0	0	2	0.69	0	1			1
New Jersey	18,019	7	2	0	3	12	0.67	2	1			3
New Mexico	3,065	1	3	1	0	5	1.63	0	1			1
New York	27,113	5	0	2	0	7	0.26	5	4			9
North Carolina	17,009	4	3	3	1	11	0.65	6	9			15
North Dakota	2,336	0	0	2	0	2	0.86	0	1			1
Ohio	20,979	15	7	7	2	31	1.48	5	13			18
Oklahoma	7,838	2	0	0	1	3	0.38	1	4			5
Oregon	8,488	4	3	3	2	12	1.41	3	3			6
Pennsylvania	24,586	15	8	1	3	27	1.10	5	3			8
Puerto Rico	5,340	0	0	1	1	2	0.37	1	0			1
Rhode Island	2,185	0	0	0	0	0	0.00	0	0			0
South Carolina	9,458	2	4	0	1	7	0.74	1	6			7
South Dakota	2,046	0	0	0	0	0	0.00	0	0			0
Tennessee	12,556	0	1	7	1	9	0.72	1	4			5
Texas	35,669	31	22	12	19	84	2.35	24	21			45
Utah	4,094	0	1	0	1	2	0.49	1	0			1
Vermont	1,231	0	0	0	0	0	0.00	0	1			1
Virginia	15,616	4	5	0	0	9	0.58	9	6			15
Washington	10,969	6	4	1	4	15	1.37	5	21			26
West Virginia	5,522	3	1	0	1	5	0.91	0	1			1
Wisconsin	8,942	8	4	3	1	16	1.79	3	2			5
Wyoming	1,441	0	0	0	0	0	0.00	0	0			0

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	Much 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

Pharmacy Demand Report (PDR)

Retail Pharmacist

Job Postings Per State

State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	2020 Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	2021 Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total
Alabama	10,335	8	2	12	5	27	2.61	6	3			9
Alaska	1,002	3	2	3	6	14	13.97	6	8			14
Arizona	12,051	86	29	29	71	215	17.84	95	55			150
Arkansas	6,540	6	2	3	3	14	2.14	8	8			16
California	47,926	321	150	83	91	645	13.46	154	106			260
Colorado	8,832	41	21	12	9	83	9.40	14	36			50
Connecticut	5,545	9	3	4	7	23	4.15	12	15			27
Delaware	2,415	1	0	1	4	6	2.48	1	10			11
District of Columbia	2,045	2	3	0	2	7	3.42	3	5			8
Florida	34,157	106	54	100	64	324	9.49	137	79			216
Georgia	15,216	33	29	44	26	132	8.68	59	32			91
Hawaii	2,451	0	1	1	2	4	1.63	4	2			6
Idaho	4,082	6	5	6	11	28	6.86	14	11			25
Illinois	18,446	41	23	13	43	120	6.51	72	37			109
Indiana	11,497	21	8	12	23	64	5.57	32	24			56
Iowa	6,349	4	3	0	3	10	1.58	7	14			21
Kansas	7,234	12	10	5	4	31	4.29	12	19			31
Kentucky	10,767	26	9	0	8	43	3.99	13	28			41
Louisiana	9,200	18	12	5	12	47	5.11	27	8			35
Maine	2,300	4	2	2	2	10	4.35	5	5			10
Maryland	12,228	15	6	6	7	34	2.78	15	12			27
Massachusetts	13,936	26	11	9	8	54	3.87	13	13			26
Michigan	16,582	42	18	7	27	94	5.67	49	48			97
Minnesota	9,033	9	10	2	6	27	2.99	29	22			51
Mississippi	6,357	6	1	1	0	8	1.26	1	7			8
Missouri	11,320	36	9	11	19	75	6.63	30	21			51
Montana	2,111	12	2	1	1	16	7.58	10	14			24
Nebraska	5,495	25	5	7	3	40	7.28	10	36			46
Nevada	7,721	32	17	17	11	77	9.97	20	16			36
New Hampshire	2,912	13	4	6	5	28	9.62	4	4			8
New Jersey	18,019	44	34	21	27	126	6.99	35	46			81
New Mexico	3,065	16	2	4	5	27	8.81	6	6			12
New York	27,113	68	86	21	49	224	8.26	110	51			161
North Carolina	17,009	13	12	14	9	48	2.82	33	8			41
North Dakota	2,336	36	6	6	3	51	21.83	13	7			20
Ohio	20,979	75	29	19	20	143	6.82	28	31			59
Oklahoma	7,838	8	11	5	9	33	4.21	30	18			48
Oregon	8,488	23	16	5	19	63	7.42	24	42			66
Pennsylvania	24,586	116	57	27	44	244	9.92	70	67			137
Puerto Rico	5,340	1	0	4	1	6	1.12	0	3			3
Rhode Island	2,185	5	5	0	6	16	7.32	5	7			12
South Carolina	9,458	21	11	11	18	61	6.45	34	10			44
South Dakota	2,046	3	0	2	1	6	2.93	6	7			13
Tennessee	12,556	18	4	14	16	52	4.14	24	13			37
Texas	35,669	126	47	47	49	269	7.54	98	80			178
Utah	4,094	9	1	1	2	13	3.18	2	17			19
Vermont	1,231	0	0	1	2	3	2.44	1	0			1
Virginia	15,616	14	4	2	6	26	1.66	13	16			29
Washington	10,969	76	31	9	24	140	12.76	40	43			83
West Virginia	5,522	3	1	0	5	9	1.63	1	1			2
Wisconsin	8,942	34	16	3	10	63	7.05	21	9			30
Wyoming	1,441	2	2	1	0	5	3.47	0	3			3

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

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

Job Postings Per State

State/Territory	Number of Pharmacists Licensed (as of Oct. 2020)	2020					Postings Quotient for 2020	2021				
		Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total		Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total
Alabama	10,335	18	2	16	11	47	4.55	23	11	0	0	34
Alaska	1,002	14	3	5	18	40	39.92	26	18	0	0	44
Arizona	12,051	179	64	80	121	444	36.84	179	128	0	0	307
Arkansas	6,540	19	9	13	17	58	8.87	35	21	0	0	56
California	47,926	956	420	445	411	2,232	46.57	648	544	0	0	1,192
Colorado	8,832	106	42	55	57	260	29.44	82	86	0	0	168
Connecticut	5,545	90	41	47	44	222	40.04	66	60	0	0	126
Delaware	2,415	7	0	8	14	29	12.01	12	17	0	0	29
District of Columbia	2,045	11	7	8	11	37	18.09	17	13	0	0	30
Florida	34,157	401	129	295	265	1,090	31.91	446	309	0	0	755
Georgia	15,216	139	66	115	70	390	25.63	148	97	0	0	245
Hawaii	2,451	12	6	3	3	24	9.79	13	13	0	0	26
Idaho	4,082	33	9	19	23	84	20.58	41	38	0	0	79
Illinois	18,446	174	73	66	106	419	22.71	205	165	0	0	370
Indiana	11,497	88	38	35	72	233	20.27	107	61	0	0	168
Iowa	6,349	19	8	16	15	58	9.14	25	25	0	0	50
Kansas	7,234	35	21	14	13	83	11.47	28	31	0	0	59
Kentucky	10,767	78	28	27	32	165	15.32	66	63	0	0	129
Louisiana	9,200	94	33	30	29	186	20.22	72	26	0	0	98
Maine	2,300	18	7	12	11	48	20.87	21	13	0	0	34
Maryland	12,228	73	39	47	37	196	16.03	56	38	0	0	94
Massachusetts	13,936	97	39	62	60	258	18.51	73	42	0	0	115
Michigan	16,582	169	66	49	76	360	21.71	124	96	0	0	220
Minnesota	9,033	64	35	47	39	185	20.48	99	53	0	0	152
Mississippi	6,357	7	10	2	0	19	2.99	2	20	0	0	22
Missouri	11,320	135	28	55	64	282	24.91	96	87	0	0	183
Montana	2,111	24	3	5	3	35	16.58	16	26	0	0	42
Nebraska	5,495	42	9	10	11	72	13.10	21	49	0	0	70
Nevada	7,721	82	30	51	46	209	27.07	79	55	0	0	134
New Hampshire	2,912	22	10	26	15	73	25.07	20	16	0	0	36
New Jersey	18,019	143	86	53	72	354	19.65	111	127	0	0	238
New Mexico	3,065	39	17	22	16	94	30.67	26	30	0	0	56
New York	27,113	191	114	81	117	503	18.55	234	118	0	0	352
North Carolina	17,009	71	32	64	62	229	13.46	153	87	0	0	240
North Dakota	2,336	37	7	9	4	57	24.40	16	16	0	0	32
Ohio	20,979	360	76	112	178	726	34.61	207	148	0	0	355
Oklahoma	7,838	29	18	16	16	79	10.08	45	32	0	0	77
Oregon	8,488	49	26	11	32	118	13.90	43	72	0	0	115
Pennsylvania	24,586	253	133	77	83	546	22.21	173	136	0	0	309
Puerto Rico	5,340	4	1	5	4	14	2.62	5	6	0	0	11
Rhode Island	2,185	26	10	12	20	68	31.12	24	11	0	0	35
South Carolina	9,458	42	30	32	42	146	15.44	63	32	0	0	95
South Dakota	2,046	6	1	3	1	11	5.38	8	11	0	0	19
Tennessee	12,556	47	11	41	39	138	10.99	54	31	0	0	85
Texas	35,669	409	131	195	205	940	26.35	372	229	0	0	601
Utah	4,094	40	18	6	7	71	17.34	11	32	0	0	43
Vermont	1,231	2	0	2	2	6	4.87	2	7	0	0	9
Virginia	15,616	55	18	53	47	173	11.08	93	68	0	0	161
Washington	10,969	154	69	36	58	317	28.90	86	114	0	0	200
West Virginia	5,522	11	2	7	12	32	5.80	10	7	0	0	17
Wisconsin	8,942	85	39	24	35	183	20.47	56	34	0	0	90
Wyoming	1,441	5	2	2	1	10	6.94	5	6	0	0	11

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

Job Postings in the Top 50 Metropolitan Statistical Areas (MSAs)

2020 — Full Year

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	610	Similar to National Average
Miami-Fort Lauderdale-West Palm Beach, FL	373	Much Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	371	Similar to National Average
Phoenix-Mesa-Scottsdale, AZ	352	Similar to National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	318	Similar to National Average
Sacramento--Roseville--Arden-Arcade, CA	301	Much Higher than National Average
Dallas-Fort Worth-Arlington, TX	293	Lower than National Average
San Francisco-Oakland-Hayward, CA	288	Similar to National Average
Seattle-Tacoma-Bellevue, WA	239	Similar to National Average
Orlando-Kissimmee-Sanford, FL	242	Much Higher than National Average
Cleveland-Elyria, OH	238	Much Higher than National Average
Atlanta-Sandy Springs-Roswell, GA	234	Lower than National Average
San Diego-Carlsbad, CA	225	Higher than National Average
Houston-The Woodlands-Sugar Land, TX	221	Similar to National Average
Boston-Cambridge-Nashua, MA-NH	197	Lower than National Average
Detroit-Warren-Dearborn, MI	196	Similar to National Average
St. Louis, MO-IL	186	Higher than National Average
Denver-Aurora-Lakewood, CO	162	Lower than National Average
Baltimore-Columbia-Towson, MD	160	Lower than National Average
Tampa-St. Petersburg-Clearwater, FL	141	Similar to National Average
Riverside-San Bernardino-Ontario, CA	141	Lower than National Average
Cincinnati, OH-KY-IN	134	Higher than National Average
Pittsburgh, PA	133	Similar to National Average
Minneapolis-St. Paul-Bloomington, MN-WI	128	Much Higher than National Average
Las Vegas-Henderson-Paradise, NV	127	Higher than National Average
San Antonio-New Braunfels, TX	121	Similar to National Average
Washington-Arlington-Alexandria, DC-VA-MD-WV	108	Much Lower than National Average
Milwaukee-Waukesha-West Allis, WI	107	Similar to National Average
Louisville/Jefferson County, KY-IN	103	Higher than National Average
Indianapolis-Carmel-Anderson, IN	103	Lower than National Average
New Haven, CT	96	Much Higher than National Average
Austin-Round Rock, TX	84	Much Lower than National Average
Columbus, OH	83	Lower than National Average
Fresno, CA	82	Much Higher than National Average
Portland-Vancouver-Hillsboro, OR-WA	80	Much Lower than National Average
San Jose-Sunnyvale-Santa Clara, CA	78	Much Lower than National Average
Kansas City, MO-KS	78	Similar to National Average
Reno, NV	70	Much Higher than National Average
Buffalo-Cheektowaga-Niagara Falls, NY	69	Similar to National Average
Providence-Warwick, RI-MA	68	Higher than National Average
Boise City, ID	65	Higher than National Average
Ann Arbor, MI	65	Much Higher than National Average
Nashville-Davidson--Murfreesboro--Franklin, TN	64	Much Lower than National Average
New Orleans-Metairie, LA	61	Much Higher than National Average
Albuquerque, NM	60	Higher than National Average
Salt Lake City, UT	59	Similar to National Average
Hartford-West Hartford-East Hartford, CT	58	Similar to National Average
Charlotte-Concord-Gastonia, NC-SC	58	Much Higher than National Average
Baton Rouge, LA	58	Much Higher than National Average

2021 — Quarter 1

Metro Area	Job Postings	Location Quotient
New York-Newark-Jersey City, NY-NJ-PA	237	Similar to National Average
Los Angeles-Long Beach-Anaheim, CA	185	Similar to National Average
Miami-Fort Lauderdale-West Palm Beach, FL	167	Much Higher than National Average
Chicago-Naperville-Elgin, IL-IN-WI	154	Similar to National Average
Phoenix-Mesa-Scottsdale, AZ	135	Higher than National Average
Houston-The Woodlands-Sugar Land, TX	96	Higher than National Average
Dallas-Fort Worth-Arlington, TX	96	Lower than National Average
San Francisco-Oakland-Hayward, CA	94	Similar to National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	83	Similar to National Average
Orlando-Kissimmee-Sanford, FL	80	Much Higher than National Average
Sacramento--Roseville--Arden-Arcade, CA	76	Much Higher than National Average
Minneapolis-St. Paul-Bloomington, MN-WI	76	Similar to National Average
Atlanta-Sandy Springs-Roswell, GA	73	Lower than National Average
Cleveland-Elyria, OH	68	Much Higher than National Average
Seattle-Tacoma-Bellevue, WA	63	Lower than National Average
Indianapolis-Carmel-Anderson, IN	63	Higher than National Average
Detroit-Warren-Dearborn, MI	61	Similar to National Average
Boston-Cambridge-Nashua, MA-NH	61	Much Lower than National Average
Tampa-St. Petersburg-Clearwater, FL	59	Similar to National Average
St. Louis, MO-IL	57	Similar to National Average
San Diego-Carlsbad, CA	57	Similar to National Average
Denver-Aurora-Lakewood, CO	54	Lower than National Average
Las Vegas-Henderson-Paradise, NV	52	Much Higher than National Average
Pittsburgh, PA	45	Similar to National Average
Louisville/Jefferson County, KY-IN	45	Much Higher than National Average
Baltimore-Columbia-Towson, MD	45	Similar to National Average
Washington-Arlington-Alexandria, DC-VA-MD-WV	44	Much Lower than National Average
San Antonio-New Braunfels, TX	44	Higher than National Average
Cincinnati, OH-KY-IN	44	Similar to National Average
San Jose-Sunnyvale-Santa Clara, CA	41	Lower than National Average
Raleigh, NC	38	Similar to National Average
Baton Rouge, LA	37	Much Higher than National Average
Milwaukee-Waukesha-West Allis, WI	33	Similar to National Average
Columbus, OH	33	Similar to National Average
Boise City, ID	33	Much Higher than National Average
Virginia Beach-Norfolk-Newport News, VA-NC	32	Similar to National Average
Riverside-San Bernardino-Ontario, CA	32	Much Lower than National Average
Portland-Vancouver-Hillsboro, OR-WA	32	Much Lower than National Average
Tucson, AZ	28	Much Higher than National Average
New Haven, CT	28	Much Higher than National Average
Nashville-Davidson--Murfreesboro--Franklin, TN	28	Lower than National Average
Fresno, CA	28	Much Higher than National Average
Buffalo-Cheektowaga-Niagara Falls, NY	26	Higher than National Average
Austin-Round Rock, TX	25	Much Lower than National Average
Providence-Warwick, RI-MA	24	Much Higher than National Average
Kansas City, MO-KS	24	Much Lower than National Average
Reno, NV	23	Much Higher than National Average
Oklahoma City, OK	23	Similar to National Average
Fayetteville, NC	23	Much Higher than National Average
Modesto, CA	22	Much Higher than National Average

2021 — Quarter 2

Metro Area	Job Postings	Location Quotient
Los Angeles-Long Beach-Anaheim, CA	161	Similar to National Average
New York-Newark-Jersey City, NY-NJ-PA	155	Similar to National Average
Chicago-Naperville-Elgin, IL-IN-WI	148	Higher than National Average
Miami-Fort Lauderdale-West Palm Beach, FL	109	Higher than National Average
Phoenix-Mesa-Scottsdale, AZ	107	Higher than National Average
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	91	Higher than National Average
San Francisco-Oakland-Hayward, CA	77	Similar to National Average
Dallas-Fort Worth-Arlington, TX	67	Much Lower than National Average
Seattle-Tacoma-Bellevue, WA	65	Similar to National Average
Houston-The Woodlands-Sugar Land, TX	61	Similar to National Average
Orlando-Kissimmee-Sanford, FL	59	Much Higher than National Average
Sacramento--Roseville--Arden-Arcade, CA	58	Much Higher than National Average
Denver-Aurora-Lakewood, CO	55	Lower than National Average
Cincinnati, OH-KY-IN	49	Much Higher than National Average
Tampa-St. Petersburg-Clearwater, FL	48	Similar to National Average
San Diego-Carlsbad, CA	47	Similar to National Average
St. Louis, MO-IL	42	Higher than National Average
Atlanta-Sandy Springs-Roswell, GA	42	Much Higher than National Average
Pittsburgh, PA	38	Higher than National Average
Minneapolis-St. Paul-Bloomington, MN-WI	38	Lower than National Average
Washington-Arlington-Alexandria, DC-VA-MD-WV	37	Much Lower than National Average
Indianapolis-Carmel-Anderson, IN	36	Similar to National Average
Portland-Vancouver-Hillsboro, OR-WA	35	Similar to National Average
Boston-Cambridge-Nashua, MA-NH	34	Much Lower than National Average
Detroit-Warren-Dearborn, MI	33	Much Lower than National Average
San Jose-Sunnyvale-Santa Clara, CA	32	Similar to National Average
Kansas City, MO-KS	31	Similar to National Average
Las Vegas-Henderson-Paradise, NV	30	Similar to National Average
Cleveland-Elyria, OH	27	Similar to National Average
Riverside-San Bernardino-Ontario, CA	26	Lower than National Average
Louisville/Jefferson County, KY-IN	25	Higher than National Average
San Antonio-New Braunfels, TX	24	Similar to National Average
Salt Lake City, UT	24	Similar to National Average
Jacksonville, FL	24	Similar to National Average
Baltimore-Columbia-Towson, MD	24	Lower than National Average
Reno, NV	23	Much Higher than National Average
Omaha-Council Bluffs, NE-IA	23	Much Higher than National Average
Durham-Chapel Hill, NC	23	Much Higher than National Average
New Haven, CT (Metropolitan NECTA)	22	Much Higher than National Average
Grand Rapids-Wyoming, MI	22	Much Higher than National Average
Virginia Beach-Norfolk-Newport News, VA-NC	21	Similar to National Average
Nashville-Davidson--Murfreesboro--Franklin, TN	21	Lower than National Average
Charlotte-Concord-Gastonia, NC-SC	21	Much Lower than National Average
Milwaukee-Waukesha-West Allis, WI	20	Lower than National Average
Fresno, CA	20	Much Higher than National Average
Spokane-Spokane Valley, WA	19	Much Higher than National Average
Richmond, VA	19	Similar to National Average
Columbus, OH	19	Lower than National Average
Boise City, ID	19	Higher than National Average
Raleigh, NC	17	Lower than National Average

Quarter 3

Metro Area	Job Postings	Location Quotient

Quarter 4

Metro Area	Job Postings	Location Quotient

Pharmacy Demand Report (PDR)

Pharmacy Technician

Job Postings Per State

State/Territory	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)	2020						2021				
		Q1 (Includes Carryover from 2019)	Q2	Q3	Q4	Total	Postings Quotient for 2020	Q1 (Includes Carryover from 2020)	Q2	Q3	Q4	Total
Alabama	6,790	515	307	275	355	1,452	213.84	526	472			998
Alaska	590	73	44	62	62	241	408.47	113	102			215
Arizona	8,900	1,680	957	2,538	2,822	7,997	898.54	2,984	1,441			4,425
Arkansas	4,880	208	162	198	180	748	153.28	299	160			459
California	36,560	5,014	3,294	2,905	3,375	14,588	399.02	6,112	3,712			9,824
Colorado	5,600	1,201	504	655	903	3,263	582.68	1,416	918			2,334
Connecticut	3,870	566	359	338	391	1,654	427.39	633	369			1,002
Delaware	1,360	112	85	49	78	324	238.24	107	105			212
District of Columbia	670	115	78	52	67	312	465.67	105	77			182
Florida	29,800	3,052	1,770	1,903	2,186	8,911	299.03	3,980	2,767			6,747
Georgia	11,360	1,031	717	766	842	3,356	295.42	1,494	880			2,374
Hawaii	1,790	130	100	82	108	420	234.64	182	163			345
Idaho	2,190	225	106	185	196	712	325.11	491	238			729
Illinois	21,090	1,977	1,104	907	1,269	5,257	249.27	1,725	1,327			3,052
Indiana	9,610	1,214	713	550	1,084	3,561	370.55	1,901	1,008			2,909
Iowa	4,270	398	235	308	272	1,213	284.07	467	337			804
Kansas	4,220	418	208	262	360	1,248	295.73	530	305			835
Kentucky	8,840	751	468	495	564	2,278	257.69	908	495			1,403
Louisiana	6,150	710	462	330	397	1,899	308.78	757	494			1,251
Maine	2,270	208	120	91	115	534	235.24	156	84			240
Maryland	7,640	904	543	477	601	2,525	330.50	1,106	824			1,930
Massachusetts	9,150	1,522	946	783	979	4,230	462.30	1,504	946			2,450
Michigan	15,040	2,162	1,176	1,110	1,329	5,777	384.11	1,909	1,535			3,444
Minnesota	8,120	1,038	571	573	606	2,788	343.35	1,131	607			1,738
Mississippi	3,450	292	201	229	190	912	264.35	311	229			540
Missouri	9,970	919	563	507	544	2,533	254.06	800	592			1,392
Montana	1,180	129	77	103	79	388	328.81	142	127			269
Nebraska	2,510	312	214	228	165	919	366.14	269	192			461
Nevada	3,750	404	259	282	267	1,212	323.20	478	278			756
New Hampshire	1,870	344	248	306	376	1,274	681.28	353	193			546
New Jersey	9,810	1,450	1,086	682	949	4,167	424.77	1,477	1,212			2,689
New Mexico	2,340	227	115	140	130	612	261.54	213	174			387
New York	20,360	2,055	1,235	984	1,151	5,425	266.45	2,117	1,549			3,666
North Carolina	13,560	1,421	798	801	1,046	4,066	299.85	1,570	1,084			2,654
North Dakota	890	71	34	24	38	167	187.64	60	53			113
Ohio	16,470	2,558	1,452	1,553	1,909	7,472	453.67	2,509	1,693			4,202
Oklahoma	4,940	426	267	243	321	1,257	254.45	524	308			832
Oregon	4,900	581	296	237	380	1,494	304.90	652	457			1,109
Pennsylvania	18,250	2,297	1,326	951	1,206	5,780	316.71	1,788	1,703			3,491
Puerto Rico	5,530	40	8	43	36	127	22.97	54	35			89
Rhode Island	1,840	180	138	69	136	523	284.24	199	94			293
South Carolina	7,110	508	377	301	347	1,533	215.61	513	381			894
South Dakota	1,250	63	29	69	56	217	173.60	97	80			177
Tennessee	10,270	995	551	613	649	2,808	273.42	1,194	736			1,930
Texas	38,550	4,076	2,130	2,746	2,702	11,654	302.31	4,713	3,085			7,798
Utah	3,700	467	226	334	233	1,260	340.54	394	343			737
Vermont	740	68	48	68	37	221	298.65	55	48			103
Virginia	10,320	1,121	649	535	738	3,043	294.86	1,248	821			2,069
Washington	7,150	1,073	584	587	798	3,042	425.45	1,345	865			2,210
West Virginia	3,270	198	121	72	147	538	164.53	219	120			339
Wisconsin	7,990	952	593	453	582	2,580	322.90	1,023	693			1,716
Wyoming	570	34	18	25	34	111	194.74	49	31			80

91,444

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