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Colleges of Pharmacy

American College of
Clinical Pharmacy

American Pharmacists
Association

American Society of
Health-System Pharmacists

Board of Pharmacy Specialties

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Pharmacy Demand Report (PDR) Executive Summary

4th Quarter 2022

This is the executive summary of the Pharmacy Demand Report (PDR) for the fourth quarter 2022. An overview of the PDR can be found [online](#).

Pharmacists

There have been 68,988 job postings for pharmacists through the fourth quarter 2022, compared with 62,051 job postings for pharmacists through the same period in 2021. Highlights for pharmacist job postings for 2022 include:

- 15,169 job postings were reported for the first quarter, 17,590 postings were reported for the second quarter, 18,867 were reported for the third quarter, and 17,362 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 (7,792), followed by Texas (4,238), Florida (4,202), and New York (3,029). Puerto Rico (65) and Wyoming (162) has the lowest number of job postings;
- New York-Newark was the MSA with the highest number of job postings for all four quarters. The MSAs with the highest number of job postings in the first and second quarters also included Chicago and Los Angeles. The MSAs with the highest number of job postings in the third and fourth quarter included Los Angeles and Boston; and
- The highest number of postings for this quarter were for the Retail Pharmacist position (41,433) followed by Clinical Pharmacist position (13,291), the Other Pharmacist Occupations category (7,425), Hospital Pharmacist position (3,501), and Pharmacy Director position (3,338).

The next Pharmacy Demand Report will be available mid-March 2023. Contact Tom Maggio, Pharmacy Workforce Center Secretary/Treasurer at TMaggio@aacp.org or 703-479-3832 with any PDR-related questions.

There were 153,715 pharmacy technician job postings through the fourth quarter 2022, compared with 150,968 job postings for pharmacy technicians through the same period in 2021. Highlights for pharmacy technicians for 2022 include:

- 38,828 job postings were reported for the first quarter, 38,981 were reported for the second quarter, 38,379 were reported for the third quarter and 37,527 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 midwest, west, and northeast;
- California has the highest number of job postings (16,548), followed by Texas (12,451), Florida (10,527), and Ohio (6,835). Puerto Rico (31) and Wyoming (225) had the lowest number of job postings;
- New York-Newark had the highest number of job postings for the first, third and fourth quarters. For the first and third quarters, the top MSAs included New York, Chicago, and Los Angeles. For the second quarter, the top MSAs included Los Angeles, New York, and Chicago, and the fourth quarter top MSAs included New York, Los Angeles, and Chicago.

Pharmacy Demand Report Revision

A change has been implemented in the generation of the pharmacist data contained in the Pharmacy Demand Report (PDR). When the PDR was initiated in 2020, all pharmacist postings were generated with a filter requiring “Pharmacist License” to be included. During a review of the 2021 PDR, it was discovered that the Pharmacist License filter did not include many pharmacist postings in a variety of categories where the need for a pharmacist license is assumed (e.g., Retail Pharmacist, Hospital Pharmacist). The decision was made to rerun all the available PDR data without the Pharmacist License filter. All the PDR data is updated and should more accurately reflect the number of postings across all pharmacist categories.

Regional Data

Clinical Pharmacist										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	465	432	401	402	1,700	457	525	485	430	1,897
South	1,110	1,155	1,036	1,156	4,457	1,119	1,436	1,131	1,309	4,995
Midwest	574	671	583	636	2,464	692	754	723	865	3,034
West	727	934	833	750	3,244	739	923	821	882	3,365

Retail Pharmacist										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	1,891	1,637	1,982	1,628	7,138	1,559	2,063	2,894	2,040	8,556
South	3,564	2,734	3,936	3,500	13,734	3,267	3,594	4,168	3,524	14,553
Midwest	2,229	1,567	2,215	2,172	8,183	1,947	2,076	2,466	2,151	8,640
West	2,100	1,946	2,259	2,251	8,556	2,061	2,248	2,726	2,649	9,684

Hospital Pharmacist										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	90	157	104	96	447	89	136	129	98	452
South	155	209	188	178	730	196	212	232	135	775
Midwest	141	214	158	209	722	208	188	225	280	901
West	171	348	282	290	1,091	375	372	295	331	1,373

All Pharmacist Positions										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	2,770	2,657	2,897	2,562	10,886	2,503	3,253	3,900	3,074	12,730
South	5,526	4,910	5,920	5,668	22,024	5,401	6,195	6,313	5,750	23,659
Midwest	3,391	3,017	3,524	3,608	13,540	3,409	3,712	4,026	3,918	15,065
West	3,546	4,074	4,018	3,963	15,601	3,856	4,430	4,628	4,620	17,534

Other Pharmacist Occupations										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	275	299	331	348	1,253	271	377	301	426	1,375
South	486	452	507	561	2,006	498	621	571	556	2,246
Midwest	318	377	424	418	1,537	401	447	443	444	1,735
West	333	409	438	413	1,593	415	591	576	487	2,069

Pharmacy Technicians										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	5,066	6,239	5,791	6,339	23,435	5,383	5,918	5,824	6,033	23,158
South	12,443	13,326	13,263	15,532	54,564	14,597	13,941	13,767	13,311	55,616
Midwest	7,648	8,591	9,064	10,176	35,479	9,702	9,367	9,981	9,453	38,503
West	8,160	8,991	8,343	9,653	35,147	9,146	9,755	8,807	8,730	36,438

Pharmacy Director										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	49	132	79	88	348	127	152	91	80	450
South	211	360	253	273	1,097	321	332	211	226	1,090
Midwest	129	188	144	173	634	161	247	169	178	755
West	215	437	206	259	1,117	266	296	210	271	1,043

Pharmacy Demand Report (PDR)

Clinical Pharmacist

Job Postings Per State

State/Territory	2021							2022						
	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022
Alabama	9,606	21	31	17	20	89	9.27	9,606	25	33	32	42	132	13.74
Alaska	1,002	10	15	11	7	43	42.91	1,002	7	12	9	6	34	33.93
Arizona	12,051	87	90	53	59	289	23.98	12,051	110	90	75	102	377	31.28
Arkansas	6,540	27	28	11	26	92	14.07	6,948	23	40	24	32	119	17.13
California	48,204	355	421	388	353	1,517	31.47	48,915	293	417	402	409	1,521	31.09
Colorado	9,064	97	103	98	83	381	42.03	8,874	97	95	67	72	331	37.30
Connecticut	5,545	52	42	25	43	162	29.22	5,545	47	39	44	41	171	30.84
Delaware	2,415	15	33	24	28	100	41.41	2,415	26	26	18	10	80	33.13
District of Columbia	2,036	10	29	10	24	73	35.85	2,036	11	13	16	22	62	30.45
Florida	35,824	276	272	284	243	1,075	30.01	35,824	368	381	232	246	1,227	34.25
Georgia	15,216	91	97	55	68	311	20.44	15,216	44	84	71	72	271	17.81
Hawaii	2,451	8	16	6	10	40	16.32	2,451	8	7	19	17	51	20.81
Idaho	3,624	24	39	33	23	119	32.84	3,911	30	43	24	34	131	33.50
Illinois	21,122	119	130	119	114	482	22.82	21,122	151	144	127	161	583	27.60
Indiana	11,497	49	54	32	49	184	16.00	11,497	53	61	73	82	269	23.40
Iowa	6,581	22	33	33	32	120	18.23	6,522	55	35	28	36	154	23.61
Kansas	7,717	35	23	25	31	114	14.77	8,065	36	47	62	55	200	24.80
Kentucky	10,939	48	54	47	69	218	19.93	10,939	37	51	36	48	172	15.72
Louisiana	9,317	37	43	35	50	165	17.71	9,572	40	48	65	54	207	21.63
Maine	2,343	3	12	10	8	33	14.08	2,343	9	16	16	18	59	25.18
Maryland	12,228	29	45	38	42	154	12.59	12,228	43	71	73	112	299	24.45
Massachusetts	14,029	53	73	61	90	277	19.74	14,555	117	122	134	97	470	32.29
Michigan	16,867	78	94	93	116	381	22.59	16,867	118	107	103	113	441	26.15
Minnesota	9,176	61	41	50	39	191	20.82	9,354	40	46	47	65	198	21.17
Mississippi	6,540	21	21	20	14	76	11.62	6,789	16	17	14	21	68	10.02
Missouri	11,822	60	78	74	77	289	24.45	11,878	89	71	77	93	330	27.78
Montana	2,200	7	10	13	14	44	20.00	2,288	22	24	16	21	83	36.28
Nebraska	5,495	7	17	13	11	48	8.74	5,495	14	14	36	40	104	18.93
Nevada	7,721	32	40	43	34	149	19.30	7,721	38	52	29	43	162	20.98
New Hampshire	2,827	14	27	18	15	74	26.18	2,827	15	27	21	13	76	26.88
New Jersey	18,019	68	77	83	43	271	15.04	18,019	45	80	56	42	223	12.38
New Mexico	3,158	16	32	24	14	86	27.23	3,158	12	7	13	17	49	15.52
New York	28,816	125	74	74	88	361	12.53	29,564	90	88	89	78	345	11.67
North Carolina	17,284	93	84	85	123	385	22.27	17,617	105	130	95	125	455	25.83
North Dakota	2,238	1	11	5	8	25	11.17	2,431	3	7	9	9	28	11.52
Ohio	21,906	82	107	80	109	378	17.26	21,740	82	170	111	123	486	22.36
Oklahoma	8,150	28	21	15	27	91	11.17	8,150	19	46	39	52	156	19.14
Oregon	9,006	26	55	49	59	189	20.99	8,737	45	72	73	55	245	28.04
Pennsylvania	23,473	134	109	113	103	459	19.55	24,587	121	122	102	108	453	18.42
Puerto Rico	5,340	5	9	10	8	32	5.99	5,340	4	5	2	1	12	2.25
Rhode Island	2,185	12	9	13	10	44	20.14	2,185	10	17	16	22	65	29.75
South Carolina	9,184	29	45	33	42	149	16.22	9,217	30	29	36	52	147	15.95
South Dakota	2,085	4	13	11	12	40	19.18	2,124	13	6	8	27	54	25.42
Tennessee	12,556	65	70	75	70	280	22.30	12,556	68	101	90	91	350	27.88
Texas	36,154	252	194	205	216	867	23.98	36,154	200	284	176	217	877	24.26
Utah	4,257	22	37	37	32	128	30.07	4,257	20	31	25	30	106	24.90
Vermont	1,227	4	9	4	2	19	15.48	1,404	3	14	7	11	35	24.93
Virginia	16,159	62	75	74	86	297	18.38	16,079	61	69	105	102	337	20.96
Washington	10,969	43	74	72	61	250	22.79	11,001	56	70	66	67	259	23.54
West Virginia	5,522	6	13	8	8	35	6.34	5,760	3	13	9	11	36	6.25
Wisconsin	8,942	56	70	48	38	212	23.71	8,942	38	46	42	61	187	20.91
Wyoming	1,437	0	2	6	1	9	6.26	1,452	1	3	3	9	16	11.02

Pharmacy Demand Report (PDR)

Clinical Pharmacist

Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)

2021		2022			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA	417	Miami-Fort Lauderdale-West Palm Beach, FL	133	Los Angeles-Long Beach-Anaheim, CA	156
Miami-Fort Lauderdale-West Palm Beach, FL	290	Chicago-Naperville-Elgin, IL-IN-WI	129	Miami-Fort Lauderdale-West Palm Beach, FL	149
Chicago-Naperville-Elgin, IL-IN-WI	221	Boston-Cambridge-Nashua, MA-NH	87	Chicago-Naperville-Elgin, IL-IN-WI	130
New York-Newark-Jersey City, NY-NJ-PA	174	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	82	Boston-Cambridge-Nashua, MA-NH	99
Dallas-Fort Worth-Arlington, TX	120	Los Angeles-Long Beach-Anaheim, CA	79	New York-Newark-Jersey City, NY-NJ-PA	99
Orlando-Kissimmee-Sanford, FL	113	New York-Newark-Jersey City, NY-NJ-PA	75	Houston-The Woodlands-Sugar Land, TX	82
San Francisco-Oakland-Hayward, CA	100	Phoenix-Mesa-Scottsdale, AZ	73	Dallas-Fort Worth-Arlington, TX	77
San Diego-Carlsbad, CA	100	Orlando-Kissimmee-Sanford, FL	67	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	73
Houston-The Woodlands-Sugar Land, TX	97	Tampa-St. Petersburg-Clearwater, FL	64	Tampa-St. Petersburg-Clearwater, FL	63
Phoenix-Mesa-Scottsdale, AZ	94	Dallas-Fort Worth-Arlington, TX	63	Denver-Aurora-Lakewood, CO	62
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	91	Denver-Aurora-Lakewood, CO	60	San Francisco-Oakland-Hayward, CA	58
St. Louis, MO-IL	89	St. Louis, MO-IL	53	Phoenix-Mesa-Scottsdale, AZ	54
Cincinnati, OH-KY-IN	81	Houston-The Woodlands-Sugar Land, TX	46	Cincinnati, OH-KY-IN	52
Tampa-St. Petersburg-Clearwater, FL	78	Detroit-Warren-Dearborn, MI	44	Detroit-Warren-Dearborn, MI	52
San Jose-Sunnyvale-Santa Clara, CA	78	Kansas City, MO-KS	37	Orlando-Kissimmee-Sanford, FL	51
Sacramento--Roseville--Arden-Arcade, CA	75	Seattle-Tacoma-Bellevue, WA	36	Baltimore-Columbia-Towson, MD	47
Atlanta-Sandy Springs-Roswell, GA	75	Washington-Arlington-Alexandria, DC-VA-MD-WV	31	Kansas City, MO-KS	46
Minneapolis-St. Paul-Bloomington, MN-WI	69	Cincinnati, OH-KY-IN	31	San Antonio-New Braunfels, TX	44
Seattle-Tacoma-Bellevue, WA	68	Santa Rosa, CA	30	Portland-Vancouver-Hillsboro, OR-WA	43
Detroit-Warren-Dearborn, MI	63	San Diego-Carlsbad, CA	30	Charlotte-Concord-Gastonia, NC-SC	41
Denver-Aurora-Lakewood, CO	63	Riverside-San Bernardino-Ontario, CA	30	Memphis, TN-MS-AR	41
New Haven, CT	62	San Antonio-New Braunfels, TX	29	St. Louis, MO-IL	41
Louisville/Jefferson County, KY-IN	62	Durham-Chapel Hill, NC	29	Seattle-Tacoma-Bellevue, WA	39
Baltimore-Columbia-Towson, MD	62	Charlotte-Concord-Gastonia, NC-SC	29	Washington-Arlington-Alexandria, DC-VA-MD-WV	39
Riverside-San Bernardino-Ontario, CA	59	Baltimore-Columbia-Towson, MD	29	Nashville-Davidson--Murfreesboro--Franklin, TN	38
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		Los Angeles-Long Beach-Anaheim, CA	136	Chicago-Naperville-Elgin, IL-IN-WI	119
		Boston-Cambridge-Nashua, MA-NH	107	Los Angeles-Long Beach-Anaheim, CA	108
		Chicago-Naperville-Elgin, IL-IN-WI	98	Baltimore-Columbia-Towson, MD	78
		New York-Newark-Jersey City, NY-NJ-PA	86	Miami-Fort Lauderdale-West Palm Beach, FL	75
		Miami-Fort Lauderdale-West Palm Beach, FL	79	Washington-Arlington-Alexandria, DC-VA-MD-WV	66
		San Francisco-Oakland-Hayward, CA	73	San Francisco-Oakland-Hayward, CA	63
		Houston-The Woodlands-Sugar Land, TX	61	Phoenix-Mesa-Scottsdale, AZ	61
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	54	New York-Newark-Jersey City, NY-NJ-PA	61
		Baltimore-Columbia-Towson, MD	54	Boston-Cambridge-Nashua, MA-NH	61
		Dallas-Fort Worth-Arlington, TX	52	Houston-The Woodlands-Sugar Land, TX	60
		Cincinnati, OH-KY-IN	50	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	59
		Washington-Arlington-Alexandria, DC-VA-MD-WV	48	Dallas-Fort Worth-Arlington, TX	56
		Detroit-Warren-Dearborn, MI	46	Tampa-St. Petersburg-Clearwater, FL	49
		Kansas City, MO-KS	44	Charlotte-Concord-Gastonia, NC-SC	49
		St. Louis, MO-IL	43	Cincinnati, OH-KY-IN	44
		Portland-Vancouver-Hillsboro, OR-WA	43	Pittsburgh, PA	41
		Denver-Aurora-Lakewood, CO	43	Detroit-Warren-Dearborn, MI	41
		Orlando-Kissimmee-Sanford, FL	41	Seattle-Tacoma-Bellevue, WA	40
		Indianapolis-Carmel-Anderson, IN	41	Orlando-Kissimmee-Sanford, FL	40
		Charlotte-Concord-Gastonia, NC-SC	41	Kansas City, MO-KS	40
		Virginia Beach-Norfolk-Newport News, VA-NC	39	Denver-Aurora-Lakewood, CO	39
		Phoenix-Mesa-Scottsdale, AZ	38	Minneapolis-St. Paul-Bloomington, MN-WI	38
		Seattle-Tacoma-Bellevue, WA	37	Atlanta-Sandy Springs-Roswell, GA	36
		Tampa-St. Petersburg-Clearwater, FL	36	San Jose-Sunnyvale-Santa Clara, CA	35
		Nashville-Davidson--Murfreesboro--Franklin, TN	35	San Diego-Carlsbad, CA	34

Pharmacy Demand Report (PDR)

Hospital Pharmacist

Job Postings Per State

State/Territory	2021							2022						
	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022
Alabama	9,606	14	3	2	15	34	15.56	9,606	19	7	3	2	31	14.19
Alaska	1,002	6	13	11	7	37	36.93	1,002	8	2	11	5	26	25.95
Arizona	12,051	18	32	33	34	117	9.71	12,051	68	35	34	23	160	13.28
Arkansas	6,540	4	4	5	3	16	2.45	6,948	0	3	4	4	11	1.58
California	48,204	83	173	133	112	501	10.39	48,915	119	127	133	183	562	11.49
Colorado	9,064	11	24	32	30	97	10.70	8,874	41	68	13	18	140	15.78
Connecticut	5,545	4	5	5	11	25	4.51	5,545	4	11	9	5	29	5.23
Delaware	2,415	3	1	1	6	11	4.55	2,415	3	1	2	2	8	3.31
District of Columbia	2,036	0	0	0	1	1	0.49	2,036	2	0	3	0	5	2.46
Florida	35,824	17	22	25	18	82	2.29	35,824	25	33	32	17	107	2.99
Georgia	15,216	15	11	22	15	63	4.14	15,216	22	29	14	18	83	5.45
Hawaii	2,451	3	1	5	3	12	4.90	2,451	0	6	8	9	23	9.38
Idaho	3,624	2	16	6	4	28	7.73	3,911	13	15	5	17	50	12.78
Illinois	21,122	33	46	20	76	175	8.29	21,122	39	63	46	38	186	8.81
Indiana	11,497	16	24	15	12	67	5.83	11,497	8	4	49	8	69	6.00
Iowa	6,581	4	13	3	2	22	3.34	6,522	9	6	0	16	31	4.75
Kansas	7,717	13	10	9	5	37	4.79	8,065	22	8	5	6	41	5.08
Kentucky	10,939	2	26	9	12	49	4.48	10,939	11	3	7	5	26	2.38
Louisiana	9,317	5	12	22	12	51	5.47	9,572	6	17	75	22	120	12.54
Maine	2,343	3	2	0	1	6	2.56	2,343	1	0	1	4	6	2.56
Maryland	12,228	4	22	5	11	42	3.43	12,228	11	3	8	8	30	2.45
Massachusetts	14,029	9	27	5	9	50	3.56	14,555	6	11	17	13	47	3.23
Michigan	16,867	7	20	19	20	66	3.91	16,867	24	21	27	19	91	5.40
Minnesota	9,176	15	18	22	22	77	8.39	9,354	21	16	13	39	89	9.51
Mississippi	6,540	6	14	8	3	31	4.74	6,789	0	1	8	4	13	1.91
Missouri	11,822	7	20	6	30	63	5.33	11,878	5	8	9	8	30	2.53
Montana	2,200	3	14	11	25	53	24.09	2,288	9	4	6	6	25	10.93
Nebraska	5,495	12	21	5	4	42	7.64	5,495	9	6	3	10	28	5.10
Nevada	7,721	11	17	14	14	56	7.25	7,721	37	22	8	10	77	9.97
New Hampshire	2,827	0	15	8	19	42	14.86	2,827	2	3	4	4	13	4.60
New Jersey	18,019	16	31	27	4	78	4.33	18,019	28	48	30	20	126	6.99
New Mexico	3,158	9	19	1	17	46	14.57	3,158	3	30	5	10	48	15.20
New York	28,816	28	32	16	13	89	3.09	29,564	18	21	31	28	98	3.31
North Carolina	17,284	15	18	9	10	52	3.01	17,617	12	8	10	11	41	2.33
North Dakota	2,238	4	4	4	0	12	5.36	2,431	12	13	14	14	53	21.80
Ohio	21,906	25	21	45	19	110	5.02	21,740	31	30	26	25	112	5.15
Oklahoma	8,150	13	14	1	4	32	3.93	8,150	12	5	12	3	32	3.93
Oregon	9,006	6	11	7	17	41	4.55	8,737	20	22	30	10	82	9.39
Pennsylvania	23,473	25	41	35	38	139	5.92	24,587	27	36	36	23	122	4.96
Puerto Rico	5,340	0	1	0	0	1	0.19	5,340	0	1	0	0	1	0.19
Rhode Island	2,185	4	2	8	1	15	6.86	2,185	2	3	0	1	6	2.75
South Carolina	9,184	8	8	3	3	22	2.40	9,217	8	8	0	3	19	2.06
South Dakota	2,085	2	2	1	0	5	2.40	2,124	2	0	3	0	5	2.35
Tennessee	12,556	3	10	5	6	24	1.91	12,556	4	5	4	3	16	1.27
Texas	36,154	40	34	62	44	180	4.98	36,154	42	54	41	23	160	4.43
Utah	4,257	0	1	6	3	10	2.35	4,257	1	2	3	1	7	1.64
Vermont	1,227	1	2	0	0	3	2.44	1,404	1	3	1	0	5	3.56
Virginia	16,159	6	8	7	7	28	1.73	16,079	12	17	6	8	43	2.67
Washington	10,969	18	26	21	21	86	7.84	11,001	45	30	38	36	149	13.54
West Virginia	5,522	0	2	2	8	12	2.17	5,760	7	18	3	2	30	5.21
Wisconsin	8,942	3	15	9	19	46	5.14	8,942	26	13	30	97	166	18.56
Wyoming	1,437	1	1	2	3	7	4.87	1,452	11	9	1	3	24	16.53

Pharmacy Demand Report (PDR)

Hospital Pharmacist

Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)

2021		2022			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Chicago-Naperville-Elgin, IL-IN-WI	61	Chicago-Naperville-Elgin, IL-IN-WI	33	Chicago-Naperville-Elgin, IL-IN-WI	46
Sacramento--Roseville--Arden-Arcade, CA	39	Los Angeles-Long Beach-Anaheim, CA	32	Los Angeles-Long Beach-Anaheim, CA	45
San Francisco-Oakland-Hayward, CA	36	Phoenix-Mesa-Scottsdale, AZ	30	New York-Newark-Jersey City, NY-NJ-PA	43
New York-Newark-Jersey City, NY-NJ-PA	35	New York-Newark-Jersey City, NY-NJ-PA	24	Denver-Aurora-Lakewood, CO	35
Phoenix-Mesa-Scottsdale, AZ	34	Seattle-Tacoma-Bellevue, WA	23	Seattle-Tacoma-Bellevue, WA	26
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	34	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	23	San Francisco-Oakland-Hayward, CA	23
Denver-Aurora-Lakewood, CO	31	Tucson, AZ	21	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	22
Orlando-Kissimmee-Sanford, FL	29	Denver-Aurora-Lakewood, CO	18	Dallas-Fort Worth-Arlington, TX	19
Seattle-Tacoma-Bellevue, WA	23	San Francisco-Oakland-Hayward, CA	16	Sacramento--Roseville--Arden-Arcade, CA	18
Boston-Cambridge-Nashua, MA-NH	23	Dallas-Fort Worth-Arlington, TX	16	Virginia Beach-Norfolk-Newport News, VA-NC	16
Fresno, CA	17	Riverside-San Bernardino-Ontario, CA	14	Albuquerque, NM	13
Dallas-Fort Worth-Arlington, TX	17	Portland-Vancouver-Hillsboro, OR-WA	13	Pittsburgh, PA	13
Minneapolis-St. Paul-Bloomington, MN-WI	15	Montgomery, AL	13	Portland-Vancouver-Hillsboro, OR-WA	12
Las Vegas-Henderson-Paradise, NV	15	Reno, NV	12	Houston-The Woodlands-Sugar Land, TX	11
Tucson, AZ	14	Jacksonville, FL	11	Las Vegas-Henderson-Paradise, NV	11
Duluth, MN-WI	14	Carson City, NV	11	Weirton-Steubenville, WV-OH	11
Los Angeles-Long Beach-Anaheim, CA	13	Minneapolis-St. Paul-Bloomington, MN-WI	10	Jacksonville, FL	10
Houston-The Woodlands-Sugar Land, TX	12	Boise City, ID	10	Kansas City, MO-KS	10
San Diego-Carlsbad, CA	10	Weirton-Steubenville, WV-OH	9	New Orleans-Metairie, LA	10
Reno, NV	10	Milwaukee-Waukesha-West Allis, WI	9	Tucson, AZ	10
Milwaukee-Waukesha-West Allis, WI	10	Las Vegas-Henderson-Paradise, NV	9	Atlanta-Sandy Springs-Roswell, GA	9
Jacksonville, FL	10	Allentown-Bethlehem-Easton, PA-NJ	9	Boise City, ID	9
Cincinnati, OH-KY-IN	10	Sacramento--Roseville--Arden-Arcade, CA	8	Minneapolis-St. Paul-Bloomington, MN-WI	9
Atlanta-Sandy Springs-Roswell, GA	10	Atlanta-Sandy Springs-Roswell, GA	8	Miami-Fort Lauderdale-West Palm Beach, FL	8
Portland-Vancouver-Hillsboro, OR-WA	9	Raleigh, NC	7	Phoenix-Mesa-Scottsdale, AZ	8
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New Orleans-Metairie, LA	48	Milwaukee-Waukesha-West Allis, WI	57
		New York-Newark-Jersey City, NY-NJ-PA	46	San Francisco-Oakland-Hayward, CA	48
		Chicago-Naperville-Elgin, IL-IN-WI	39	Los Angeles-Long Beach-Anaheim, CA	44
		Los Angeles-Long Beach-Anaheim, CA	34	New York-Newark-Jersey City, NY-NJ-PA	32
		Seattle-Tacoma-Bellevue, WA	29	Seattle-Tacoma-Bellevue, WA	31
		Sacramento--Roseville--Arden-Arcade, CA	29	Minneapolis-St. Paul-Bloomington, MN-WI	28
		San Francisco-Oakland-Hayward, CA	25	Chicago-Naperville-Elgin, IL-IN-WI	27
		Portland-Vancouver-Hillsboro, OR-WA	19	New Orleans-Metairie, LA	21
		Indianapolis-Carmel-Anderson, IN	18	Sacramento--Roseville--Arden-Arcade, CA	19
		Terre Haute, IN	17	San Jose-Sunnyvale-Santa Clara, CA	16
		Phoenix-Mesa-Scottsdale, AZ	17	Phoenix-Mesa-Scottsdale, AZ	16
		Milwaukee-Waukesha-West Allis, WI	17	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	12
		Boston-Cambridge-Nashua, MA-NH	15	Boise City, ID	12
		Dallas-Fort Worth-Arlington, TX	13	Des Moines-West Des Moines, IA	11
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	12	Denver-Aurora-Lakewood, CO	11
		Tucson, AZ	11	Fargo, ND-MN	10
		Pittsburgh, PA	11	Dallas-Fort Worth-Arlington, TX	10
		Denver-Aurora-Lakewood, CO	10	Pittsburgh, PA	9
		Columbus, OH	10	Columbus, OH	9
		Kansas City, MO-KS	9	Boston-Cambridge-Nashua, MA-NH	8
		Jacksonville, FL	9	San Diego-Carlsbad, CA	7
		Baton Rouge, LA	9	Las Vegas-Henderson-Paradise, NV	7
		Allentown-Bethlehem-Easton, PA-NJ	9	Kansas City, MO-KS	7
		San Diego-Carlsbad, CA	8	Detroit-Warren-Dearborn, MI	7
		Houston-The Woodlands-Sugar Land, TX	8	Atlanta-Sandy Springs-Roswell, GA	7

Pharmacy Demand Report (PDR)

Other Pharmacist Occupations

(Compounding, Informatics, Infusion, Long-Term Care, Nuclear Pharmacist, Oncology)

Job Postings Per State

State/Territory	2021							2022						
	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022
Alabama	9,606	7	11	14	16	48	5.00	9,606	10	12	12	16	50	5.21
Alaska	1,002	8	5	6	6	25	24.95	1,002	6	8	3	5	22	21.96
Arizona	12,051	31	52	60	52	195	16.18	12,051	45	49	77	79	250	20.75
Arkansas	6,540	9	10	8	17	44	6.73	6,948	11	6	7	12	36	5.18
California	48,204	176	208	187	201	772	16.02	48,915	238	373	314	228	1,153	23.57
Colorado	9,064	16	33	51	32	132	14.56	8,874	33	32	42	26	133	14.99
Connecticut	5,545	11	36	32	70	149	26.87	5,545	30	34	25	31	120	21.64
Delaware	2,415	3	5	8	12	28	11.59	2,415	15	4	4	2	25	10.35
District of Columbia	2,036	5	5	3	11	24	11.79	2,036	2	5	3	9	19	9.33
Florida	35,824	92	96	97	111	396	11.05	35,824	121	102	88	102	413	11.53
Georgia	15,216	24	29	24	23	100	6.57	15,216	35	75	61	46	217	14.26
Hawaii	2,451	3	6	6	10	25	10.20	2,451	1	3	7	6	17	6.94
Idaho	3,624	17	7	16	4	44	12.14	3,911	6	17	12	18	53	13.55
Illinois	21,122	48	78	67	82	275	13.02	21,122	97	94	78	72	341	16.14
Indiana	11,497	43	57	40	45	185	16.09	11,497	22	33	35	34	124	10.79
Iowa	6,581	8	11	18	19	56	8.51	6,522	23	23	19	6	71	10.89
Kansas	7,717	16	13	28	12	69	8.94	8,065	12	16	19	13	60	7.44
Kentucky	10,939	23	21	15	25	84	7.68	10,939	14	23	18	18	73	6.67
Louisiana	9,317	44	17	27	19	107	11.48	9,572	19	33	49	34	135	14.10
Maine	2,343	3	1	4	3	11	4.69	2,343	3	6	7	14	30	12.80
Maryland	12,228	21	30	19	20	90	7.36	12,228	22	39	33	44	138	11.29
Massachusetts	14,029	51	67	58	49	225	16.04	14,555	51	87	63	98	299	20.54
Michigan	16,867	63	61	88	69	281	16.66	16,867	90	81	108	69	348	20.63
Minnesota	9,176	32	33	37	25	127	13.84	9,354	22	19	22	28	91	9.73
Mississippi	6,540	2	10	9	5	26	3.98	6,789	2	0	5	12	19	2.80
Missouri	11,822	18	30	28	32	108	9.14	11,878	30	33	27	30	120	10.10
Montana	2,200	2	6	9	6	23	10.45	2,288	8	12	8	10	38	16.61
Nebraska	5,495	4	10	8	5	27	4.91	5,495	6	19	23	17	65	11.83
Nevada	7,721	9	10	13	14	46	5.96	7,721	16	15	12	13	56	7.25
New Hampshire	2,827	17	15	12	9	53	18.75	2,827	5	10	17	8	40	14.15
New Jersey	18,019	64	58	74	80	276	15.32	18,019	51	67	51	67	236	13.10
New Mexico	3,158	12	5	10	4	31	9.82	3,158	1	5	4	7	17	5.38
New York	28,816	67	69	81	71	288	9.99	29,564	69	98	84	114	365	12.35
North Carolina	17,284	72	59	59	49	239	13.83	17,617	80	53	54	58	245	13.91
North Dakota	2,238	6	4	4	9	23	10.28	2,431	5	7	3	13	28	11.52
Ohio	21,906	49	47	68	82	246	11.23	21,740	46	90	73	110	319	14.67
Oklahoma	8,150	11	11	14	14	50	6.13	8,150	8	20	25	11	64	7.85
Oregon	9,006	16	22	24	34	96	10.66	8,737	27	22	45	27	121	13.85
Pennsylvania	23,473	57	45	63	59	224	9.54	24,587	51	63	49	73	236	9.60
Puerto Rico	5,340	1	0	3	1	5	0.94	5,340	0	0	0	0	0	0.00
Rhode Island	2,185	5	3	5	2	15	6.86	2,185	6	7	2	12	27	12.36
South Carolina	9,184	8	10	11	25	54	5.88	9,217	13	25	15	11	64	6.94
South Dakota	2,085	5	6	7	6	24	11.51	2,124	5	3	3	3	14	6.59
Tennessee	12,556	18	14	18	41	91	7.25	12,556	22	35	48	24	129	10.27
Texas	36,154	101	95	128	108	432	11.95	36,154	97	152	107	110	466	12.89
Utah	4,257	6	13	11	7	37	8.69	4,257	5	20	8	9	42	9.87
Vermont	1,227	0	5	2	5	12	9.78	1,404	5	5	3	9	22	15.67
Virginia	16,159	41	28	52	62	183	11.32	16,079	24	30	37	45	136	8.46
Washington	10,969	33	38	43	42	156	14.22	11,001	27	33	43	54	157	14.27
West Virginia	5,522	5	1	1	3	10	1.81	5,760	3	7	5	2	17	2.95
Wisconsin	8,942	26	27	31	32	116	12.97	8,942	43	29	33	49	154	17.22
Wyoming	1,437	4	4	2	1	11	7.65	1,452	2	2	1	5	10	6.89

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)

2021		2022			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	383	New York-Newark-Jersey City, NY-NJ-PA	88	Los Angeles-Long Beach-Anaheim, CA	154
Chicago-Naperville-Elgin, IL-IN-WI	247	Chicago-Naperville-Elgin, IL-IN-WI	84	New York-Newark-Jersey City, NY-NJ-PA	128
Los Angeles-Long Beach-Anaheim, CA	203	Los Angeles-Long Beach-Anaheim, CA	73	Chicago-Naperville-Elgin, IL-IN-WI	90
Boston-Cambridge-Nashua, MA-NH	203	Detroit-Warren-Dearborn, MI	64	Boston-Cambridge-Nashua, MA-NH	72
Phoenix-Mesa-Scottsdale, AZ	145	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	48	Atlanta-Sandy Springs-Roswell, GA	54
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	134	Boston-Cambridge-Nashua, MA-NH	46	Detroit-Warren-Dearborn, MI	54
Dallas-Fort Worth-Arlington, TX	133	Miami-Fort Lauderdale-West Palm Beach, FL	41	Sacramento--Roseville--Arden-Arcade, CA	53
Detroit-Warren-Dearborn, MI	127	San Francisco-Oakland-Hayward, CA	28	Dallas-Fort Worth-Arlington, TX	49
Miami-Fort Lauderdale-West Palm Beach, FL	111	Dallas-Fort Worth-Arlington, TX	28	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	41
Seattle-Tacoma-Bellevue, WA	108	Milwaukee-Waukesha-West Allis, WI	27	San Francisco-Oakland-Hayward, CA	40
Sacramento--Roseville--Arden-Arcade, CA	106	Phoenix-Mesa-Scottsdale, AZ	26	Houston-The Woodlands-Sugar Land, TX	39
Indianapolis-Carmel-Anderson, IN	103	Orlando-Kissimmee-Sanford, FL	26	San Diego-Carlsbad, CA	39
Houston-The Woodlands-Sugar Land, TX	90	San Diego-Carlsbad, CA	25	Phoenix-Mesa-Scottsdale, AZ	37
Minneapolis-St. Paul-Bloomington, MN-WI	88	Kansas City, MO-KS	24	Cleveland-Elyria, OH	33
Portland-Vancouver-Hillsboro, OR-WA	84	Austin-Round Rock, TX	23	Baltimore-Columbia-Towson, MD	31
Kansas City, MO-KS	82	Sacramento--Roseville--Arden-Arcade, CA	22	Kansas City, MO-KS	29
Tampa-St. Petersburg-Clearwater, FL	79	Durham-Chapel Hill, NC	22	Miami-Fort Lauderdale-West Palm Beach, FL	28
San Francisco-Oakland-Hayward, CA	79	Tampa-St. Petersburg-Clearwater, FL	21	New Orleans-Metairie, LA	24
Cincinnati, OH-KY-IN	79	Portland-Vancouver-Hillsboro, OR-WA	20	Denver-Aurora-Lakewood, CO	21
Denver-Aurora-Lakewood, CO	76	Atlanta-Sandy Springs-Roswell, GA	20	Seattle-Tacoma-Bellevue, WA	21
Orlando-Kissimmee-Sanford, FL	73	Houston-The Woodlands-Sugar Land, TX	19	Nashville-Davidson--Murfreesboro--Franklin, TN	20
Milwaukee-Waukesha-West Allis, WI	73	Seattle-Tacoma-Bellevue, WA	18	Orlando-Kissimmee-Sanford, FL	20
San Diego-Carlsbad, CA	70	Raleigh, NC	18	Austin-Round Rock, TX	19
Cleveland-Elyria, OH	69	Denver-Aurora-Lakewood, CO	18	Durham-Chapel Hill, NC	19
Durham-Chapel Hill, NC	67	Riverside-San Bernardino-Ontario, CA	17	Portland-Vancouver-Hillsboro, OR-WA	19
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA	125	New York-Newark-Jersey City, NY-NJ-PA	115	New York-Newark-Jersey City, NY-NJ-PA	80
New York-Newark-Jersey City, NY-NJ-PA	92	Boston-Cambridge-Nashua, MA-NH	63	Los Angeles-Long Beach-Anaheim, CA	74
Boston-Cambridge-Nashua, MA-NH	63	Chicago-Naperville-Elgin, IL-IN-WI	53	Chicago-Naperville-Elgin, IL-IN-WI	60
Chicago-Naperville-Elgin, IL-IN-WI	53	Detroit-Warren-Dearborn, MI	48	Phoenix-Mesa-Scottsdale, AZ	59
Detroit-Warren-Dearborn, MI	48	Phoenix-Mesa-Scottsdale, AZ	44	Detroit-Warren-Dearborn, MI	48
Phoenix-Mesa-Scottsdale, AZ	44	Sacramento--Roseville--Arden-Arcade, CA	41	Cleveland-Elyria, OH	48
Sacramento--Roseville--Arden-Arcade, CA	41	New Orleans-Metairie, LA	40	Atlanta-Sandy Springs-Roswell, GA	36
New Orleans-Metairie, LA	40	Atlanta-Sandy Springs-Roswell, GA	40	Albany-Schenectady-Troy, NY	34
Atlanta-Sandy Springs-Roswell, GA	40	Portland-Vancouver-Hillsboro, OR-WA	38	Sacramento--Roseville--Arden-Arcade, CA	32
Portland-Vancouver-Hillsboro, OR-WA	38	San Francisco-Oakland-Hayward, CA	31	Miami-Fort Lauderdale-West Palm Beach, FL	32
San Francisco-Oakland-Hayward, CA	31	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	31	Baltimore-Columbia-Towson, MD	32
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	31	Dallas-Fort Worth-Arlington, TX	26	Washington-Arlington-Alexandria, DC-VA-MD-WV	31
Dallas-Fort Worth-Arlington, TX	26	Miami-Fort Lauderdale-West Palm Beach, FL	25	San Francisco-Oakland-Hayward, CA	31
Miami-Fort Lauderdale-West Palm Beach, FL	25	Baltimore-Columbia-Towson, MD	25	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	29
Baltimore-Columbia-Towson, MD	25	Indianapolis-Carmel-Anderson, IN	24	Austin-Round Rock, TX	28
Indianapolis-Carmel-Anderson, IN	24	Charlotte-Concord-Gastonia, NC-SC	23	Houston-The Woodlands-Sugar Land, TX	26
Charlotte-Concord-Gastonia, NC-SC	23	Austin-Round Rock, TX	23	Dallas-Fort Worth-Arlington, TX	26
Austin-Round Rock, TX	23	San Diego-Carlsbad, CA	22	Pittsburgh, PA	25
San Diego-Carlsbad, CA	22	Kansas City, MO-KS	22	New Orleans-Metairie, LA	25
Kansas City, MO-KS	22	Denver-Aurora-Lakewood, CO	22	Charlotte-Concord-Gastonia, NC-SC	25
Denver-Aurora-Lakewood, CO	22	Houston-The Woodlands-Sugar Land, TX	21	Seattle-Tacoma-Bellevue, WA	24
Houston-The Woodlands-Sugar Land, TX	21	Seattle-Tacoma-Bellevue, WA	20	San Jose-Sunnyvale-Santa Clara, CA	23
Seattle-Tacoma-Bellevue, WA	20	San Jose-Sunnyvale-Santa Clara, CA	20	San Diego-Carlsbad, CA	23
San Jose-Sunnyvale-Santa Clara, CA	20	Nashville-Davidson--Murfreesboro--Franklin, TN	20	Milwaukee-Waukesha-West Allis, WI	21
Nashville-Davidson--Murfreesboro--Franklin, TN	20				

Pharmacy Demand Report (PDR)

Pharmacy Director

Job Postings Per State

State/Territory	2021							2022						
	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022
Alabama	9,606	5	11	8	14	38	3.96	9,606	11	8	10	6	35	3.64
Alaska	1,002	6	8	7	3	24	23.95	1,002	4	12	3	3	22	21.96
Arizona	12,051	16	63	26	26	131	10.87	12,051	24	37	17	65	143	11.87
Arkansas	6,540	5	6	4	5	20	3.06	6,948	6	6	9	3	24	3.45
California	48,204	122	180	78	100	480	9.96	48,915	119	123	98	103	443	9.06
Colorado	9,064	13	34	16	23	86	9.49	8,874	10	11	10	6	37	4.17
Connecticut	5,545	3	13	17	10	43	7.75	5,545	9	15	5	8	37	6.67
Delaware	2,415	1	3	0	1	5	2.07	2,415	2	2	2	2	8	3.31
District of Columbia	2,036	3	7	1	5	16	7.86	2,036	6	5	5	3	19	9.33
Florida	35,824	24	47	34	32	137	3.82	35,824	50	60	34	37	181	5.05
Georgia	15,216	15	27	19	17	78	5.13	15,216	13	20	3	15	51	3.35
Hawaii	2,451	1	2	1	3	7	2.86	2,451	2	0	1	2	5	2.04
Idaho	3,624	3	8	3	12	26	7.17	3,911	12	5	7	12	36	9.20
Illinois	21,122	26	27	23	24	100	4.73	21,122	27	54	29	35	145	6.86
Indiana	11,497	7	11	13	10	41	3.57	11,497	13	21	4	19	57	4.96
Iowa	6,581	5	12	6	5	28	4.25	6,522	10	22	10	9	51	7.82
Kansas	7,717	0	8	2	10	20	2.59	8,065	9	13	17	4	43	5.33
Kentucky	10,939	23	17	19	13	72	6.58	10,939	14	17	7	15	53	4.85
Louisiana	9,317	14	28	23	17	82	8.80	9,572	5	12	14	10	41	4.28
Maine	2,343	2	5	2	2	11	4.69	2,343	9	7	7	3	26	11.10
Maryland	12,228	5	12	9	6	32	2.62	12,228	7	10	5	9	31	2.54
Massachusetts	14,029	3	18	11	20	52	3.71	14,555	19	31	20	19	89	6.11
Michigan	16,867	23	26	15	24	88	5.22	16,867	10	10	13	20	53	3.14
Minnesota	9,176	15	14	13	16	58	6.32	9,354	12	20	8	18	58	6.20
Mississippi	6,540	2	16	2	2	22	3.36	6,789	8	8	3	10	29	4.27
Missouri	11,822	16	19	20	24	79	6.68	11,878	13	29	12	16	70	5.89
Montana	2,200	0	8	11	6	25	11.36	2,288	10	5	6	2	23	10.05
Nebraska	5,495	4	14	1	4	23	4.19	5,495	4	4	3	4	15	2.73
Nevada	7,721	15	21	14	22	72	9.33	7,721	14	18	6	7	45	5.83
New Hampshire	2,827	0	10	3	4	17	6.01	2,827	8	22	3	0	33	11.67
New Jersey	18,019	7	14	7	2	30	1.66	18,019	18	15	9	11	53	2.94
New Mexico	3,158	8	13	10	18	49	15.52	3,158	21	18	17	18	74	23.43
New York	28,816	14	41	22	18	95	3.30	29,564	29	35	31	30	125	4.23
North Carolina	17,284	19	19	21	21	80	4.63	17,617	19	35	15	7	76	4.31
North Dakota	2,238	7	6	5	6	24	10.72	2,431	2	3	1	10	16	6.58
Ohio	21,906	16	33	25	31	105	4.79	21,740	30	43	42	30	145	6.67
Oklahoma	8,150	8	18	5	6	37	4.54	8,150	10	16	10	4	40	4.91
Oregon	9,006	8	37	15	17	77	8.55	8,737	22	23	20	17	82	9.39
Pennsylvania	23,473	16	20	16	17	69	2.94	24,587	25	18	11	8	62	2.52
Puerto Rico	5,340	0	3	0	1	4	0.75	5,340	0	0	1	0	1	0.19
Rhode Island	2,185	4	7	1	3	15	6.86	2,185	3	5	2	0	10	4.58
South Carolina	9,184	9	15	1	15	40	4.36	9,217	11	10	6	7	34	3.69
South Dakota	2,085	0	6	2	2	10	4.80	2,124	12	8	1	1	22	10.36
Tennessee	12,556	8	19	20	12	59	4.70	12,556	17	13	11	16	57	4.54
Texas	36,154	53	77	60	79	269	7.44	36,154	110	79	58	65	312	8.63
Utah	4,257	8	16	9	14	47	11.04	4,257	6	5	2	12	25	5.87
Vermont	1,227	0	4	0	12	16	13.04	1,404	7	4	3	1	15	10.68
Virginia	16,159	14	30	26	24	94	5.82	16,079	28	26	14	11	79	4.91
Washington	10,969	15	45	15	15	90	8.20	11,001	18	33	19	24	94	8.54
West Virginia	5,522	3	8	1	4	16	2.90	5,760	4	5	5	6	20	3.47
Wisconsin	8,942	10	12	19	17	58	6.49	8,942	19	20	29	12	80	8.95
Wyoming	1,437	0	2	1	0	3	2.09	1,452	4	6	4	0	14	9.64

Pharmacy Demand Report (PDR)

Pharmacy Director

Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)

2021		2022			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Dallas-Fort Worth-Arlington, TX	31	Los Angeles-Long Beach-Anaheim, CA	40	Chicago-Naperville-Elgin, IL-IN-WI	39
Tampa-St. Petersburg-Clearwater, FL	23	Austin-Round Rock, TX	32	New York-Newark-Jersey City, NY-NJ-PA	39
Los Angeles-Long Beach-Anaheim, CA	23	New York-Newark-Jersey City, NY-NJ-PA	31	Los Angeles-Long Beach-Anaheim, CA	34
Chicago-Naperville-Elgin, IL-IN-WI	20	Dallas-Fort Worth-Arlington, TX	23	Miami-Fort Lauderdale-West Palm Beach, FL	30
Richmond, VA	18	Miami-Fort Lauderdale-West Palm Beach, FL	22	Boston-Cambridge-Nashua, MA-NH	29
San Francisco-Oakland-Hayward, CA	16	Chicago-Naperville-Elgin, IL-IN-WI	20	Seattle-Tacoma-Bellevue, WA	21
Bakersfield, CA	16	Washington-Arlington-Alexandria, DC-VA-MD-WV	17	Houston-The Woodlands-Sugar Land, TX	20
Spokane-Spokane Valley, WA	15	San Diego-Carlsbad, CA	17	Kansas City, MO-KS	19
Seattle-Tacoma-Bellevue, WA	14	San Antonio-New Braunfels, TX	17	Las Vegas-Henderson-Paradise, NV	17
Detroit-Warren-Dearborn, MI	14	San Francisco-Oakland-Hayward, CA	16	Minneapolis-St. Paul-Bloomington, MN-WI	17
Austin-Round Rock, TX	14	Portland-Vancouver-Hillsboro, OR-WA	16	Modesto, CA	16
New York-Newark-Jersey City, NY-NJ-PA	13	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	16	Austin-Round Rock, TX	15
San Diego-Carlsbad, CA	12	Tampa-St. Petersburg-Clearwater, FL	14	Cincinnati, OH-KY-IN	15
Phoenix-Mesa-Scottsdale, AZ	12	Las Vegas-Henderson-Paradise, NV	13	Dallas-Fort Worth-Arlington, TX	15
Las Vegas-Henderson-Paradise, NV	12	Cincinnati, OH-KY-IN	13	Louisville/Jefferson County, KY-IN	13
Raleigh, NC	11	Charlotte-Concord-Gastonia, NC-SC	13	Cleveland-Elyria, OH	12
Miami-Fort Lauderdale-West Palm Beach, FL	11	Boston-Cambridge-Nashua, MA-NH	12	Phoenix-Mesa-Scottsdale, AZ	12
Houston-The Woodlands-Sugar Land, TX	11	Tucson, AZ	10	Portland-Vancouver-Hillsboro, OR-WA	12
Visalia-Porterville, CA	10	Minneapolis-St. Paul-Bloomington, MN-WI	10	San Francisco-Oakland-Hayward, CA	12
Portland-Vancouver-Hillsboro, OR-WA	10	Houston-The Woodlands-Sugar Land, TX	10	Charlotte-Concord-Gastonia, NC-SC	11
Modesto, CA	10	Virginia Beach-Norfolk-Newport News, VA-NC	9	Indianapolis-Carmel-Anderson, IN	11
San Antonio-New Braunfels, TX	9	Sacramento--Roseville--Arden-Arcade, CA	9	Tucson, AZ	11
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	9	Phoenix-Mesa-Scottsdale, AZ	9	Washington-Arlington-Alexandria, DC-VA-MD-WV	11
Denver-Aurora-Lakewood, CO	9	Milwaukee-Waukesha-West Allis, WI	9	Atlanta-Sandy Springs-Roswell, GA	10
Cleveland-Elyria, OH	9	Louisville/Jefferson County, KY-IN	9	Dubuque, IA	10
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		Los Angeles-Long Beach-Anaheim, CA	36	Phoenix-Mesa-Scottsdale, AZ	58
		Chicago-Naperville-Elgin, IL-IN-WI	27	Los Angeles-Long Beach-Anaheim, CA	34
		New York-Newark-Jersey City, NY-NJ-PA	24	Chicago-Naperville-Elgin, IL-IN-WI	33
		Boston-Cambridge-Nashua, MA-NH	17	New York-Newark-Jersey City, NY-NJ-PA	29
		San Antonio-New Braunfels, TX	15	Dallas-Fort Worth-Arlington, TX	20
		Cleveland-Elyria, OH	14	Houston-The Woodlands-Sugar Land, TX	16
		Seattle-Tacoma-Bellevue, WA	13	Minneapolis-St. Paul-Bloomington, MN-WI	15
		San Francisco-Oakland-Hayward, CA	13	Boston-Cambridge-Nashua, MA-NH	12
		Riverside-San Bernardino-Ontario, CA	13	Miami-Fort Lauderdale-West Palm Beach, FL	11
		Houston-The Woodlands-Sugar Land, TX	12	San Francisco-Oakland-Hayward, CA	11
		Dallas-Fort Worth-Arlington, TX	12	Tampa-St. Petersburg-Clearwater, FL	11
		Phoenix-Mesa-Scottsdale, AZ	11	Washington-Arlington-Alexandria, DC-VA-MD-WV	11
		Orlando-Kissimmee-Sanford, FL	10	San Jose-Sunnyvale-Santa Clara, CA	10
		Washington-Arlington-Alexandria, DC-VA-MD-WV	9	Seattle-Tacoma-Bellevue, WA	10
		Portland-Vancouver-Hillsboro, OR-WA	9	Atlanta-Sandy Springs-Roswell, GA	9
		New Orleans-Metairie, LA	9	Riverside-San Bernardino-Ontario, CA	9
		Columbus, OH	9	Salt Lake City, UT	9
		Rochester, NY	8	Austin-Round Rock, TX	8
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	8	Columbus, OH	8
		Las Cruces, NM	8	Louisville/Jefferson County, KY-IN	8
		Eau Claire, WI	8	San Diego-Carlsbad, CA	8
		Cincinnati, OH-KY-IN	8	St. Louis, MO-IL	8
		St. Louis, MO-IL	7	Albuquerque, NM	7
		Sacramento--Roseville--Arden-Arcade, CA	7	Boise City, ID	7
		Minneapolis-St. Paul-Bloomington, MN-WI	7	Cincinnati, OH-KY-IN	7

Pharmacy Demand Report (PDR)

Retail Pharmacist

Job Postings Per State

State/Territory	2021							2022						
	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022
Alabama	9,606	175	151	210	371	907	94.42	9,606	200	183	229	174	786	81.82
Alaska	1,002	45	52	47	43	187	186.63	1,002	30	29	19	23	101	100.80
Arizona	12,051	245	267	285	370	1,167	96.84	12,051	255	253	292	239	1,039	86.22
Arkansas	6,540	89	63	91	146	389	59.48	6,948	113	107	88	94	402	57.86
California	48,204	1,050	775	925	780	3,530	73.23	48,915	775	949	1,167	1,222	4,113	84.08
Colorado	9,064	125	131	187	181	624	68.84	8,874	165	182	208	214	769	86.66
Connecticut	5,545	115	109	127	159	510	91.97	5,545	169	224	277	162	832	150.05
Delaware	2,415	26	61	53	37	177	73.29	2,415	44	52	46	43	185	76.60
District of Columbia	2,036	21	24	21	25	91	44.70	2,036	21	13	20	21	75	36.84
Florida	35,824	661	458	615	513	2,247	62.72	35,824	543	569	626	536	2,274	63.48
Georgia	15,216	345	238	382	325	1,290	84.78	15,216	330	266	501	268	1,365	89.71
Hawaii	2,451	46	44	58	33	181	73.85	2,451	49	19	29	38	135	55.08
Idaho	3,624	65	72	78	83	298	82.23	3,911	73	63	68	105	309	79.01
Illinois	21,122	334	201	366	350	1,251	59.23	21,122	317	304	412	321	1,354	64.10
Indiana	11,497	348	240	420	372	1,380	120.03	11,497	376	401	274	267	1,318	114.64
Iowa	6,581	116	79	110	106	411	62.45	6,522	82	72	94	101	349	53.51
Kansas	7,717	86	78	68	91	323	41.86	8,065	81	90	94	96	361	44.76
Kentucky	10,939	116	154	157	133	560	51.19	10,939	187	190	129	158	664	60.70
Louisiana	9,317	155	97	162	190	604	64.83	9,572	171	157	172	158	658	68.74
Maine	2,343	44	46	44	63	197	84.08	2,343	61	59	85	73	278	118.65
Maryland	12,228	211	184	239	127	761	62.23	12,228	155	198	218	183	754	61.66
Massachusetts	14,029	323	260	258	228	1,069	76.20	14,555	245	374	510	425	1,554	106.77
Michigan	16,867	304	188	278	316	1,086	64.39	16,867	280	272	282	240	1,074	63.67
Minnesota	9,176	221	141	192	170	724	78.90	9,354	151	136	202	202	691	73.87
Mississippi	6,540	69	81	117	122	389	59.48	6,789	94	75	58	66	293	43.16
Missouri	11,822	209	149	215	176	749	63.36	11,878	144	188	238	190	760	63.98
Montana	2,200	64	66	51	49	230	104.55	2,288	34	48	40	45	167	72.99
Nebraska	5,495	64	101	51	63	279	50.77	5,495	67	75	82	89	313	56.96
Nevada	7,721	59	70	64	55	248	32.12	7,721	71	61	72	41	245	31.73
New Hampshire	2,827	46	54	52	59	211	74.64	2,827	43	85	85	131	344	121.68
New Jersey	18,019	275	274	375	220	1,144	63.49	18,019	217	338	500	317	1,372	76.14
New Mexico	3,158	33	47	50	50	180	57.00	3,158	57	59	62	78	256	81.06
New York	28,816	592	459	591	466	2,108	73.15	29,564	445	450	772	429	2,096	70.90
North Carolina	17,284	267	188	315	214	984	56.93	17,617	158	254	359	364	1,135	64.43
North Dakota	2,238	40	18	27	31	116	51.83	2,431	15	26	40	55	136	55.94
Ohio	21,906	305	207	322	303	1,137	51.90	21,740	224	324	454	318	1,320	60.72
Oklahoma	8,150	119	104	154	147	524	64.29	8,150	123	156	166	156	601	73.74
Oregon	9,006	100	154	141	216	611	67.84	8,737	142	157	307	193	799	91.45
Pennsylvania	23,473	402	350	462	346	1,560	66.46	24,587	305	431	526	388	1,650	67.11
Puerto Rico	5,340	35	27	39	13	114	21.35	5,340	13	17	12	9	51	9.55
Rhode Island	2,185	53	44	44	40	181	82.84	2,185	37	44	55	66	202	92.45
South Carolina	9,184	196	110	188	142	636	69.25	9,217	126	180	152	151	609	66.07
South Dakota	2,085	17	27	25	35	104	49.88	2,124	47	39	23	15	124	58.38
Tennessee	12,556	148	118	134	205	605	48.18	12,556	231	202	194	152	779	62.04
Texas	36,154	679	482	739	529	2,429	67.18	36,154	453	645	705	620	2,423	67.02
Utah	4,257	29	58	66	45	198	46.51	4,257	46	28	49	35	158	37.12
Vermont	1,227	41	41	29	47	158	128.77	1,404	37	58	84	49	228	162.39
Virginia	16,159	231	179	285	220	915	56.62	16,079	221	278	400	287	1,186	73.76
Washington	10,969	223	203	297	324	1,047	95.45	11,001	330	380	405	380	1,495	135.90
West Virginia	5,522	56	42	74	54	226	40.93	5,760	97	69	105	93	364	63.19
Wisconsin	8,942	185	138	141	159	623	69.67	8,942	163	149	271	257	840	93.94
Wyoming	1,437	16	7	10	22	55	38.27	1,452	34	20	8	36	98	67.49

Pharmacy Demand Report (PDR)

Retail Pharmacist

Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)

2021		2022			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	297	New York-Newark-Jersey City, NY-NJ-PA	457	New York-Newark-Jersey City, NY-NJ-PA	488
Phoenix-Mesa-Scottsdale, AZ	244	Chicago-Naperville-Elgin, IL-IN-WI	199	Boston-Cambridge-Nashua, MA-NH	283
Chicago-Naperville-Elgin, IL-IN-WI	151	Los Angeles-Long Beach-Anaheim, CA	166	Los Angeles-Long Beach-Anaheim, CA	218
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	139	Boston-Cambridge-Nashua, MA-NH	164	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	209
Miami-Fort Lauderdale-West Palm Beach, FL	120	Phoenix-Mesa-Scottsdale, AZ	158	Chicago-Naperville-Elgin, IL-IN-WI	194
Seattle-Tacoma-Bellevue, WA	116	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	155	Seattle-Tacoma-Bellevue, WA	181
Atlanta-Sandy Springs-Roswell, GA	99	Atlanta-Sandy Springs-Roswell, GA	151	Dallas-Fort Worth-Arlington, TX	176
San Francisco-Oakland-Hayward, CA	93	Seattle-Tacoma-Bellevue, WA	142	Phoenix-Mesa-Scottsdale, AZ	152
Houston-The Woodlands-Sugar Land, TX	89	San Francisco-Oakland-Hayward, CA	137	Indianapolis-Carmel-Anderson, IN	142
Dallas-Fort Worth-Arlington, TX	80	Washington-Arlington-Alexandria, DC-VA-MD-WV	129	San Francisco-Oakland-Hayward, CA	135
Orlando-Kissimmee-Sanford, FL	79	Indianapolis-Carmel-Anderson, IN	127	Washington-Arlington-Alexandria, DC-VA-MD-WV	123
Los Angeles-Long Beach-Anaheim, CA	78	Miami-Fort Lauderdale-West Palm Beach, FL	113	Miami-Fort Lauderdale-West Palm Beach, FL	109
Pittsburgh, PA	73	Dallas-Fort Worth-Arlington, TX	104	Detroit-Warren-Dearborn, MI	104
Detroit-Warren-Dearborn, MI	69	Detroit-Warren-Dearborn, MI	92	Atlanta-Sandy Springs-Roswell, GA	102
Portland-Vancouver-Hillsboro, OR-WA	67	Orlando-Kissimmee-Sanford, FL	88	Houston-The Woodlands-Sugar Land, TX	100
Indianapolis-Carmel-Anderson, IN	64	Houston-The Woodlands-Sugar Land, TX	72	Cincinnati, OH-KY-IN	98
Minneapolis-St. Paul-Bloomington, MN-WI	62	Cincinnati, OH-KY-IN	71	Riverside-San Bernardino-Ontario, CA	98
Sacramento--Roseville--Arden-Arcade, CA	55	Minneapolis-St. Paul-Bloomington, MN-WI	71	Baltimore-Columbia-Towson, MD	87
Tampa-St. Petersburg-Clearwater, FL	44	St. Louis, MO-IL	71	Denver-Aurora-Lakewood, CO	85
Kansas City, MO-KS	44	Hartford-West Hartford-East Hartford, CT	70	Orlando-Kissimmee-Sanford, FL	83
Boise City, ID	44	Pittsburgh, PA	70	Tampa-St. Petersburg-Clearwater, FL	78
Boston-Cambridge-Nashua, MA-NH	43	Denver-Aurora-Lakewood, CO	69	Kansas City, MO-KS	75
Tucson, AZ	39	Portland-Vancouver-Hillsboro, OR-WA	69	Minneapolis-St. Paul-Bloomington, MN-WI	71
St. Louis, MO-IL	38	Nashville-Davidson--Murfreesboro--Franklin, TN	65	Hartford-West Hartford-East Hartford, CT	70
Denver-Aurora-Lakewood, CO	37	Riverside-San Bernardino-Ontario, CA	63	Pittsburgh, PA	68
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	733	New York-Newark-Jersey City, NY-NJ-PA	428
		Boston-Cambridge-Nashua, MA-NH	317	Boston-Cambridge-Nashua, MA-NH	293
		Los Angeles-Long Beach-Anaheim, CA	278	Los Angeles-Long Beach-Anaheim, CA	211
		Chicago-Naperville-Elgin, IL-IN-WI	238	Seattle-Tacoma-Bellevue, WA	199
		Atlanta-Sandy Springs-Roswell, GA	228	Chicago-Naperville-Elgin, IL-IN-WI	198
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	222	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	183
		Dallas-Fort Worth-Arlington, TX	213	Dallas-Fort Worth-Arlington, TX	169
		Seattle-Tacoma-Bellevue, WA	179	Washington-Arlington-Alexandria, DC-VA-MD-WV	139
		Phoenix-Mesa-Scottsdale, AZ	176	San Francisco-Oakland-Hayward, CA	138
		Washington-Arlington-Alexandria, DC-VA-MD-WV	169	Phoenix-Mesa-Scottsdale, AZ	131
		San Francisco-Oakland-Hayward, CA	128	Atlanta-Sandy Springs-Roswell, GA	128
		Minneapolis-St. Paul-Bloomington, MN-WI	118	Minneapolis-St. Paul-Bloomington, MN-WI	113
		Miami-Fort Lauderdale-West Palm Beach, FL	115	Houston-The Woodlands-Sugar Land, TX	103
		Portland-Vancouver-Hillsboro, OR-WA	114	Miami-Fort Lauderdale-West Palm Beach, FL	90
		Baltimore-Columbia-Towson, MD	112	Orlando-Kissimmee-Sanford, FL	89
		Cleveland-Elyria, OH	105	Kansas City, MO-KS	88
		Riverside-San Bernardino-Ontario, CA	104	Baltimore-Columbia-Towson, MD	87
		Kansas City, MO-KS	104	Riverside-San Bernardino-Ontario, CA	86
		St. Louis, MO-IL	96	Denver-Aurora-Lakewood, CO	83
		Pittsburgh, PA	95	Providence-Warwick, RI-MA	77
		Houston-The Woodlands-Sugar Land, TX	95	Boise City, ID	76
		Buffalo-Cheektowaga-Niagara Falls, NY	91	San Jose-Sunnyvale-Santa Clara, CA	74
		Indianapolis-Carmel-Anderson, IN	90	Charlotte-Concord-Gastonia, NC-SC	74
		Detroit-Warren-Dearborn, MI	88	Virginia Beach-Norfolk-Newport News, VA-NC	73
		Denver-Aurora-Lakewood, CO	88	Cincinnati, OH-KY-IN	73

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

Job Postings Per State

State/Territory	2021							2022						
	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022
Alabama	9,606	222	207	251	436	1,116	116.18	9,606	265	243	286	240	1,034	107.64
Alaska	1,002	75	93	82	66	316	315.37	1,002	55	63	45	42	205	204.59
Arizona	12,051	397	504	457	541	1,899	157.58	12,051	502	464	495	508	1,969	163.39
Arkansas	6,540	134	111	119	197	561	85.78	6,948	153	162	132	145	592	85.20
California	48,204	1,786	1,757	1,711	1,546	6,800	141.07	48,915	1,544	1,989	2,114	2,145	7,792	159.30
Colorado	9,064	262	325	384	349	1,320	145.63	8,874	346	388	340	336	1,410	158.89
Connecticut	5,545	185	205	206	293	889	160.32	5,545	259	323	360	247	1,189	214.43
Delaware	2,415	48	103	86	84	321	132.92	2,415	90	85	72	59	306	126.71
District of Columbia	2,036	39	65	35	66	205	100.69	2,036	42	36	47	55	180	88.41
Florida	35,824	1,070	895	1,055	917	3,937	109.90	35,824	1,107	1,145	1,012	938	4,202	117.30
Georgia	15,216	490	402	502	448	1,842	121.06	15,216	444	474	650	419	1,987	130.59
Hawaii	2,451	61	69	76	59	265	108.12	2,451	60	35	64	72	231	94.25
Idaho	3,624	111	142	136	126	515	142.11	3,911	134	143	116	186	579	148.04
Illinois	21,122	560	482	595	646	2,283	108.09	21,122	631	659	692	627	2,609	123.52
Indiana	11,497	463	386	520	488	1,857	161.52	11,497	472	520	435	410	1,837	159.78
Iowa	6,581	155	148	170	164	637	96.79	6,522	179	158	151	168	656	100.58
Kansas	7,717	150	132	132	149	563	72.96	8,065	160	174	197	174	705	87.41
Kentucky	10,939	212	272	247	252	983	89.86	10,939	263	284	197	244	988	90.32
Louisiana	9,317	255	197	269	288	1,009	108.30	9,572	241	267	375	278	1,161	121.29
Maine	2,343	55	66	60	77	258	110.12	2,343	83	88	116	112	399	170.29
Maryland	12,228	270	293	310	206	1,079	88.24	12,228	238	321	337	356	1,252	102.39
Massachusetts	14,029	439	445	393	396	1,673	119.25	14,555	438	625	744	652	2,459	168.95
Michigan	16,867	475	389	493	545	1,902	112.76	16,867	522	491	533	461	2,007	118.99
Minnesota	9,176	344	247	314	272	1,177	128.27	9,354	246	237	292	352	1,127	120.48
Mississippi	6,540	100	142	156	146	544	83.18	6,789	120	101	88	113	422	62.16
Missouri	11,822	310	296	343	339	1,288	108.95	11,878	281	329	363	337	1,310	110.29
Montana	2,200	76	104	95	100	375	170.45	2,288	83	93	76	84	336	146.85
Nebraska	5,495	91	163	78	87	419	76.25	5,495	100	118	147	160	525	95.54
Nevada	7,721	126	158	148	139	571	73.95	7,721	176	168	127	114	585	75.77
New Hampshire	2,827	77	121	93	106	397	140.43	2,827	73	147	130	156	506	178.99
New Jersey	18,019	430	454	566	349	1,799	99.84	18,019	359	548	646	457	2,010	111.55
New Mexico	3,158	78	116	95	103	392	124.13	3,158	94	119	101	130	444	140.60
New York	28,816	826	675	784	656	2,941	102.06	29,564	651	692	1,007	679	3,029	102.46
North Carolina	17,284	466	368	489	417	1,740	100.67	17,617	374	480	533	565	1,952	110.80
North Dakota	2,238	58	43	45	54	200	89.37	2,431	37	56	67	101	261	107.36
Ohio	21,906	477	415	540	544	1,976	90.20	21,740	413	657	706	606	2,382	109.57
Oklahoma	8,150	179	168	189	198	734	90.06	8,150	172	243	252	226	893	109.57
Oregon	9,006	156	279	236	343	1,014	112.59	8,737	256	296	475	302	1,329	152.11
Pennsylvania	23,473	634	565	689	563	2,451	104.42	24,587	529	670	724	600	2,523	102.62
Puerto Rico	5,340	41	40	52	23	156	29.21	5,340	17	23	15	10	65	12.17
Rhode Island	2,185	78	65	71	56	270	123.57	2,185	58	76	75	101	310	141.88
South Carolina	9,184	250	188	236	227	901	98.11	9,217	188	252	209	224	873	94.72
South Dakota	2,085	28	54	46	55	183	87.77	2,124	79	56	38	46	219	103.11
Tennessee	12,556	242	231	252	334	1,059	84.34	12,556	342	356	347	286	1,331	106.01
Texas	36,154	1,125	882	1,194	976	4,177	115.53	36,154	902	1,214	1,087	1,035	4,238	117.22
Utah	4,257	65	125	129	101	420	98.66	4,257	78	86	87	87	338	79.40
Vermont	1,227	46	61	35	66	208	169.52	1,404	53	84	98	70	305	217.24
Virginia	16,159	354	320	444	399	1,517	93.88	16,079	346	420	562	453	1,781	110.77
Washington	10,969	332	386	448	463	1,629	148.51	11,001	476	546	571	561	2,154	195.80
West Virginia	5,522	70	66	86	77	299	54.15	5,760	114	112	127	114	467	81.08
Wisconsin	8,942	280	262	248	265	1,055	117.98	8,942	289	257	405	476	1,427	159.58
Wyoming	1,437	21	16	21	27	85	59.15	1,452	52	40	17	53	162	111.57

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

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

2021		2022			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	2,925	New York-Newark-Jersey City, NY-NJ-PA	675	New York-Newark-Jersey City, NY-NJ-PA	797
Los Angeles-Long Beach-Anaheim, CA	1,653	Chicago-Naperville-Elgin, IL-IN-WI	465	Los Angeles-Long Beach-Anaheim, CA	607
Chicago-Naperville-Elgin, IL-IN-WI	1,598	Los Angeles-Long Beach-Anaheim, CA	390	Chicago-Naperville-Elgin, IL-IN-WI	499
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,424	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	324	Boston-Cambridge-Nashua, MA-NH	490
Boston-Cambridge-Nashua, MA-NH	1,221	Boston-Cambridge-Nashua, MA-NH	313	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	354
Phoenix-Mesa-Scottsdale, AZ	1,220	Miami-Fort Lauderdale-West Palm Beach, FL	311	Dallas-Fort Worth-Arlington, TX	336
Dallas-Fort Worth-Arlington, TX	1,100	Phoenix-Mesa-Scottsdale, AZ	296	Miami-Fort Lauderdale-West Palm Beach, FL	324
Miami-Fort Lauderdale-West Palm Beach, FL	1,051	Dallas-Fort Worth-Arlington, TX	234	Seattle-Tacoma-Bellevue, WA	288
San Francisco-Oakland-Hayward, CA	1,029	Seattle-Tacoma-Bellevue, WA	223	San Francisco-Oakland-Hayward, CA	268
Washington-Arlington-Alexandria, DC-VA-MD-WV	936	San Francisco-Oakland-Hayward, CA	222	Phoenix-Mesa-Scottsdale, AZ	263
Atlanta-Sandy Springs-Roswell, GA	887	Detroit-Warren-Dearborn, MI	210	Houston-The Woodlands-Sugar Land, TX	252
Seattle-Tacoma-Bellevue, WA	804	Atlanta-Sandy Springs-Roswell, GA	196	Detroit-Warren-Dearborn, MI	220
Detroit-Warren-Dearborn, MI	774	Washington-Arlington-Alexandria, DC-VA-MD-WV	194	Atlanta-Sandy Springs-Roswell, GA	207
Denver-Aurora-Lakewood, CO	748	Orlando-Kissimmee-Sanford, FL	188	Denver-Aurora-Lakewood, CO	207
Houston-The Woodlands-Sugar Land, TX	726	Denver-Aurora-Lakewood, CO	172	Indianapolis-Carmel-Anderson, IN	201
Minneapolis-St. Paul-Bloomington, MN-WI	699	Tampa-St. Petersburg-Clearwater, FL	162	Washington-Arlington-Alexandria, DC-VA-MD-WV	191
Indianapolis-Carmel-Anderson, IN	678	Indianapolis-Carmel-Anderson, IN	160	Cincinnati, OH-KY-IN	182
Tampa-St. Petersburg-Clearwater, FL	674	Houston-The Woodlands-Sugar Land, TX	150	Kansas City, MO-KS	179
Sacramento-Roseville-Arden-Arcade, CA	639	St. Louis, MO-IL	141	Baltimore-Columbia-Towson, MD	173
St. Louis, MO-IL	631	Portland-Vancouver-Hillsboro, OR-WA	136	Tampa-St. Petersburg-Clearwater, FL	167
Orlando-Kissimmee-Sanford, FL	581	Kansas City, MO-KS	134	Orlando-Kissimmee-Sanford, FL	163
Portland-Vancouver-Hillsboro, OR-WA	553	San Diego-Carlsbad, CA	132	Sacramento-Roseville-Arden-Arcade, CA	163
Kansas City, MO-KS	536	Riverside-San Bernardino-Ontario, CA	131	Riverside-San Bernardino-Ontario, CA	156
Baltimore-Columbia-Towson, MD	520	Cincinnati, OH-KY-IN	129	Minneapolis-St. Paul-Bloomington, MN-WI	142
Pittsburgh, PA	484	Minneapolis-St. Paul-Bloomington, MN-WI	126	Portland-Vancouver-Hillsboro, OR-WA	140
Cincinnati, OH-KY-IN	479	Austin-Round Rock, TX	121	Pittsburgh, PA	138
Riverside-San Bernardino-Ontario, CA	470	Sacramento-Roseville-Arden-Arcade, CA	118	San Diego-Carlsbad, CA	136
San Diego-Carlsbad, CA	459	Nashville-Davidson--Murfreesboro--Franklin, TN	110	Cleveland-Elyria, OH	123
Nashville-Davidson--Murfreesboro--Franklin, TN	429	Pittsburgh, PA	109	St. Louis, MO-IL	121
Louisville/Jefferson County, KY-IN	426	Baltimore-Columbia-Towson, MD	108	Virginia Beach-Norfolk-Newport News, VA-NC	116
San Jose-Sunnyvale-Santa Clara, CA	401	Milwaukee-Waukesha-West Allis, WI	99	Nashville-Davidson--Murfreesboro--Franklin, TN	114
Cleveland-Elyria, OH	395	Las Vegas-Henderson-Paradise, NV	95	Austin-Round Rock, TX	112
San Antonio-New Braunfels, TX	376	Hartford-West Hartford-East Hartford, CT	93	Charlotte-Concord-Gastonia, NC-SC	112
Virginia Beach-Norfolk-Newport News, VA-NC	372	Louisville/Jefferson County, KY-IN	86	Hartford-West Hartford-East Hartford, CT	106
Las Vegas-Henderson-Paradise, NV	340	San Jose-Sunnyvale-Santa Clara, CA	81	New Orleans-Metairie, LA	101
Milwaukee-Waukesha-West Allis, WI	337	Charlotte-Concord-Gastonia, NC-SC	81	Oklahoma City, OK	99
Austin-Round Rock, TX	334	Tucson, AZ	78	Boise City, ID	95
Charlotte-Concord-Gastonia, NC-SC	321	Boise City, ID	78	Las Vegas-Henderson-Paradise, NV	95
Providence-Warwick, RI-MA	320	Memphis, TN-MS-AR	77	Louisville/Jefferson County, KY-IN	94
Raleigh, NC	313	San Antonio-New Braunfels, TX	75	Richmond, VA	93
Birmingham-Hoover, AL	313	Jacksonville, FL	69	San Antonio-New Braunfels, TX	93
New Orleans-Metairie, LA	304	Virginia Beach-Norfolk-Newport News, VA-NC	67	Memphis, TN-MS-AR	91
Columbus, OH	290	New Orleans-Metairie, LA	67	Tucson, AZ	86
Hartford-West Hartford-East Hartford, CT	289	Buffalo-Cheektowaga-Niagara Falls, NY	65	New Haven, CT	84
Oklahoma City, OK	286	Birmingham-Hoover, AL	64	Birmingham-Hoover, AL	83
Boise City, ID	283	Raleigh, NC	63	Milwaukee-Waukesha-West Allis, WI	80
Memphis, TN-MS-AR	279	Providence-Warwick, RI-MA	63	Providence-Warwick, RI-MA	79
Salt Lake City, UT	248	Richmond, VA	62	Columbus, OH	76
Tucson, AZ	247	Cleveland-Elyria, OH	62	Raleigh, NC	73
Richmond, VA	245	Durham-Chapel Hill, NC	61	Durham-Chapel Hill, NC	72
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	981	New York-Newark-Jersey City, NY-NJ-PA	665	New York-Newark-Jersey City, NY-NJ-PA	665
Los Angeles-Long Beach-Anaheim, CA	609	Los Angeles-Long Beach-Anaheim, CA	471	Los Angeles-Long Beach-Anaheim, CA	471
Boston-Cambridge-Nashua, MA-NH	519	Boston-Cambridge-Nashua, MA-NH	454	Boston-Cambridge-Nashua, MA-NH	454
Chicago-Naperville-Elgin, IL-IN-WI	455	Chicago-Naperville-Elgin, IL-IN-WI	437	Chicago-Naperville-Elgin, IL-IN-WI	437
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	327	Phoenix-Mesa-Scottsdale, AZ	325	Phoenix-Mesa-Scottsdale, AZ	325
Dallas-Fort Worth-Arlington, TX	316	Seattle-Tacoma-Bellevue, WA	304	Seattle-Tacoma-Bellevue, WA	304
Atlanta-Sandy Springs-Roswell, GA	297	San Francisco-Oakland-Hayward, CA	291	San Francisco-Oakland-Hayward, CA	291
Phoenix-Mesa-Scottsdale, AZ	286	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	290	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	290
Seattle-Tacoma-Bellevue, WA	278	Dallas-Fort Worth-Arlington, TX	281	Dallas-Fort Worth-Arlington, TX	281
San Francisco-Oakland-Hayward, CA	270	Washington-Arlington-Alexandria, DC-VA-MD-WV	249	Washington-Arlington-Alexandria, DC-VA-MD-WV	249
Washington-Arlington-Alexandria, DC-VA-MD-WV	240	Atlanta-Sandy Springs-Roswell, GA	216	Atlanta-Sandy Springs-Roswell, GA	216
Miami-Fort Lauderdale-West Palm Beach, FL	231	Minneapolis-St. Paul-Bloomington, MN-WI	214	Minneapolis-St. Paul-Bloomington, MN-WI	214
Portland-Vancouver-Hillsboro, OR-WA	223	Miami-Fort Lauderdale-West Palm Beach, FL	211	Miami-Fort Lauderdale-West Palm Beach, FL	211
Baltimore-Columbia-Towson, MD	200	Houston-The Woodlands-Sugar Land, TX	210	Houston-The Woodlands-Sugar Land, TX	210
Houston-The Woodlands-Sugar Land, TX	197	Baltimore-Columbia-Towson, MD	205	Baltimore-Columbia-Towson, MD	205
Detroit-Warren-Dearborn, MI	193	Milwaukee-Waukesha-West Allis, WI	163	Milwaukee-Waukesha-West Allis, WI	163
Kansas City, MO-KS	186	San Jose-Sunnyvale-Santa Clara, CA	158	San Jose-Sunnyvale-Santa Clara, CA	158
New Orleans-Metairie, LA	185	Kansas City, MO-KS	155	Kansas City, MO-KS	155
Sacramento-Roseville-Arden-Arcade, CA	180	Denver-Aurora-Lakewood, CO	155	Denver-Aurora-Lakewood, CO	155
Indianapolis-Carmel-Anderson, IN	177	Detroit-Warren-Dearborn, MI	154	Detroit-Warren-Dearborn, MI	154
Minneapolis-St. Paul-Bloomington, MN-WI	168	Sacramento-Roseville-Arden-Arcade, CA	153	Sacramento-Roseville-Arden-Arcade, CA	153
Denver-Aurora-Lakewood, CO	167	Orlando-Kissimmee-Sanford, FL	152	Orlando-Kissimmee-Sanford, FL	152
St. Louis, MO-IL	158	Charlotte-Concord-Gastonia, NC-SC	152	Charlotte-Concord-Gastonia, NC-SC	152
Riverside-San Bernardino-Ontario, CA	150	Pittsburgh, PA	148	Pittsburgh, PA	148
Cleveland-Elyria, OH	150	Tampa-St. Petersburg-Clearwater, FL	144	Tampa-St. Petersburg-Clearwater, FL	144
Orlando-Kissimmee-Sanford, FL	149	Cincinnati, OH-KY-IN	143	Cincinnati, OH-KY-IN	143
Virginia Beach-Norfolk-Newport News, VA-NC	148	San Diego-Carlsbad, CA	139	San Diego-Carlsbad, CA	139
Pittsburgh, PA	144	Riverside-San Bernardino-Ontario, CA	133	Riverside-San Bernardino-Ontario, CA	133
San Diego-Carlsbad, CA	143	Portland-Vancouver-Hillsboro, OR-WA	130	Portland-Vancouver-Hillsboro, OR-WA	130
Cincinnati, OH-KY-IN	138	Boise City, ID	130	Boise City, ID	130
Tampa-St. Petersburg-Clearwater, FL	136	New Orleans-Metairie, LA	129	New Orleans-Metairie, LA	129
San Jose-Sunnyvale-Santa Clara, CA	128	Cleveland-Elyria, OH	128	Cleveland-Elyria, OH	128
Charlotte-Concord-Gastonia, NC-SC	125	Virginia Beach-Norfolk-Newport News, VA-NC	125	Virginia Beach-Norfolk-Newport News, VA-NC	125
Columbus, OH	119	St. Louis, MO-IL	122	St. Louis, MO-IL	122
Buffalo-Cheektowaga-Niagara Falls, NY	118	Indianapolis-Carmel-Anderson, IN	120	Indianapolis-Carmel-Anderson, IN	120
Nashville-Davidson--Murfreesboro--Franklin, TN	108	Austin-Round Rock, TX	104	Austin-Round Rock, TX	104
Milwaukee-Waukesha-West Allis, WI	104	Providence-Warwick, RI-MA	99	Providence-Warwick, RI-MA	99
Oklahoma City, OK	103	Columbus, OH	98	Columbus, OH	98
San Antonio-New Braunfels, TX	101	Nashville-Davidson--Murfreesboro--Franklin, TN	89	Nashville-Davidson--Murfreesboro--Franklin, TN	89
Richmond, VA	100	Santa Rosa, CA	85	Santa Rosa, CA	85
Hartford-West Hartford-East Hartford, CT	93	Hartford-West Hartford-East Hartford, CT	85	Hartford-West Hartford-East Hartford, CT	85
Allentown-Bethlehem-Easton, PA-NJ	91	Louisville/Jefferson County, KY-IN	84	Louisville/Jefferson County, KY-IN	84
Austin-Round Rock, TX	90	San Antonio-New Braunfels, TX	81	San Antonio-New Braunfels, TX	81
Providence-Warwick, RI-MA	87	Oklahoma City, OK	78	Oklahoma City, OK	78
Memphis, TN-MS-AR	86	Raleigh, NC	77	Raleigh, NC	77
Birmingham-Hoover, AL	83	Omaha-Council Bluffs, NE-IA	75	Omaha-Council Bluffs, NE-IA	75
Tucson, AZ	77	Jacksonville, FL	73	Jacksonville, FL	73
Omaha-Council Bluffs, NE-IA	77	Albany-Schenectady-Troy, NY	71	Albany-Schenectady-Troy, NY	71
Springfield, MA-CT	76	New Haven, CT	69	New Haven, CT	69
Louisville/Jefferson County, KY-IN	76	Las Vegas-Henderson-Paradise, NV	65	Las Vegas-Henderson-Paradise, NV	65

Pharmacy Demand Report (PDR)

Pharmacy Technician

Job Postings Per State

State/Territory	2021							2022						
	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022
Alabama	6,790	382	521	479	649	2,031	299.12	6,790	458	461	632	449	2,000	294.55
Alaska	610	65	109	81	75	330	540.98	610	67	80	61	85	293	480.33
Arizona	9,250	1,097	1,456	1,235	1,316	5,104	551.78	9,250	1,273	1,241	1,093	1,108	4,715	509.73
Arkansas	4,570	194	221	264	311	990	216.63	4,570	314	306	302	271	1,193	261.05
California	36,100	3,799	3,749	3,566	4,170	15,284	423.38	36,100	3,878	4,596	3,985	4,089	16,548	458.39
Colorado	5,710	840	957	837	1,064	3,698	647.64	5,710	938	917	860	749	3,464	606.65
Connecticut	3,780	330	375	389	573	1,667	441.01	3,780	450	529	400	373	1,752	463.49
Delaware	1,270	56	114	97	125	392	308.66	1,270	118	110	119	119	466	366.93
District of Columbia	660	57	78	74	88	297	450.00	660	75	98	90	107	370	560.61
Florida	29,840	2,536	2,838	2,250	2,793	10,417	349.10	29,840	2,956	2,716	2,520	2,335	10,527	352.78
Georgia	11,290	976	935	905	1,097	3,913	346.59	11,290	1,068	1,086	1,081	855	4,090	362.27
Hawaii	1,850	122	165	109	149	545	294.59	1,850	117	146	103	113	479	258.92
Idaho	2,260	238	255	240	268	1,001	442.92	2,260	232	246	258	235	971	429.65
Illinois	19,880	1,109	1,331	1,514	1,721	5,675	285.46	19,880	1,567	1,661	1,960	1,590	6,778	340.95
Indiana	9,790	1,127	1,016	932	1,203	4,278	436.98	9,790	1,143	949	782	840	3,714	379.37
Iowa	3,890	271	344	346	382	1,343	345.24	3,890	362	398	425	411	1,596	410.28
Kansas	4,280	306	306	368	455	1,435	335.28	4,280	401	413	506	467	1,787	417.52
Kentucky	10,210	533	497	536	617	2,183	213.81	10,210	599	523	508	576	2,206	216.06
Louisiana	5,990	490	494	542	618	2,144	357.93	5,990	613	576	509	438	2,136	356.59
Maine	2,280	78	84	113	116	391	171.49	2,280	165	160	230	256	811	355.70
Maryland	6,940	675	824	740	763	3,002	432.56	6,940	631	790	786	786	2,993	431.27
Massachusetts	8,740	856	948	952	1,023	3,779	432.38	8,740	904	1,238	930	1,096	4,168	476.89
Michigan	13,990	1,246	1,623	1,862	1,830	6,561	468.98	13,990	1,777	1,501	1,433	1,431	6,142	439.03
Minnesota	8,050	748	661	648	774	2,831	351.68	8,050	828	820	754	918	3,320	412.42
Mississippi	3,580	198	229	267	295	989	276.26	3,580	300	260	218	232	1,010	282.12
Missouri	10,030	496	592	701	714	2,503	249.55	10,030	827	782	886	787	3,282	327.22
Montana	1,200	99	128	110	128	465	387.50	1,200	116	120	119	94	449	374.17
Nebraska	2,540	171	194	174	232	771	303.54	2,540	228	195	236	262	921	362.60
Nevada	4,210	305	280	291	283	1,159	275.30	4,210	316	264	328	281	1,189	282.42
New Hampshire	1,880	129	193	194	239	755	401.60	1,880	261	233	238	252	984	523.40
New Jersey	10,400	968	1,214	1,059	1,168	4,409	423.94	10,400	964	917	1,070	978	3,929	377.79
New Mexico	2,490	138	174	166	242	720	289.16	2,490	242	212	215	183	852	342.17
New York	18,970	1,441	1,545	1,388	1,532	5,906	311.33	18,970	1,233	1,285	1,499	1,445	5,462	287.93
North Carolina	13,710	959	1,084	1,164	1,502	4,709	343.47	13,710	1,305	1,149	1,078	1,255	4,787	349.16
North Dakota	880	36	53	49	54	192	218.18	880	50	61	58	84	253	287.50
Ohio	17,090	1,437	1,696	1,687	1,950	6,770	396.14	17,090	1,642	1,689	1,888	1,616	6,835	399.94
Oklahoma	4,870	344	309	344	470	1,467	301.23	4,870	536	447	507	376	1,866	383.16
Oregon	5,020	371	457	435	556	1,819	362.35	5,020	480	526	574	481	2,061	410.56
Pennsylvania	18,900	1,127	1,732	1,530	1,477	5,866	310.37	18,900	1,212	1,320	1,258	1,373	5,163	273.17
Puerto Rico	5,300	43	35	14	40	132	24.91	5,300	17	3	9	2	31	5.85
Rhode Island	1,770	99	100	133	136	468	264.41	1,770	95	160	110	159	524	296.05
South Carolina	6,470	363	381	473	497	1,714	264.91	6,470	442	347	396	454	1,639	253.32
South Dakota	1,290	64	82	68	84	298	231.01	1,290	83	57	87	127	354	274.42
Tennessee	11,190	766	736	867	997	3,366	300.80	11,190	925	864	889	882	3,560	318.14
Texas	36,690	3,032	3,112	3,340	3,445	12,929	352.38	36,690	3,081	3,056	3,172	3,143	12,452	339.38
Utah	4,060	255	350	398	384	1,387	341.63	4,060	416	427	377	338	1,558	383.74
Vermont	700	38	48	33	75	194	277.14	700	99	76	89	101	365	521.43
Virginia	9,590	760	826	772	1,075	3,433	357.98	9,590	911	993	840	911	3,655	381.13
Washington	7,740	804	870	838	976	3,488	450.65	7,740	1,013	924	779	918	3,634	469.51
West Virginia	3,140	122	127	149	190	588	187.26	3,140	265	159	120	122	666	212.10
Wisconsin	8,290	637	693	715	777	2,822	340.41	8,290	794	841	966	920	3,521	424.73
Wyoming	560	27	41	37	42	147	262.50	560	58	56	55	56	225	401.79

Pharmacy Demand Report (PDR)

Pharmacy Technician

Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs)

2021		2022			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	7,567	New York-Newark-Jersey City, NY-NJ-PA	1,439	Los Angeles-Long Beach-Anaheim, CA	1,702
Phoenix-Mesa-Scottsdale, AZ	5,589	Chicago-Naperville-Elgin, IL-IN-WI	1,236	New York-Newark-Jersey City, NY-NJ-PA	1,487
Los Angeles-Long Beach-Anaheim, CA	5,569	Los Angeles-Long Beach-Anaheim, CA	1,150	Chicago-Naperville-Elgin, IL-IN-WI	1,367
Chicago-Naperville-Elgin, IL-IN-WI	4,992	Dallas-Fort Worth-Arlington, TX	1,030	Dallas-Fort Worth-Arlington, TX	1,003
Dallas-Fort Worth-Arlington, TX	4,910	Phoenix-Mesa-Scottsdale, AZ	982	Phoenix-Mesa-Scottsdale, AZ	931
Detroit-Warren-Dearborn, MI	3,736	Detroit-Warren-Dearborn, MI	865	Boston-Cambridge-Nashua, MA-NH	929
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	3,631	Miami-Fort Lauderdale-West Palm Beach, FL	776	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	782
Boston-Cambridge-Nashua, MA-NH	3,355	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	706	Miami-Fort Lauderdale-West Palm Beach, FL	776
Miami-Fort Lauderdale-West Palm Beach, FL	3,248	Boston-Cambridge-Nashua, MA-NH	667	Detroit-Warren-Dearborn, MI	726
Houston-The Woodlands-Sugar Land, TX	2,886	Atlanta-Sandy Springs-Roswell, GA	599	Houston-The Woodlands-Sugar Land, TX	666
Denver-Aurora-Lakewood, CO	2,631	Seattle-Tacoma-Bellevue, WA	596	San Francisco-Oakland-Hayward, CA	604
Atlanta-Sandy Springs-Roswell, GA	2,607	Houston-The Woodlands-Sugar Land, TX	573	Atlanta-Sandy Springs-Roswell, GA	601
Seattle-Tacoma-Bellevue, WA	2,498	Denver-Aurora-Lakewood, CO	571	Minneapolis-St. Paul-Bloomington, MN-WI	594
San Francisco-Oakland-Hayward, CA	2,459	Tampa-St. Petersburg-Clearwater, FL	564	Washington-Arlington-Alexandria, DC-VA-MD-WV	581
Washington-Arlington-Alexandria, DC-VA-MD-WV	2,422	San Francisco-Oakland-Hayward, CA	560	Seattle-Tacoma-Bellevue, WA	557
Indianapolis-Carmel-Anderson, IN	2,358	Minneapolis-St. Paul-Bloomington, MN-WI	541	Denver-Aurora-Lakewood, CO	556
Tampa-St. Petersburg-Clearwater, FL	2,305	Orlando-Kissimmee-Sanford, FL	492	Tampa-St. Petersburg-Clearwater, FL	486
Minneapolis-St. Paul-Bloomington, MN-WI	2,174	Kansas City, MO-KS	471	Baltimore-Columbia-Towson, MD	480
Baltimore-Columbia-Towson, MD	2,163	Washington-Arlington-Alexandria, DC-VA-MD-WV	440	Riverside-San Bernardino-Ontario, CA	443
Riverside-San Bernardino-Ontario, CA	1,887	Sacramento-Roseville--Arden-Arcade, CA	439	Kansas City, MO-KS	441
Orlando-Kissimmee-Sanford, FL	1,792	Indianapolis-Carmel-Anderson, IN	422	Cleveland-Elyria, OH	421
Cleveland-Elyria, OH	1,752	Riverside-San Bernardino-Ontario, CA	408	Orlando-Kissimmee-Sanford, FL	420
Pittsburgh, PA	1,590	Baltimore-Columbia-Towson, MD	401	Indianapolis-Carmel-Anderson, IN	394
Nashville-Davidson--Murfreesboro--Franklin, TN	1,568	Columbus, OH	386	Portland-Vancouver-Hillsboro, OR-WA	378
Kansas City, MO-KS	1,537	Nashville-Davidson--Murfreesboro--Franklin, TN	364	San Diego-Carlsbad, CA	377
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	1,585	New York-Newark-Jersey City, NY-NJ-PA	1,527
		Chicago-Naperville-Elgin, IL-IN-WI	1,522	Los Angeles-Long Beach-Anaheim, CA	1,307
		Los Angeles-Long Beach-Anaheim, CA	1,391	Chicago-Naperville-Elgin, IL-IN-WI	1,299
		Dallas-Fort Worth-Arlington, TX	979	Dallas-Fort Worth-Arlington, TX	992
		Phoenix-Mesa-Scottsdale, AZ	837	Boston-Cambridge-Nashua, MA-NH	833
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	726	Phoenix-Mesa-Scottsdale, AZ	830
		Boston-Cambridge-Nashua, MA-NH	707	San Francisco-Oakland-Hayward, CA	708
		Houston-The Woodlands-Sugar Land, TX	648	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	705
		Atlanta-Sandy Springs-Roswell, GA	591	Minneapolis-St. Paul-Bloomington, MN-WI	686
		Miami-Fort Lauderdale-West Palm Beach, FL	573	Houston-The Woodlands-Sugar Land, TX	664
		Detroit-Warren-Dearborn, MI	569	Seattle-Tacoma-Bellevue, WA	591
		San Francisco-Oakland-Hayward, CA	565	Miami-Fort Lauderdale-West Palm Beach, FL	574
		Baltimore-Columbia-Towson, MD	524	Detroit-Warren-Dearborn, MI	561
		Tampa-St. Petersburg-Clearwater, FL	514	Washington-Arlington-Alexandria, DC-VA-MD-WV	552
		Minneapolis-St. Paul-Bloomington, MN-WI	514	Baltimore-Columbia-Towson, MD	526
		Denver-Aurora-Lakewood, CO	479	Denver-Aurora-Lakewood, CO	477
		Washington-Arlington-Alexandria, DC-VA-MD-WV	475	Kansas City, MO-KS	467
		Kansas City, MO-KS	467	Atlanta-Sandy Springs-Roswell, GA	447
		Seattle-Tacoma-Bellevue, WA	441	Orlando-Kissimmee-Sanford, FL	444
		Cleveland-Elyria, OH	440	Tampa-St. Petersburg-Clearwater, FL	430
		St. Louis, MO-IL	422	Pittsburgh, PA	383
		Riverside-San Bernardino-Ontario, CA	420	Cincinnati, OH-KY-IN	369
		Orlando-Kissimmee-Sanford, FL	388	San Diego-Carlsbad, CA	363
		Cincinnati, OH-KY-IN	385	Indianapolis-Carmel-Anderson, IN	361
		Columbus, OH	362	Riverside-San Bernardino-Ontario, CA	360