



American Association of  
Colleges of Pharmacy

American College of  
Clinical Pharmacy

American Pharmacists  
Association

American Society of  
Health-System Pharmacists

Board of Pharmacy Specialties

Hematology/Oncology Pharmacy  
Association

National Alliance of State  
Pharmacy Associations

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## Pharmacy Demand Report (PDR) Executive Summary

### 3<sup>rd</sup> Quarter 2024

This is the executive summary of the Pharmacy Demand Report (PDR) for the third quarter 2024. An overview of the PDR can be found [online](#).

#### *Pharmacists*

Highlights for pharmacist job postings for 2024 include:

- 19,312 job postings were reported for the third quarter (compared to 21,390 postings for the third quarter 2023);
- The highest number of postings were for the Retail Pharmacist position (9,851) followed by Clinical Pharmacist position (4,606), Hospital position (2,372), Other Pharmacist Occupations category (1,355), and Pharmacy Director position (1,128).
- The highest number of job postings were in the southern part of the country, followed by the midwest, west, and northeast;
- California had the highest number of job postings (1,582), followed by Texas (1,407), Florida (1,042), Pennsylvania (1,001), and New York (736). Puerto Rico (38), Wyoming (42), North Dakota (65), Alaska (68), and Vermont (74), had the lowest number of job postings; and
- The MSAs with the highest number of job postings in the third quarter were New York-Newark, Chicago, and Boston.

#### *Pharmacy Technicians*

There were 118,502 job postings for pharmacy technicians through the third quarter 2024. Highlights for pharmacy technicians job postings for 2024 include:

- 45,196 job postings were reported for the third quarter (compared to 39,580 job postings for the third quarter 2023);
- The highest number of job postings were in the southern part of the country, followed by the midwest, west, and northeast;
- California had the highest number of job postings (3,422), followed by Texas (3,379), Florida (2,645), Ohio (2,214), and Illinois (2,042). North Dakota (84) and the District of Columbia (103) had the lowest number of job postings; and
- New York-Newark, Chicago, and Dallas had the highest number of job postings for the third quarter.

## **Updated to the Pharmacy Demand Report Data Sourcing**

In Fall 2023, the software that the Pharmacy Workforce Center (PWC) uses to generate the Pharmacy Demand Report (PDR) changed from the Emsi-Burning Glass Labor Insight tool to the Lightcast (formerly Emsi-Burning Glass) Developer tool. With a more robust system, the Lightcast Developer will deliver more accurate quarterly job posting data. To account for this change in data sourcing, the PWC has updated the job posting numbers for 2022 and 2023 for more accurate comparisons.

\*The algorithm that pulls the job postings from the internet is constantly updating. Given this, expect a margin of error of 1-2% for the number of job postings represented.

## Regional Data

Clinical Pharmacist										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	869	943	755	673	3,240	741	677	733	0	2,151
South	1,729	1,946	1,758	1,438	6,871	1,574	1,485	1,725	0	4,784
Midwest	1,178	1,236	1,125	917	4,456	930	805	1,115	0	2,850
West	1,493	1,441	1,179	978	5,091	1,046	945	1,033	0	3,024

Retail Pharmacist										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	1,828	1,989	2,558	1,952	8,327	1,722	2,034	1,876	0	5,632
South	3,349	3,735	4,409	3,513	15,006	4,000	3,996	3,644	0	11,640
Midwest	1,911	2,069	2,504	2,327	8,811	2,436	2,659	2,249	0	7,344
West	2,613	2,288	2,617	2,000	9,518	1,984	1,893	2,082	0	5,959

Hospital Pharmacist										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	359	376	346	322	1,403	317	377	428	0	1,122
South	479	669	585	531	2,264	733	692	833	0	2,258
Midwest	355	462	391	336	1,544	440	460	486	0	1,386
West	557	721	395	431	2,104	477	581	625	0	1,683

All Pharmacist Positions										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	3,405	3,810	4,139	3,485	14,839	3,182	3,434	3,648	0	10,264
South	6,369	7,266	7,932	6,360	27,927	7,305	6,976	7,082	0	21,363
Midwest	3,907	4,318	4,546	4,041	16,812	4,301	4,286	4,302	0	12,889
West	5,414	5,082	4,719	3,976	19,191	4,049	3,942	4,280	0	12,271

Other Pharmacist Occupations										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	215	353	364	371	1,303	204	200	457	0	861
South	416	519	765	535	2,235	616	416	415	0	1,447
Midwest	226	351	313	252	1,142	314	187	201	0	702
West	458	383	283	315	1,439	303	287	282	0	872

Pharmacy Technicians										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	5,431	5,485	6,854	6,903	24,673	6,736	6,378	7,793	0	20,907
South	13,099	13,830	14,170	13,933	55,032	14,916	11,346	16,369	0	42,631
Midwest	8,268	8,685	9,859	9,316	36,128	9,594	7,971	11,465	0	29,030
West	9,255	8,222	8,645	7,868	33,990	8,320	7,777	9,569	0	25,666

Pharmacy Director										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	134	149	116	167	566	198	146	154	0	498
South	396	397	415	343	1,551	382	387	465	0	1,234
Midwest	237	200	213	209	859	181	175	251	0	607
West	293	249	245	252	1,039	239	236	258	0	733

# Pharmacy Demand Report (PDR)

## Clinical Pharmacist

### Job Postings Per State

State/Territory	2023							2024						
	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024
Alabama	9,606	59	82	65	21	227	23.63	9,606	49	42	40		131	13.64
Alaska	1,095	16	12	25	25	78	71.23	1,095	19	22	25		66	60.27
Arizona	12,051	172	161	121	111	565	46.88	12,051	143	97	106		346	28.71
Arkansas	6,948	45	61	45	18	169	24.32	6,948	30	30	26		86	12.38
California	49,597	636	507	465	396	2,004	40.41	49,597	300	297	376		973	19.62
Colorado	8,874	117	131	62	66	376	42.37	8,874	82	80	99		261	29.41
Connecticut	5,545	65	112	97	67	341	61.50	5,545	84	55	60		199	35.89
Delaware	2,396	38	32	10	40	120	50.08	2,396	35	25	31		91	37.98
District of Columbia	2,036	40	54	46	31	171	83.99	2,036	35	36	46		117	57.47
Florida	35,824	359	306	319	261	1,245	34.75	35,824	289	254	312		855	23.87
Georgia	15,216	105	108	99	70	382	25.11	15,216	66	81	137		284	18.66
Hawaii	2,451	16	31	20	12	79	32.23	2,451	16	22	8		46	18.77
Idaho	3,911	46	82	70	28	226	57.79	3,911	44	54	34		132	33.75
Illinois	21,122	207	252	241	188	888	42.04	21,122	157	130	149		436	20.64
Indiana	11,497	110	84	93	89	376	32.70	11,497	97	94	107		298	25.92
Iowa	6,472	51	88	31	53	223	34.46	6,472	62	39	56		157	24.26
Kansas	8,235	90	97	82	60	329	39.95	8,235	47	44	43		134	16.27
Kentucky	10,939	81	71	60	73	285	26.05	10,939	74	78	62		214	19.56
Louisiana	9,572	100	151	58	54	363	37.92	9,572	69	57	56		182	19.01
Maine	2,343	48	26	25	16	115	49.08	2,343	51	44	28		123	52.50
Maryland	12,654	138	156	100	164	558	44.10	12,654	105	108	105		318	25.13
Massachusetts	13,873	179	221	179	175	754	54.35	13,873	170	139	158		467	33.66
Michigan	17,395	185	146	112	93	536	30.81	17,395	106	87	98		291	16.73
Minnesota	9,354	71	73	72	60	276	29.51	9,354	49	55	137		241	25.76
Mississippi	6,789	23	42	34	22	121	17.82	6,789	37	29	31		97	14.29
Missouri	11,833	136	112	166	90	504	42.59	11,833	90	81	118		289	24.42
Montana	2,356	21	33	28	28	110	46.69	2,356	53	27	24		104	44.14
Nebraska	5,495	41	51	38	16	146	26.57	5,495	29	31	32		92	16.74
Nevada	9,103	39	61	58	47	205	22.52	9,103	83	64	55		202	22.19
New Hampshire	2,827	23	41	31	18	113	39.97	2,827	23	25	29		77	27.24
New Jersey	18,019	121	108	112	73	414	22.98	18,019	84	101	131		316	17.54
New Mexico	3,176	69	54	66	68	257	80.92	3,176	88	38	55		181	56.99
New York	29,667	247	143	139	133	662	22.31	29,667	119	136	114		369	12.44
North Carolina	17,971	143	142	151	121	557	30.99	17,971	131	104	148		383	21.31
North Dakota	2,251	10	34	22	19	85	37.76	2,251	24	15	18		57	25.32
Ohio	22,283	176	187	145	172	680	30.52	22,283	188	145	178		511	22.93
Oklahoma	8,150	34	92	93	53	272	33.37	8,150	69	55	66		190	23.31
Oregon	8,428	149	136	85	75	445	52.80	8,428	81	72	93		246	29.19
Pennsylvania	24,708	159	208	121	144	632	25.58	24,708	146	133	163		442	17.89
Puerto Rico	5,340	8	6	8	5	27	5.06	5,340	3	2	1		6	1.12
Rhode Island	2,185	15	60	35	37	147	67.28	2,185	51	32	41		124	56.75
South Carolina	9,616	54	65	40	33	192	19.97	9,616	53	48	44		145	15.08
South Dakota	2,195	14	11	9	16	50	22.78	2,195	12	18	30		60	27.33
Tennessee	12,556	71	89	77	62	299	23.81	12,556	63	67	77		207	16.49
Texas	36,154	289	348	426	301	1,364	37.73	36,154	322	362	417		1,101	30.45
Utah	4,257	33	48	56	43	180	42.28	4,257	42	45	34		121	28.42
Vermont	14,661	12	24	16	10	62	4.23	14,661	13	12	9		34	2.32
Virginia	16,079	112	123	115	105	455	28.30	16,079	137	97	105		339	21.08
Washington	11,274	156	162	93	64	475	42.13	11,274	90	126	112		328	29.09
West Virginia	6,149	38	24	20	9	91	14.80	6,149	10	12	22		44	7.16
Wisconsin	8,942	87	101	114	61	363	40.59	8,942	69	66	149		284	31.76
Wyoming	1,483	23	23	30	15	91	61.36	1,483	5	1	12		18	12.14

# Pharmacy Demand Report (PDR)

## Clinical Pharmacist

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

2023		2024			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Chicago-Naperville-Elgin, IL-IN-WI	652	Chicago-Naperville-Elgin, IL-IN-WI	141	New York-Newark-Jersey City, NY-NJ-PA	140
New York-Newark-Jersey City, NY-NJ-PA	593	New York-Newark-Jersey City, NY-NJ-PA	130	Chicago-Naperville-Elgin, IL-IN-WI	107
San Francisco-Oakland-Berkeley, CA	565	Boston-Cambridge-Newton, MA-NH	111	Houston-The Woodlands-Sugar Land, TX	104
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	482	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	96	Boston-Cambridge-Newton, MA-NH	99
Los Angeles-Long Beach-Anaheim, CA	464	Miami-Fort Lauderdale-Pompano Beach, FL	86	Dallas-Fort Worth-Arlington, TX	92
Boston-Cambridge-Newton, MA-NH	456	Dallas-Fort Worth-Arlington, TX	84	Washington-Arlington-Alexandria, DC-VA-MD-WV	87
Baltimore-Columbia-Towson, MD	365	Washington-Arlington-Alexandria, DC-VA-MD-WV	83	Miami-Fort Lauderdale-Pompano Beach, FL	86
Sacramento-Roseville-Folsom, CA	363	Los Angeles-Long Beach-Anaheim, CA	76	Los Angeles-Long Beach-Anaheim, CA	82
Miami-Fort Lauderdale-Pompano Beach, FL	359	Houston-The Woodlands-Sugar Land, TX	74	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	80
Washington-Arlington-Alexandria, DC-VA-MD-WV	345	Phoenix-Mesa-Chandler, AZ	71	Baltimore-Columbia-Towson, MD	73
Phoenix-Mesa-Chandler, AZ	334	Baltimore-Columbia-Towson, MD	69	Seattle-Tacoma-Bellevue, WA	63
Houston-The Woodlands-Sugar Land, TX	330	Cleveland-Elyria, OH	69	San Francisco-Oakland-Berkeley, CA	61
Dallas-Fort Worth-Arlington, TX	309	San Francisco-Oakland-Berkeley, CA	64	Atlanta-Sandy Springs-Alpharetta, GA	54
Kansas City, MO-KS	246	Tampa-St. Petersburg-Clearwater, FL	55	Cleveland-Elyria, OH	52
Atlanta-Sandy Springs-Alpharetta, GA	241	Seattle-Tacoma-Bellevue, WA	54	San Antonio-New Braunfels, TX	51
Orlando-Kissimmee-Sanford, FL	236	Virginia Beach-Norfolk-Newport News, VA-NC	54	Orlando-Kissimmee-Sanford, FL	49
Cleveland-Elyria, OH	219	Las Vegas-Henderson-Paradise, NV	53	Tampa-St. Petersburg-Clearwater, FL	49
Denver-Aurora-Lakewood, CO	215	Orlando-Kissimmee-Sanford, FL	48	Denver-Aurora-Lakewood, CO	46
Seattle-Tacoma-Bellevue, WA	206	San Antonio-New Braunfels, TX	48	Phoenix-Mesa-Chandler, AZ	45
Tampa-St. Petersburg-Clearwater, FL	197	Providence-Warwick, RI-MA	46	Las Vegas-Henderson-Paradise, NV	42
St. Louis, MO-IL	195	Denver-Aurora-Lakewood, CO	43	Charlotte-Concord-Gastonia, NC-SC	40
San Antonio-New Braunfels, TX	194	Albuquerque, NM	42	St. Louis, MO-IL	40
Cincinnati, OH-KY-IN	185	Cincinnati, OH-KY-IN	42	Detroit-Warren-Dearborn, MI	37
Minneapolis-St. Paul-Bloomington, MN-WI	179	Portland-Vancouver-Hillsboro, OR-WA	42	Minneapolis-St. Paul-Bloomington, MN-WI	37
Charlotte-Concord-Gastonia, NC-SC	159	Detroit-Warren-Dearborn, MI	40	Albany-Schenectady-Troy, NY	36
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	158		
		Boston-Cambridge-Newton, MA-NH	125		
		Chicago-Naperville-Elgin, IL-IN-WI	119		
		Los Angeles-Long Beach-Anaheim, CA	115		
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	107		
		Dallas-Fort Worth-Arlington, TX	100		
		Minneapolis-St. Paul-Bloomington, MN-WI	100		
		Miami-Fort Lauderdale-Pompano Beach, FL	90		
		Atlanta-Sandy Springs-Alpharetta, GA	89		
		Washington-Arlington-Alexandria, DC-VA-MD-WV	89		
		San Francisco-Oakland-Berkeley, CA	83		
		San Antonio-New Braunfels, TX	78		
		Baltimore-Columbia-Towson, MD	76		
		Phoenix-Mesa-Chandler, AZ	73		
		Denver-Aurora-Lakewood, CO	72		
		Houston-The Woodlands-Sugar Land, TX	71		
		Cleveland-Elyria, OH	62		
		Orlando-Kissimmee-Sanford, FL	51		
		St. Louis, MO-IL	49		
		Indianapolis-Carmel-Anderson, IN	45		
		Milwaukee-Waukesha, WI	45		
		Tampa-St. Petersburg-Clearwater, FL	45		
		Charlotte-Concord-Gastonia, NC-SC	43		
		Nashville-Davidson--Murfreesboro--Franklin, TN	42		
		Providence-Warwick, RI-MA	42		

# Pharmacy Demand Report (PDR)

## Hospital Pharmacist

### Job Postings Per State

State/Territory	2023							2024						
	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024
Alabama	9,606	22	25	33	23	103	47.14	9,606	17	22	24		63	28.83
Alaska	1,095	2	7	9	14	32	29.22	1,095	9	5	11		25	22.83
Arizona	12,051	40	65	42	32	179	14.85	12,051	60	82	59		201	16.68
Arkansas	6,948	22	22	24	21	89	12.81	6,948	28	17	22		67	9.64
California	49,597	379	449	180	144	1,152	23.23	49,597	156	253	272		681	13.73
Colorado	8,874	20	28	21	35	104	11.72	8,874	40	44	58		142	16.00
Connecticut	5,545	23	29	27	30	109	19.66	5,545	19	20	20		59	10.64
Delaware	2,396	6	5	6	29	46	19.20	2,396	33	23	11		67	27.96
District of Columbia	2,036	3	4	3	1	11	5.40	2,036	4	8	5		17	8.35
Florida	35,824	61	83	59	75	278	7.76	35,824	103	90	129		322	8.99
Georgia	15,216	30	33	35	33	131	8.61	15,216	36	41	48		125	8.22
Hawaii	2,451	1	3	9	2	15	6.12	2,451	5	5	13		23	9.38
Idaho	3,911	24	12	23	12	71	18.15	3,911	12	18	27		57	14.57
Illinois	21,122	32	52	37	43	164	7.76	21,122	37	53	73		163	7.72
Indiana	11,497	26	57	59	55	197	17.13	11,497	75	62	63		200	17.40
Iowa	6,472	18	21	14	14	67	10.35	6,472	19	20	32		71	10.97
Kansas	8,235	14	10	9	11	44	5.34	8,235	9	7	10		26	3.16
Kentucky	10,939	26	33	30	22	111	10.15	10,939	67	55	56		178	16.27
Louisiana	9,572	21	85	25	35	166	17.34	9,572	30	32	33		95	9.92
Maine	2,343	52	17	31	7	107	45.67	2,343	10	8	6		24	10.24
Maryland	12,654	29	20	21	18	88	6.95	12,654	38	34	27		99	7.82
Massachusetts	13,873	35	47	36	27	145	10.45	13,873	18	42	63		123	8.87
Michigan	17,395	43	33	47	40	163	9.37	17,395	58	55	56		169	9.72
Minnesota	9,354	19	27	15	20	81	8.66	9,354	17	18	35		70	7.48
Mississippi	6,789	5	5	4	5	19	2.80	6,789	12	9	18		39	5.74
Missouri	11,833	38	55	55	36	184	15.55	11,833	33	50	40		123	10.39
Montana	2,356	10	9	17	27	63	26.74	2,356	16	13	22		51	21.65
Nebraska	5,495	10	28	9	4	51	9.28	5,495	6	11	15		32	5.82
Nevada	9,103	9	38	18	43	108	11.86	9,103	19	35	36		90	9.89
New Hampshire	2,827	18	11	6	5	40	14.15	2,827	20	12	15		47	16.63
New Jersey	18,019	72	81	70	56	279	15.48	18,019	50	93	75		218	12.10
New Mexico	3,176	24	33	19	32	108	34.01	3,176	38	35	22		95	29.91
New York	29,667	93	116	107	106	422	14.22	29,667	82	94	100		276	9.30
North Carolina	17,971	38	82	50	41	211	11.74	17,971	62	64	70		196	10.91
North Dakota	2,251	15	5	7	2	29	12.88	2,251	23	16	10		49	21.77
Ohio	22,283	84	132	87	79	382	17.14	22,283	88	95	93		276	12.39
Oklahoma	8,150	31	28	59	43	161	19.75	8,150	33	41	41		115	14.11
Oregon	8,428	17	29	15	15	76	9.02	8,428	44	25	25		94	11.15
Pennsylvania	24,708	61	69	66	75	271	10.97	24,708	102	95	127		324	13.11
Puerto Rico	5,340	1	10	3	12	26	4.87	5,340	5	9	4		18	3.37
Rhode Island	2,185	4	4	3	16	27	12.36	2,185	11	5	11		27	12.36
South Carolina	9,616	18	26	24	19	87	9.05	9,616	24	29	39		92	9.57
South Dakota	2,195	2	5	10	7	24	10.93	2,195	9	9	11		29	13.21
Tennessee	12,556	19	28	28	19	94	7.49	12,556	49	31	53		133	10.59
Texas	36,154	106	137	144	117	504	13.94	36,154	123	149	195		467	12.92
Utah	4,257	4	4	3	9	20	4.70	4,257	13	13	4		30	7.05
Vermont	14,661	1	2	0	0	3	0.20	14,661	5	8	11		24	1.64
Virginia	16,079	24	34	25	22	105	6.53	16,079	54	39	47		140	8.71
Washington	11,274	22	38	18	56	134	11.89	11,274	55	52	73		180	15.97
West Virginia	6,149	18	19	15	8	60	9.76	6,149	20	8	15		43	6.99
Wisconsin	8,942	54	37	42	25	158	17.67	8,942	66	64	48		178	19.91
Wyoming	1,483	5	6	21	10	42	28.32	1,483	10	1	3		14	9.44

# Pharmacy Demand Report (PDR)

## Hospital Pharmacist

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

2023		2024			
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	630	New York-Newark-Jersey City, NY-NJ-PA	100	New York-Newark-Jersey City, NY-NJ-PA	114
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	203	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	75	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	83
San Francisco-Oakland-Berkeley, CA	188	Pittsburgh, PA	41	Los Angeles-Long Beach-Anaheim, CA	79
Los Angeles-Long Beach-Anaheim, CA	186	Los Angeles-Long Beach-Anaheim, CA	35	Chicago-Naperville-Elgin, IL-IN-WI	41
Houston-The Woodlands-Sugar Land, TX	164	Houston-The Woodlands-Sugar Land, TX	33	Houston-The Woodlands-Sugar Land, TX	38
Chicago-Naperville-Elgin, IL-IN-WI	157	Indianapolis-Carmel-Anderson, IN	30	San Francisco-Oakland-Berkeley, CA	36
Sacramento-Roseville-Folsom, CA	128	Seattle-Tacoma-Bellevue, WA	30	Louisville/Jefferson County, KY-IN	35
Seattle-Tacoma-Bellevue, WA	120	Chicago-Naperville-Elgin, IL-IN-WI	28	Tucson, AZ	35
Boston-Cambridge-Newton, MA-NH	109	San Diego-Chula Vista-Carlsbad, CA	27	Seattle-Tacoma-Bellevue, WA	34
Oklahoma City, OK	108	Lexington-Fayette, KY	26	Miami-Fort Lauderdale-Pompano Beach, FL	32
Dallas-Fort Worth-Arlington, TX	104	Columbus, OH	25	Boston-Cambridge-Newton, MA-NH	30
Cleveland-Elyria, OH	98	Sacramento-Roseville-Folsom, CA	25	San Diego-Chula Vista-Carlsbad, CA	30
Columbus, OH	98	Miami-Fort Lauderdale-Pompano Beach, FL	24	Dallas-Fort Worth-Arlington, TX	29
Phoenix-Mesa-Chandler, AZ	92	Cincinnati, OH-KY-IN	23	Milwaukee-Waukesha, WI	28
Atlanta-Sandy Springs-Alpharetta, GA	91	Virginia Beach-Norfolk-Newport News, VA-NC	23	Columbus, OH	27
San Diego-Chula Vista-Carlsbad, CA	86	Washington-Arlington-Alexandria, DC-VA-MD-WV	23	St. Louis, MO-IL	26
St. Louis, MO-IL	81	Atlanta-Sandy Springs-Alpharetta, GA	22	Pittsburgh, PA	25
Las Vegas-Henderson-Paradise, NV	79	Phoenix-Mesa-Chandler, AZ	20	Cincinnati, OH-KY-IN	23
Pittsburgh, PA	78	Tucson, AZ	20	Denver-Aurora-Lakewood, CO	23
Cincinnati, OH-KY-IN	75	Denver-Aurora-Lakewood, CO	19	Phoenix-Mesa-Chandler, AZ	23
Milwaukee-Waukesha, WI	72	Asheville, NC	18	Riverside-San Bernardino-Ontario, CA	23
Miami-Fort Lauderdale-Pompano Beach, FL	71	New Orleans-Metairie, LA	18	Washington-Arlington-Alexandria, DC-VA-MD-WV	22
Kansas City, MO-KS	70	San Francisco-Oakland-Berkeley, CA	18	Albuquerque, NM	21
Baltimore-Columbia-Towson, MD	64	Battle Creek, MI	17	Asheville, NC	20
Albuquerque, NM	61	Boston-Cambridge-Newton, MA-NH	17	Atlanta-Sandy Springs-Alpharetta, GA	20
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	119		
		Los Angeles-Long Beach-Anaheim, CA	76		
		Chicago-Naperville-Elgin, IL-IN-WI	64		
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	57		
		Dallas-Fort Worth-Arlington, TX	49		
		Seattle-Tacoma-Bellevue, WA	47		
		Houston-The Woodlands-Sugar Land, TX	43		
		Boston-Cambridge-Newton, MA-NH	42		
		Miami-Fort Lauderdale-Pompano Beach, FL	40		
		Denver-Aurora-Lakewood, CO	35		
		Phoenix-Mesa-Chandler, AZ	32		
		Pittsburgh, PA	32		
		Austin-Round Rock-Georgetown, TX	31		
		Louisville/Jefferson County, KY-IN	30		
		Atlanta-Sandy Springs-Alpharetta, GA	29		
		San Francisco-Oakland-Berkeley, CA	29		
		Columbus, OH	26		
		Detroit-Warren-Dearborn, MI	26		
		Nashville-Davidson--Murfreesboro--Franklin, TN	26		
		Washington-Arlington-Alexandria, DC-VA-MD-WV	26		
		San Diego-Chula Vista-Carlsbad, CA	25		
		Asheville, NC	22		
		Indianapolis-Carmel-Anderson, IN	21		
		New Orleans-Metairie, LA	21		
		Sacramento-Roseville-Folsom, CA	21		



# Pharmacy Demand Report (PDR)

## Other Pharmacist Occupations

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

### Job Postings Per State

State/Territory	2023							2024						
	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024
Alabama	9,606	7	7	7	14	35	3.64	9,606	15	14	10		39	4.06
Alaska	1,095	2	7	15	4	28	25.57	1,095	6	0	1		7	6.39
Arizona	12,051	45	35	41	34	155	12.86	12,051	25	46	41		112	9.29
Arkansas	6,948	7	13	6	17	43	6.19	6,948	19	7	5		31	4.46
California	49,597	315	177	104	162	758	15.28	49,597	148	127	118		393	7.92
Colorado	8,874	17	30	21	13	81	9.13	8,874	16	10	15		41	4.62
Connecticut	5,545	11	37	23	15	86	15.51	5,545	23	10	13		46	8.30
Delaware	2,396	6	6	3	4	19	7.93	2,396	7	6	2		15	6.26
District of Columbia	2,036	12	3	3	5	23	11.30	2,036	8	9	5		22	10.81
Florida	35,824	72	117	72	36	297	8.29	35,824	78	63	68		209	5.83
Georgia	15,216	41	36	63	20	160	10.52	15,216	27	21	15		63	4.14
Hawaii	2,451	5	8	8	11	32	13.06	2,451	7	2	4		13	5.30
Idaho	3,911	10	3	14	8	35	8.95	3,911	15	2	4		21	5.37
Illinois	21,122	37	67	85	36	225	10.65	21,122	48	24	32		104	4.92
Indiana	11,497	21	45	31	28	125	10.87	11,497	57	34	20		111	9.65
Iowa	6,472	11	8	13	6	38	5.87	6,472	19	2	3		24	3.71
Kansas	8,235	22	8	11	14	55	6.68	8,235	8	5	14		27	3.28
Kentucky	10,939	8	20	27	26	81	7.40	10,939	104	35	27		166	15.18
Louisiana	9,572	34	16	85	8	143	14.94	9,572	57	15	12		84	8.78
Maine	2,343	4	6	8	3	21	8.96	2,343	6	6	4		16	6.83
Maryland	12,654	35	23	71	24	153	12.09	12,654	21	10	11		42	3.32
Massachusetts	13,873	36	50	45	57	188	13.55	13,873	36	17	31		84	6.05
Michigan	17,395	20	18	37	26	101	5.81	17,395	13	14	5		32	1.84
Minnesota	9,354	16	43	31	21	111	11.87	9,354	18	30	26		74	7.91
Mississippi	6,789	1	1	6	4	12	1.77	6,789	6	7	4		17	2.50
Missouri	11,833	20	22	10	14	66	5.58	11,833	19	12	18		49	4.14
Montana	2,356	4	14	6	6	30	12.73	2,356	8	8	7		23	9.76
Nebraska	5,495	2	8	2	6	18	3.28	5,495	7	13	14		34	6.19
Nevada	9,103	2	12	4	10	28	3.08	9,103	11	11	7		29	3.19
New Hampshire	2,827	9	6	9	2	26	9.20	2,827	6	13	10		29	10.26
New Jersey	18,019	18	38	35	55	146	8.10	18,019	35	56	29		120	6.66
New Mexico	3,176	9	24	12	7	52	16.37	3,176	18	18	9		45	14.17
New York	29,667	68	130	178	88	464	15.64	29,667	48	59	75		182	6.13
North Carolina	17,971	42	54	79	114	289	16.08	17,971	48	38	55		141	7.85
North Dakota	2,251	1	48	12	3	64	28.43	2,251	1	2	15		18	8.00
Ohio	22,283	21	33	57	65	176	7.90	22,283	89	33	34		156	7.00
Oklahoma	8,150	19	48	50	71	188	23.07	8,150	21	12	10		43	5.28
Oregon	8,428	17	23	13	17	70	8.31	8,428	17	22	21		60	7.12
Pennsylvania	24,708	65	79	53	139	336	13.60	24,708	37	33	281		351	14.21
Puerto Rico	5,340	3	2	3	6	14	2.62	5,340	3	2	10		15	2.81
Rhode Island	2,185	3	5	9	8	25	11.44	2,185	8	6	13		27	12.36
South Carolina	9,616	6	8	21	13	48	4.99	9,616	23	12	13		48	4.99
South Dakota	2,195	6	18	7	8	39	17.77	2,195	9	6	6		21	9.57
Tennessee	12,556	22	19	19	39	99	7.88	12,556	40	11	10		61	4.86
Texas	36,154	72	101	210	96	479	13.25	36,154	96	106	109		311	8.60
Utah	4,257	2	8	5	5	20	4.70	4,257	7	13	5		25	5.87
Vermont	14,661	1	2	4	4	11	0.75	14,661	5	0	1		6	0.41
Virginia	16,079	28	37	35	40	140	8.71	16,079	32	42	42		116	7.21
Washington	11,274	29	39	28	35	131	11.62	11,274	23	27	50		100	8.87
West Virginia	6,149	4	10	8	4	26	4.23	6,149	14	8	17		39	6.34
Wisconsin	8,942	49	33	17	25	124	13.87	8,942	26	12	14		52	5.82
Wyoming	1,483	1	3	12	3	19	12.81	1,483	2	1	0		3	2.02



# 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)

2023		2024			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA	358	Louisville/Jefferson County, KY-IN	122	New York-Newark-Jersey City, NY-NJ-PA	83
New York-Newark-Jersey City, NY-NJ-PA	352	Los Angeles-Long Beach-Anaheim, CA	60	Los Angeles-Long Beach-Anaheim, CA	51
Boston-Cambridge-Newton, MA-NH	150	New York-Newark-Jersey City, NY-NJ-PA	56	Dallas-Fort Worth-Arlington, TX	33
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	147	New Orleans-Metairie, LA	44	Phoenix-Mesa-Chandler, AZ	33
Chicago-Naperville-Elgin, IL-IN-WI	145	Cincinnati, OH-KY-IN	37	Minneapolis-St. Paul-Bloomington, MN-WI	30
Houston-The Woodlands-Sugar Land, TX	124	Chicago-Naperville-Elgin, IL-IN-WI	35	Washington-Arlington-Alexandria, DC-VA-MD-WV	30
San Antonio-New Braunfels, TX	122	Washington-Arlington-Alexandria, DC-VA-MD-WV	35	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	25
Washington-Arlington-Alexandria, DC-VA-MD-WV	104	Boston-Cambridge-Newton, MA-NH	30	Miami-Fort Lauderdale-Pompano Beach, FL	24
Cincinnati, OH-KY-IN	98	San Francisco-Oakland-Berkeley, CA	28	Boston-Cambridge-Newton, MA-NH	22
Baltimore-Columbia-Towson, MD	94	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	27	Louisville/Jefferson County, KY-IN	21
Phoenix-Mesa-Chandler, AZ	91	Tampa-St. Petersburg-Clearwater, FL	27	Houston-The Woodlands-Sugar Land, TX	17
Dallas-Fort Worth-Arlington, TX	89	Dallas-Fort Worth-Arlington, TX	26	Riverside-San Bernardino-Ontario, CA	17
Syracuse, NY	87	Knoxville, TN	20	Atlanta-Sandy Springs-Alpharetta, GA	16
Tulsa, OK	86	Austin-Round Rock-Georgetown, TX	19	Pittsburgh, PA	16
Riverside-San Bernardino-Ontario, CA	85	Miami-Fort Lauderdale-Pompano Beach, FL	18	Cleveland-Elyria, OH	15
San Francisco-Oakland-Berkeley, CA	83	Orlando-Kissimmee-Sanford, FL	18	Tampa-St. Petersburg-Clearwater, FL	15
Oklahoma City, OK	79	Oklahoma City, OK	16	Albuquerque, NM	14
Charlotte-Concord-Gastonia, NC-SC	77	Phoenix-Mesa-Chandler, AZ	16	San Francisco-Oakland-Berkeley, CA	14
Atlanta-Sandy Springs-Alpharetta, GA	75	San Diego-Chula Vista-Carlsbad, CA	16	Austin-Round Rock-Georgetown, TX	13
Miami-Fort Lauderdale-Pompano Beach, FL	75	Charlotte-Concord-Gastonia, NC-SC	15	Cincinnati, OH-KY-IN	13
Sacramento-Roseville-Folsom, CA	74	Portland-Vancouver-Hillsboro, OR-WA	15	Portland-Vancouver-Hillsboro, OR-WA	13
New Orleans-Metairie, LA	66	Akron, OH	13	Carbondale-Marion, IL	12
Raleigh-Cary, NC	66	Albuquerque, NM	13	South Bend-Mishawaka, IN-MI	12
Minneapolis-St. Paul-Bloomington, MN-WI	65	Boise City, ID	13	Orlando-Kissimmee-Sanford, FL	10
Indianapolis-Carmel-Anderson, IN	60	Cleveland-Elyria, OH	13	Raleigh-Cary, NC	10
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		Scranton--Wilkes-Barre, PA	151		
		New York-Newark-Jersey City, NY-NJ-PA	67		
		Los Angeles-Long Beach-Anaheim, CA	46		
		Dallas-Fort Worth-Arlington, TX	40		
		East Stroudsburg, PA	36		
		Washington-Arlington-Alexandria, DC-VA-MD-WV	33		
		Allentown-Bethlehem-Easton, PA-NJ	31		
		Miami-Fort Lauderdale-Pompano Beach, FL	30		
		Seattle-Tacoma-Bellevue, WA	29		
		Phoenix-Mesa-Chandler, AZ	27		
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	25		
		Boston-Cambridge-Newton, MA-NH	22		
		Minneapolis-St. Paul-Bloomington, MN-WI	22		
		Austin-Round Rock-Georgetown, TX	21		
		Cincinnati, OH-KY-IN	20		
		Providence-Warwick, RI-MA	18		
		Portland-Vancouver-Hillsboro, OR-WA	17		
		Chicago-Naperville-Elgin, IL-IN-WI	16		
		Raleigh-Cary, NC	13		
		Virginia Beach-Norfolk-Newport News, VA-NC	13		
		Atlanta-Sandy Springs-Alpharetta, GA	12		
		Hartford-East Hartford-Middletown, CT	12		
		Indianapolis-Carmel-Anderson, IN	12		
		Omaha-Council Bluffs, NE-IA	12		
		Riverside-San Bernardino-Ontario, CA	12		

# Pharmacy Demand Report (PDR)

## Pharmacy Director

### Job Postings Per State

State/Territory	2023							2024						
	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024
Alabama	9,606	9	7	13	13	42	4.37	9,606	13	12	21		46	4.79
Alaska	1,095	1	3	3	8	15	13.70	1,095	8	16	7		31	28.31
Arizona	12,051	36	35	19	32	122	10.12	12,051	24	25	26		75	6.22
Arkansas	6,948	16	18	7	10	51	7.34	6,948	7	11	9		27	3.89
California	49,597	136	111	99	84	430	8.67	49,597	94	74	86		254	5.12
Colorado	8,874	6	17	16	7	46	5.18	8,874	14	12	25		51	5.75
Connecticut	5,545	11	6	3	11	31	5.59	5,545	8	8	11		27	4.87
Delaware	2,396	2	3	1	5	11	4.59	2,396	3	5	6		14	5.84
District of Columbia	2,036	6	9	8	0	23	11.30	2,036	1	6	11		18	8.84
Florida	35,824	71	36	56	46	209	5.83	35,824	55	44	65		164	4.58
Georgia	15,216	10	23	19	16	68	4.47	15,216	31	20	38		89	5.85
Hawaii	2,451	3	3	0	1	7	2.86	2,451	4	3	2		9	3.67
Idaho	3,911	19	9	13	15	56	14.32	3,911	16	20	18		54	13.81
Illinois	21,122	25	30	31	48	134	6.34	21,122	21	25	41		87	4.12
Indiana	11,497	43	26	37	9	115	10.00	11,497	22	14	30		66	5.74
Iowa	6,472	7	10	5	7	29	4.48	6,472	8	14	9		31	4.79
Kansas	8,235	10	22	11	14	57	6.92	8,235	8	6	9		23	2.79
Kentucky	10,939	20	17	22	28	87	7.95	10,939	30	24	16		70	6.40
Louisiana	9,572	36	21	12	4	73	7.63	9,572	7	15	12		34	3.55
Maine	2,343	4	5	3	6	18	7.68	2,343	5	4	14		23	9.82
Maryland	12,654	15	20	10	17	62	4.90	12,654	6	14	7		27	2.13
Massachusetts	13,873	31	32	18	42	123	8.87	13,873	36	15	27		78	5.62
Michigan	17,395	18	14	39	23	94	5.40	17,395	21	19	21		61	3.51
Minnesota	9,354	14	14	10	12	50	5.35	9,354	12	10	21		43	4.60
Mississippi	6,789	6	5	10	4	25	3.68	6,789	8	10	6		24	3.54
Missouri	11,833	20	18	18	24	80	6.76	11,833	10	15	18		43	3.63
Montana	2,356	2	13	36	27	78	33.11	2,356	4	7	5		16	6.79
Nebraska	5,495	3	6	7	10	26	4.73	5,495	5	15	14		34	6.19
Nevada	9,103	21	10	13	11	55	6.04	9,103	18	16	32		66	7.25
New Hampshire	2,827	8	4	18	36	66	23.35	2,827	36	12	9		57	20.16
New Jersey	18,019	17	24	8	8	57	3.16	18,019	25	18	27		70	3.88
New Mexico	3,176	21	18	15	15	69	21.73	3,176	22	19	19		60	18.89
New York	29,667	25	32	35	32	124	4.18	29,667	40	38	28		106	3.57
North Carolina	17,971	18	14	21	8	61	3.39	17,971	23	27	51		101	5.62
North Dakota	2,251	10	5	6	4	25	11.11	2,251	4	2	3		9	4.00
Ohio	22,283	31	32	26	43	132	5.92	22,283	53	39	61		153	6.87
Oklahoma	8,150	17	18	33	10	78	9.57	8,150	12	14	11		37	4.54
Oregon	8,428	20	12	18	18	68	8.07	8,428	7	16	15		38	4.51
Pennsylvania	24,708	28	32	25	25	110	4.45	24,708	23	26	21		70	2.83
Puerto Rico	5,340	3	0	1	3	7	1.31	5,340	2	1	2		5	0.94
Rhode Island	2,185	3	8	3	2	16	7.32	2,185	18	17	12		47	21.51
South Carolina	9,616	14	30	23	7	74	7.70	9,616	12	18	11		41	4.26
South Dakota	2,195	12	7	3	4	26	11.85	2,195	10	7	9		26	11.85
Tennessee	12,556	27	44	24	26	121	9.64	12,556	24	38	49		111	8.84
Texas	36,154	103	97	122	105	427	11.81	36,154	115	96	113		324	8.96
Utah	4,257	10	6	5	9	30	7.05	4,257	5	10	6		21	4.93
Vermont	14,661	7	6	3	5	21	1.43	14,661	7	8	5		20	1.36
Virginia	16,079	17	23	23	13	76	4.73	16,079	24	26	32		82	5.10
Washington	11,274	15	10	8	24	57	5.06	11,274	22	16	15		53	4.70
West Virginia	6,149	9	12	11	31	63	10.25	6,149	11	7	7		25	4.07
Wisconsin	8,942	44	16	20	11	91	10.18	8,942	7	9	15		31	3.47
Wyoming	1,483	3	2	0	1	6	4.05	1,483	1	2	2		5	3.37

# Pharmacy Demand Report (PDR)

## Pharmacy Director

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

2023		2024			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA	145	New York-Newark-Jersey City, NY-NJ-PA	49	New York-Newark-Jersey City, NY-NJ-PA	41
Houston-The Woodlands-Sugar Land, TX	130	Los Angeles-Long Beach-Anaheim, CA	37	Dallas-Fort Worth-Arlington, TX	32
New York-Newark-Jersey City, NY-NJ-PA	130	Houston-The Woodlands-Sugar Land, TX	28	Los Angeles-Long Beach-Anaheim, CA	29
Dallas-Fort Worth-Arlington, TX	105	Dallas-Fort Worth-Arlington, TX	27	Houston-The Woodlands-Sugar Land, TX	24
Boston-Cambridge-Newton, MA-NH	95	San Antonio-New Braunfels, TX	24	San Antonio-New Braunfels, TX	18
San Antonio-New Braunfels, TX	84	Louisville/Jefferson County, KY-IN	23	Chicago-Naperville-Elgin, IL-IN-WI	17
Chicago-Naperville-Elgin, IL-IN-WI	83	Boston-Cambridge-Newton, MA-NH	20	Providence-Warwick, RI-MA	16
Billings, MT	73	Providence-Warwick, RI-MA	18	Boston-Cambridge-Newton, MA-NH	15
Phoenix-Mesa-Chandler, AZ	64	Seattle-Tacoma-Bellevue, WA	16	San Francisco-Oakland-Berkeley, CA	15
San Francisco-Oakland-Berkeley, CA	61	Chicago-Naperville-Elgin, IL-IN-WI	15	Nashville-Davidson--Murfreesboro--Franklin, TN	14
Washington-Arlington-Alexandria, DC-VA-MD-WV	60	Indianapolis-Carmel-Anderson, IN	15	Boise City, ID	13
Miami-Fort Lauderdale-Pompano Beach, FL	58	Miami-Fort Lauderdale-Pompano Beach, FL	15	Columbus, OH	13
Louisville/Jefferson County, KY-IN	53	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	15	Memphis, TN-MS-AR	13
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	47	Phoenix-Mesa-Chandler, AZ	15	Albuquerque, NM	12
Nashville-Davidson--Murfreesboro--Franklin, TN	43	San Francisco-Oakland-Berkeley, CA	15	Atlanta-Sandy Springs-Alpharetta, GA	12
Indianapolis-Carmel-Anderson, IN	42	Washington-Arlington-Alexandria, DC-VA-MD-WV	15	Louisville/Jefferson County, KY-IN	12
Atlanta-Sandy Springs-Alpharetta, GA	41	Cincinnati, OH-KY-IN	14	Miami-Fort Lauderdale-Pompano Beach, FL	12
Kansas City, MO-KS	40	Cleveland-Elyria, OH	14	Virginia Beach-Norfolk-Newport News, VA-NC	12
St. Louis, MO-IL	40	Columbus, OH	14	Baltimore-Columbia-Towson, MD	11
Milwaukee-Waukesha, WI	39	Las Vegas-Henderson-Paradise, NV	14	Des Moines-West Des Moines, IA	11
Orlando-Kissimmee-Sanford, FL	37	Atlanta-Sandy Springs-Alpharetta, GA	12	Phoenix-Mesa-Chandler, AZ	11
Tucson, AZ	37	Berlin, NH	12	Tucson, AZ	11
Columbus, OH	36	Boise City, ID	12	Washington-Arlington-Alexandria, DC-VA-MD-WV	11
Sacramento-Roseville-Folsom, CA	35	Stockton, CA	12	Lexington-Fayette, KY	10
Baltimore-Columbia-Towson, MD	33	Denver-Aurora-Lakewood, CO	11	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	10
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	41		
		Dallas-Fort Worth-Arlington, TX	35		
		Chicago-Naperville-Elgin, IL-IN-WI	27		
		Durham-Chapel Hill, NC	27		
		Los Angeles-Long Beach-Anaheim, CA	27		
		Cincinnati, OH-KY-IN	24		
		Boston-Cambridge-Newton, MA-NH	23		
		Nashville-Davidson--Murfreesboro--Franklin, TN	23		
		Columbus, OH	22		
		Denver-Aurora-Lakewood, CO	22		
		Houston-The Woodlands-Sugar Land, TX	22		
		Indianapolis-Carmel-Anderson, IN	22		
		Atlanta-Sandy Springs-Alpharetta, GA	21		
		Phoenix-Mesa-Chandler, AZ	20		
		Washington-Arlington-Alexandria, DC-VA-MD-WV	20		
		San Francisco-Oakland-Berkeley, CA	19		
		Minneapolis-St. Paul-Bloomington, MN-WI	18		
		Miami-Fort Lauderdale-Pompano Beach, FL	17		
		Elko, NV	16		
		Providence-Warwick, RI-MA	13		
		Orlando-Kissimmee-Sanford, FL	12		
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	12		
		Boise City, ID	11		
		Charlotte-Concord-Gastonia, NC-SC	11		
		St. Louis, MO-IL	10		

# Pharmacy Demand Report (PDR)

## Retail Pharmacist

### Job Postings Per State

State/Territory	2023							2024						
	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024
Alabama	9,606	152	152	198	148	650	67.67	9,606	133	153	132		418	43.51
Alaska	1,095	18	32	41	38	129	117.81	1,095	28	31	24		83	75.80
Arizona	12,051	276	217	227	322	1,042	86.47	12,051	317	339	282		938	77.84
Arkansas	6,948	90	80	107	86	363	52.25	6,948	110	120	91		321	46.20
California	49,597	1,329	969	1,226	661	4,185	84.38	49,597	680	626	730		2,036	41.05
Colorado	8,874	172	289	271	188	920	103.67	8,874	171	199	239		609	68.63
Connecticut	5,545	161	236	226	161	784	141.39	5,545	216	148	169		533	96.12
Delaware	2,396	46	65	65	88	264	110.18	2,396	61	45	39		145	60.52
District of Columbia	2,036	12	17	44	28	101	49.61	2,036	17	16	18		51	25.05
Florida	35,824	475	521	544	428	1,968	54.94	35,824	456	552	468		1,476	41.20
Georgia	15,216	277	235	309	232	1,053	69.20	15,216	242	258	245		745	48.96
Hawaii	2,451	19	25	34	37	115	46.92	2,451	38	34	57		129	52.63
Idaho	3,911	72	62	65	57	256	65.46	3,911	48	53	50		151	38.61
Illinois	21,122	338	370	418	378	1,504	71.21	21,122	362	382	401		1,445	54.21
Indiana	11,497	290	232	278	338	1,138	98.98	11,497	451	428	406		1,285	111.77
Iowa	6,472	80	129	92	141	442	68.29	6,472	163	81	114		358	55.32
Kansas	8,235	82	88	132	169	471	57.19	8,235	140	121	121		382	46.39
Kentucky	10,939	176	194	226	370	966	88.31	10,939	694	496	371		1,561	142.70
Louisiana	9,572	159	233	256	183	831	86.82	9,572	217	127	112		456	47.64
Maine	2,343	95	62	105	101	363	154.93	2,343	64	72	75		211	90.06
Maryland	12,654	199	216	265	162	842	66.54	12,654	178	149	164		491	38.80
Massachusetts	13,873	309	395	367	341	1,412	101.78	13,873	250	208	295		753	54.28
Michigan	17,395	188	153	223	195	759	43.63	17,395	151	219	144		514	29.55
Minnesota	9,354	174	178	255	184	791	84.56	9,354	228	402	220		850	90.87
Mississippi	6,789	53	88	122	101	364	53.62	6,789	103	91	96		290	42.72
Missouri	11,833	183	213	215	217	828	69.97	11,833	192	189	192		573	48.42
Montana	2,356	38	55	65	69	227	96.35	2,356	108	63	63		234	99.32
Nebraska	5,495	57	81	88	84	310	56.41	5,495	74	92	63		229	41.67
Nevada	9,103	41	66	66	72	245	26.91	9,103	62	64	77		203	22.30
New Hampshire	2,827	119	80	126	97	422	149.27	2,827	84	124	82		290	102.58
New Jersey	18,019	322	299	523	421	1,565	86.85	18,019	251	327	346		924	51.28
New Mexico	3,176	53	85	139	89	366	115.24	3,176	85	80	101		266	83.75
New York	29,667	428	426	588	358	1,800	60.67	29,667	317	360	419		1,096	36.94
North Carolina	17,971	308	354	441	312	1,415	78.74	17,971	316	424	396		1,136	63.21
North Dakota	2,251	25	40	29	24	118	52.42	2,251	20	36	19		75	33.32
Ohio	22,283	308	359	405	322	1,394	62.56	22,283	281	368	287		936	42.01
Oklahoma	8,150	141	217	221	198	777	95.34	8,150	157	173	124		454	55.71
Oregon	8,428	240	177	163	172	752	89.23	8,428	184	165	186		535	63.48
Pennsylvania	24,708	309	406	513	410	1,638	66.29	24,708	468	718	409		1,595	64.55
Puerto Rico	5,340	44	47	39	59	189	35.39	5,340	46	29	21		96	17.98
Rhode Island	2,185	42	30	60	38	170	77.80	2,185	49	46	33		128	58.58
South Carolina	9,616	180	133	194	188	695	mk	9,616	156	226	186		568	59.07
South Dakota	2,195	12	5	14	45	76	34.62	2,195	36	22	29		87	39.64
Tennessee	12,556	156	152	176	150	634	50.49	12,556	175	181	204		560	44.60
Texas	36,154	480	525	745	443	2,193	60.66	36,154	569	557	573		1,699	46.99
Utah	4,257	45	31	58	71	205	48.16	4,257	55	61	60		176	41.34
Vermont	14,661	43	55	50	25	173	11.80	14,661	23	31	48		102	6.96
Virginia	16,079	361	444	382	308	1,495	92.98	16,079	325	353	327		1,005	62.50
Washington	11,274	273	242	235	212	962	85.33	11,274	198	158	188		544	48.25
West Virginia	6,149	84	109	114	88	395	64.24	6,149	91	75	98		264	42.93
Wisconsin	8,942	174	221	355	230	980	109.60	8,942	338	319	253		910	101.77
Wyoming	1,483	37	38	27	12	114	76.87	1,483	10	20	25		55	37.09

# Pharmacy Demand Report (PDR)

## Retail Pharmacist

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

2023		2024			
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	1,700	Louisville/Jefferson County, KY-IN	524	New York-Newark-Jersey City, NY-NJ-PA	403
Boston-Cambridge-Newton, MA-NH	948	New York-Newark-Jersey City, NY-NJ-PA	330	Louisville/Jefferson County, KY-IN	395
Chicago-Naperville-Elgin, IL-IN-WI	847	Washington-Arlington-Alexandria, DC-VA-MD-WV	172	Phoenix-Mesa-Chandler, AZ	196
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	809	Chicago-Naperville-Elgin, IL-IN-WI	161	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	192
Washington-Arlington-Alexandria, DC-VA-MD-WV	767	Phoenix-Mesa-Chandler, AZ	160	Scranton--Wilkes-Barre, PA	191
Los Angeles-Long Beach-Anaheim, CA	729	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	159	Chicago-Naperville-Elgin, IL-IN-WI	185
Phoenix-Mesa-Chandler, AZ	563	Boston-Cambridge-Newton, MA-NH	157	Los Angeles-Long Beach-Anaheim, CA	160
Atlanta-Sandy Springs-Alpharetta, GA	457	Los Angeles-Long Beach-Anaheim, CA	142	Washington-Arlington-Alexandria, DC-VA-MD-WV	151
Louisville/Jefferson County, KY-IN	452	Dallas-Fort Worth-Arlington, TX	137	Boston-Cambridge-Newton, MA-NH	149
San Francisco-Oakland-Berkeley, CA	442	Minneapolis-St. Paul-Bloomington, MN-WI	120	Dallas-Fort Worth-Arlington, TX	128
Dallas-Fort Worth-Arlington, TX	438	Atlanta-Sandy Springs-Alpharetta, GA	99	Atlanta-Sandy Springs-Alpharetta, GA	119
Seattle-Tacoma-Bellevue, WA	416	Miami-Fort Lauderdale-Pompano Beach, FL	94	Houston-The Woodlands-Sugar Land, TX	108
Minneapolis-St. Paul-Bloomington, MN-WI	389	San Francisco-Oakland-Berkeley, CA	89	Miami-Fort Lauderdale-Pompano Beach, FL	106
Riverside-San Bernardino-Ontario, CA	386	Houston-The Woodlands-Sugar Land, TX	86	Minneapolis-St. Paul-Bloomington, MN-WI	104
Virginia Beach-Norfolk-Newport News, VA-NC	386	Indianapolis-Carmel-Anderson, IN	86	East Stroudsburg, PA	91
Houston-The Woodlands-Sugar Land, TX	376	Virginia Beach-Norfolk-Newport News, VA-NC	83	Milwaukee-Waukesha, WI	87
Baltimore-Columbia-Towson, MD	358	Pittsburgh, PA	82	Charlotte-Concord-Gastonia, NC-SC	85
Miami-Fort Lauderdale-Pompano Beach, FL	352	Seattle-Tacoma-Bellevue, WA	80	Indianapolis-Carmel-Anderson, IN	83
San Jose-Sunnyvale-Santa Clara, CA	339	Kansas City, MO-KS	78	St. Louis, MO-IL	82
Denver-Aurora-Lakewood, CO	338	Providence-Warwick, RI-MA	76	Orlando-Kissimmee-Sanford, FL	80
St. Louis, MO-IL	305	St. Louis, MO-IL	73	Virginia Beach-Norfolk-Newport News, VA-NC	78
Kansas City, MO-KS	304	Tampa-St. Petersburg-Clearwater, FL	72	Kansas City, MO-KS	76
Providence-Warwick, RI-MA	301	Charlotte-Concord-Gastonia, NC-SC	68	Riverside-San Bernardino-Ontario, CA	75
Portland-Vancouver-Hillsboro, OR-WA	283	Cincinnati, OH-KY-IN	68	San Francisco-Oakland-Berkeley, CA	75
Cincinnati, OH-KY-IN	278	Hartford-East Hartford-Middletown, CT	68	Allentown-Bethlehem-Easton, PA-NJ	73
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	471		
		Louisville/Jefferson County, KY-IN	355		
		Chicago-Naperville-Elgin, IL-IN-WI	242		
		Boston-Cambridge-Newton, MA-NH	213		
		Washington-Arlington-Alexandria, DC-VA-MD-WV	196		
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	184		
		Phoenix-Mesa-Chandler, AZ	165		
		Los Angeles-Long Beach-Anaheim, CA	151		
		Dallas-Fort Worth-Arlington, TX	133		
		Houston-The Woodlands-Sugar Land, TX	133		
		Minneapolis-St. Paul-Bloomington, MN-WI	122		
		Atlanta-Sandy Springs-Alpharetta, GA	117		
		Denver-Aurora-Lakewood, CO	112		
		San Francisco-Oakland-Berkeley, CA	109		
		Miami-Fort Lauderdale-Pompano Beach, FL	103		
		St. Louis, MO-IL	99		
		Riverside-San Bernardino-Ontario, CA	90		
		Indianapolis-Carmel-Anderson, IN	80		
		Baltimore-Columbia-Towson, MD	78		
		Milwaukee-Waukesha, WI	78		
		Columbus, OH	76		
		Charlotte-Concord-Gastonia, NC-SC	73		
		Pittsburgh, PA	73		
		Kansas City, MO-KS	70		
		Portland-Vancouver-Hillsboro, OR-WA	70		

# Pharmacy Demand Report (PDR)

## All Pharmacist Positions

(Excluding Pharmacy Technician)

### Job Postings Per State

State/Territory	2023							2024						
	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024	Number of Pharmacists Licensed (as of Oct. 2023)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024
Alabama	9,606	249	273	316	219	1,057	110.04	9,606	227	243	227	0	697	72.56
Alaska	1,095	39	61	93	89	282	257.53	1,095	70	74	68	0	212	193.61
Arizona	12,051	569	513	450	531	2,063	171.19	12,051	569	589	514	0	1,672	138.74
Arkansas	6,948	180	194	189	152	715	102.91	6,948	194	185	153	0	532	76.57
California	49,597	2,795	2,213	2,074	1,447	8,529	171.97	49,597	1,378	1,377	1,582	0	4,337	87.44
Colorado	8,874	332	495	391	309	1,527	172.08	8,874	323	345	436	0	1,104	124.41
Connecticut	5,545	271	420	376	284	1,351	243.64	5,545	350	241	273	0	864	155.82
Delaware	2,396	98	111	85	166	460	191.99	2,396	139	104	89	0	332	138.56
District of Columbia	2,036	73	87	104	65	329	161.59	2,036	65	75	85	0	225	110.51
Florida	35,824	1,038	1,063	1,050	846	3,997	111.57	35,824	981	1,003	1,042	0	3,026	84.47
Georgia	15,216	463	435	525	371	1,794	117.90	15,216	402	421	483	0	1,306	85.83
Hawaii	2,451	44	70	71	63	248	101.18	2,451	70	66	84	0	220	89.76
Idaho	3,911	171	168	185	120	644	164.66	3,911	135	147	133	0	415	106.11
Illinois	21,122	639	771	812	693	2,915	138.01	21,122	625	614	696	0	1,935	91.61
Indiana	11,497	490	444	498	519	1,951	169.70	11,497	702	632	626	0	1,960	170.48
Iowa	6,472	167	256	155	221	799	123.45	6,472	271	156	214	0	641	99.04
Kansas	8,235	218	225	245	268	956	116.09	8,235	212	183	197	0	592	71.89
Kentucky	10,939	311	335	365	519	1,530	139.87	10,939	969	688	532	0	2,189	200.11
Louisiana	9,572	350	506	436	284	1,576	164.65	9,572	380	246	225	0	851	88.91
Maine	2,343	203	116	172	133	624	266.33	2,343	136	134	127	0	397	169.44
Maryland	12,654	416	435	467	385	1,703	134.58	12,654	348	315	314	0	977	77.21
Massachusetts	13,873	590	745	645	642	2,622	189.00	13,873	510	421	574	0	1,505	108.48
Michigan	17,395	454	364	458	377	1,653	95.03	17,395	349	394	324	0	1,067	61.34
Minnesota	9,354	294	335	383	297	1,309	139.94	9,354	324	515	439	0	1,278	136.63
Mississippi	6,789	88	141	176	136	541	79.69	6,789	166	146	155	0	467	68.79
Missouri	11,833	397	420	464	381	1,662	140.45	11,833	344	347	386	0	1,077	91.02
Montana	2,356	75	124	152	157	508	215.62	2,356	189	118	121	0	428	181.66
Nebraska	5,495	113	174	144	120	551	100.27	5,495	121	162	138	0	421	76.62
Nevada	9,103	112	187	159	183	641	70.42	9,103	193	190	207	0	590	64.81
New Hampshire	2,827	177	142	190	158	667	235.94	2,827	169	186	145	0	500	176.87
New Jersey	18,019	550	550	748	613	2,461	136.58	18,019	445	595	608	0	1,648	91.46
New Mexico	3,176	176	214	251	211	852	268.26	3,176	251	190	206	0	647	203.72
New York	29,667	861	847	1,047	717	3,472	117.03	29,667	606	687	736	0	2,029	68.39
North Carolina	17,971	549	646	742	596	2,533	140.95	17,971	580	657	720	0	1,957	108.90
North Dakota	2,251	61	132	76	52	321	142.60	2,251	72	71	65	0	208	92.40
Ohio	22,283	620	743	720	681	2,764	124.04	22,283	699	680	653	0	2,032	91.19
Oklahoma	8,150	242	403	456	375	1,476	181.10	8,150	292	295	252	0	839	102.94
Oregon	8,428	443	377	294	297	1,411	167.42	8,428	333	300	340	0	973	115.45
Pennsylvania	24,708	622	794	778	793	2,987	120.89	24,708	776	1,005	1,001	0	2,782	112.60
Puerto Rico	5,340	59	65	54	85	263	49.25	5,340	59	43	38	0	140	26.22
Rhode Island	2,185	67	107	110	101	385	176.20	2,185	137	106	110	0	353	161.56
South Carolina	9,616	272	262	302	260	1,096	113.98	9,616	268	333	293	0	894	92.97
South Dakota	2,195	46	46	43	80	215	97.95	2,195	76	62	85	0	223	101.59
Tennessee	12,556	295	332	324	296	1,247	99.32	12,556	351	328	393	0	1,072	85.38
Texas	36,154	1,050	1,208	1,647	1,062	4,967	137.38	36,154	1,225	1,270	1,407	0	3,902	107.93
Utah	4,257	94	97	127	137	455	106.88	4,257	122	142	109	0	373	87.62
Vermont	14,661	64	89	73	44	270	18.42	14,661	53	59	74	0	186	12.69
Virginia	16,079	542	661	580	488	2,271	141.24	16,079	572	557	553	0	1,682	104.61
Washington	11,274	495	491	382	391	1,759	156.02	11,274	388	379	438	0	1,205	106.88
West Virginia	6,149	153	174	168	140	635	103.27	6,149	146	110	159	0	415	67.49
Wisconsin	8,942	408	408	548	352	1,716	191.90	8,942	506	470	479	0	1,455	162.72
Wyoming	1,483	69	72	90	41	272	183.41	1,483	28	25	42	0	95	64.06



## Pharmacy Demand Report (PDR)

### All Pharmacist Positions

(Excluding Pharmacy Technician)

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

2023		2024			
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	3,405	Louisville/Jefferson County, KY-IN	706	New York-Newark-Jersey City, NY-NJ-PA	781
Chicago-Naperville-Elgin, IL-IN-WI	1,884	New York-Newark-Jersey City, NY-NJ-PA	665	Louisville/Jefferson County, KY-IN	497
Los Angeles-Long Beach-Anaheim, CA	1,882	Chicago-Naperville-Elgin, IL-IN-WI	380	Los Angeles-Long Beach-Anaheim, CA	401
Boston-Cambridge-Newton, MA-NH	1,758	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	372	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	390
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,688	Los Angeles-Long Beach-Anaheim, CA	350	Chicago-Naperville-Elgin, IL-IN-WI	356
San Francisco-Oakland-Berkeley, CA	1,339	Boston-Cambridge-Newton, MA-NH	335	Boston-Cambridge-Newton, MA-NH	315
Washington-Arlington-Alexandria, DC-VA-MD-WV	1,320	Washington-Arlington-Alexandria, DC-VA-MD-WV	328	Dallas-Fort Worth-Arlington, TX	314
Phoenix-Mesa-Chandler, AZ	1,144	Dallas-Fort Worth-Arlington, TX	290	Phoenix-Mesa-Chandler, AZ	308
Houston-The Woodlands-Sugar Land, TX	1,124	Phoenix-Mesa-Chandler, AZ	282	Washington-Arlington-Alexandria, DC-VA-MD-WV	301
Dallas-Fort Worth-Arlington, TX	1,045	Miami-Fort Lauderdale-Pompano Beach, FL	237	Houston-The Woodlands-Sugar Land, TX	291
Miami-Fort Lauderdale-Pompano Beach, FL	915	Houston-The Woodlands-Sugar Land, TX	232	Miami-Fort Lauderdale-Pompano Beach, FL	260
Baltimore-Columbia-Towson, MD	914	San Francisco-Oakland-Berkeley, CA	214	Atlanta-Sandy Springs-Alpharetta, GA	221
Atlanta-Sandy Springs-Alpharetta, GA	905	Seattle-Tacoma-Bellevue, WA	193	Scranton-Wilkes-Barre, PA	213
Seattle-Tacoma-Bellevue, WA	831	Cincinnati, OH-KY-IN	184	San Francisco-Oakland-Berkeley, CA	201
Sacramento-Roseville-Folsom, CA	822	Atlanta-Sandy Springs-Alpharetta, GA	182	Minneapolis-St. Paul-Bloomington, MN-WI	191
Louisville/Jefferson County, KY-IN	719	Virginia Beach-Norfolk-Newport News, VA-NC	173	Seattle-Tacoma-Bellevue, WA	169
Kansas City, MO-KS	715	Minneapolis-St. Paul-Bloomington, MN-WI	172	Baltimore-Columbia-Towson, MD	167
Minneapolis-St. Paul-Bloomington, MN-WI	712	Tampa-St. Petersburg-Clearwater, FL	172	St. Louis, MO-IL	161
Denver-Aurora-Lakewood, CO	689	Pittsburgh, PA	171	Denver-Aurora-Lakewood, CO	155
Cincinnati, OH-KY-IN	665	Indianapolis-Carmel-Anderson, IN	164	Tampa-St. Petersburg-Clearwater, FL	152
Virginia Beach-Norfolk-Newport News, VA-NC	647	Providence-Warwick, RI-MA	158	Indianapolis-Carmel-Anderson, IN	151
St. Louis, MO-IL	646	Baltimore-Columbia-Towson, MD	152	Orlando-Kissimmee-Sanford, FL	151
Riverside-San Bernardino-Ontario, CA	642	Denver-Aurora-Lakewood, CO	150	Charlotte-Concord-Gastonia, NC-SC	148
Oklahoma City, OK	616	Orlando-Kissimmee-Sanford, FL	146	Cleveland-Elyria, OH	148
Cleveland-Elyria, OH	607	Cleveland-Elyria, OH	141	Pittsburgh, PA	144
Orlando-Kissimmee-Sanford, FL	602	St. Louis, MO-IL	137	Riverside-San Bernardino-Ontario, CA	137
San Jose-Sunnyvale-Santa Clara, CA	592	Kansas City, MO-KS	129	Cincinnati, OH-KY-IN	136
Portland-Vancouver-Hillsboro, OR-WA	565	Charlotte-Concord-Gastonia, NC-SC	128	Milwaukee-Waukesha, WI	131
San Antonio-New Braunfels, TX	560	Oklahoma City, OK	125	Virginia Beach-Norfolk-Newport News, VA-NC	131
Indianapolis-Carmel-Anderson, IN	526	New Orleans-Metairie, LA	124	Kansas City, MO-KS	120
Charlotte-Concord-Gastonia, NC-SC	519	Lexington-Fayette, KY	114	Providence-Warwick, RI-MA	118
Providence-Warwick, RI-MA	515	Columbus, OH	113	Detroit-Warren-Dearborn, MI	117
San Diego-Chula Vista-Carlsbad, CA	505	San Antonio-New Braunfels, TX	113	Oklahoma City, OK	116
Pittsburgh, PA	493	Portland-Vancouver-Hillsboro, OR-WA	112	Tucson, AZ	116
Detroit-Warren-Dearborn, MI	483	Riverside-San Bernardino-Ontario, CA	111	Portland-Vancouver-Hillsboro, OR-WA	114
Tampa-St. Petersburg-Clearwater, FL	474	New Haven-Milford, CT	109	Columbus, OH	112
Hartford-East Hartford-Middletown, CT	458	Hartford-East Hartford-Middletown, CT	106	San Diego-Chula Vista-Carlsbad, CA	109
Milwaukee-Waukesha, WI	450	Las Vegas-Henderson-Paradise, NV	106	San Antonio-New Braunfels, TX	105
New Orleans-Metairie, LA	445	Sacramento-Roseville-Folsom, CA	105	Las Vegas-Henderson-Paradise, NV	102
New Haven-Milford, CT	431	Milwaukee-Waukesha, WI	102	Nashville-Davidson--Murfreesboro--Franklin, TN	100
Columbus, OH	419	Detroit-Warren-Dearborn, MI	101	Austin-Round Rock-Georgetown, TX	97
Nashville-Davidson--Murfreesboro--Franklin, TN	383	San Diego-Chula Vista-Carlsbad, CA	100	Sacramento-Roseville-Folsom, CA	96
Tulsa, OK	371	Tucson, AZ	98	Albuquerque, NM	93
Las Vegas-Henderson-Paradise, NV	368	Albuquerque, NM	95	East Stroudsburg, PA	93
Richmond, VA	358	Nashville-Davidson--Murfreesboro--Franklin, TN	91	Raleigh-Cary, NC	92
Raleigh-Cary, NC	344	Austin-Round Rock-Georgetown, TX	85	Hartford-East Hartford-Middletown, CT	90
Albuquerque, NM	333	Bridgeport-Stamford-Norwalk, CT	84	Allentown-Bethlehem-Easton, PA-NJ	89
Boise City, ID	325	San Jose-Sunnyvale-Santa Clara, CA	78	Lexington-Fayette, KY	82
Austin-Round Rock-Georgetown, TX	308	Boise City, ID	72	Richmond, VA	80
Syracuse, NY	293	Little Rock-North Little Rock-Conway, AR	70	San Jose-Sunnyvale-Santa Clara, CA	73
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	856				
Chicago-Naperville-Elgin, IL-IN-WI	468				
Boston-Cambridge-Newton, MA-NH	425				
Louisville/Jefferson County, KY-IN	418				
Los Angeles-Long Beach-Anaheim, CA	415				
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	385				
Washington-Arlington-Alexandria, DC-VA-MD-WV	364				
Dallas-Fort Worth-Arlington, TX	357				
Phoenix-Mesa-Chandler, AZ	317				
Miami-Fort Lauderdale-Pompano Beach, FL	280				
Minneapolis-St. Paul-Bloomington, MN-WI	280				
Houston-The Woodlands-Sugar Land, TX	278				
Atlanta-Sandy Springs-Alpharetta, GA	268				
San Francisco-Oakland-Berkeley, CA	252				
Denver-Aurora-Lakewood, CO	248				
Seattle-Tacoma-Bellevue, WA	184				
Baltimore-Columbia-Towson, MD	183				
Scranton-Wilkes-Barre, PA	182				
Indianapolis-Carmel-Anderson, IN	180				
St. Louis, MO-IL	179				
Columbus, OH	164				
Austin-Round Rock-Georgetown, TX	150				
Providence-Warwick, RI-MA	145				
Cleveland-Elyria, OH	143				
Orlando-Kissimmee-Sanford, FL	142				
Portland-Vancouver-Hillsboro, OR-WA	142				
Milwaukee-Waukesha, WI	141				
Riverside-San Bernardino-Ontario, CA	141				
Cincinnati, OH-KY-IN	139				
Charlotte-Concord-Gastonia, NC-SC	138				
Nashville-Davidson--Murfreesboro--Franklin, TN	133				
Kansas City, MO-KS	131				
Pittsburgh, PA	131				
Raleigh-Cary, NC	129				
Tampa-St. Petersburg-Clearwater, FL	125				
San Antonio-New Braunfels, TX	119				
Detroit-Warren-Dearborn, MI	116				
Oklahoma City, OK	108				
San Diego-Chula Vista-Carlsbad, CA	105				
Virginia Beach-Norfolk-Newport News, VA-NC	105				
Madison, WI	104				
Sacramento-Roseville-Folsom, CA	99				
Las Vegas-Henderson-Paradise, NV	98				
Durham-Chapel Hill, NC	86				
Hartford-East Hartford-Middletown, CT	85				
Richmond, VA	84				
New Haven-Milford, CT	81				
Bridgeport-Stamford-Norwalk, CT	78				
Albuquerque, NM	77				
New Orleans-Metairie, LA	77				



# Pharmacy Demand Report (PDR)

## Pharmacy Technician

### Job Postings Per State

State/Territory	2023							2024						
	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2024
Alabama	6,790	500	550	555	608	2,213	325.92	6,790	531	386	688		1,605	236.38
Alaska	610	74	106	108	88	376	616.39	610	107	108	134		349	572.13
Arizona	9,250	855	923	950	977	3,705	400.54	9,250	978	1,048	1,140		3,166	342.27
Arkansas	4,570	207	342	278	342	1,169	255.80	4,570	362	198	364		924	202.19
California	36,100	4,739	3,444	3,390	2,974	14,547	402.96	36,100	3,236	2,923	3,422		9,581	265.40
Colorado	5,710	846	845	898	675	3,264	571.63	5,710	746	814	1,037		2,597	454.82
Connecticut	3,780	391	398	493	451	1,733	458.47	3,780	488	429	450		1,367	361.64
Delaware	1,270	121	114	138	141	514	404.72	1,270	135	117	180		432	340.16
District of Columbia	660	91	115	135	88	429	650.00	660	110	89	103		302	457.58
Florida	29,840	2,362	2,374	2,283	2,127	9,146	306.50	29,840	2,219	1,716	2,645		6,580	220.51
Georgia	11,290	978	1,018	1,036	980	4,012	355.36	11,290	1,092	676	1,119		2,887	255.71
Hawaii	1,850	132	192	197	212	733	396.22	1,850	232	175	169		576	311.35
Idaho	2,260	195	241	264	216	916	405.31	2,260	223	225	298		746	330.09
Illinois	19,880	1,613	1,661	1,641	1,554	6,469	325.40	19,880	1,781	1,357	2,042		5,180	260.56
Indiana	9,790	649	868	1,287	1,139	3,943	402.76	9,790	1,089	737	1,071		2,897	295.91
Iowa	3,890	428	437	532	547	1,944	499.74	3,890	512	447	550		1,509	387.92
Kansas	4,280	424	410	411	457	1,702	397.66	4,280	386	290	505		1,181	275.93
Kentucky	10,210	482	517	615	648	2,262	221.55	10,210	679	443	795		1,917	187.76
Louisiana	5,990	567	513	483	535	2,098	350.25	5,990	587	428	584		1,599	266.94
Maine	2,280	223	192	276	260	951	417.11	2,280	231	264	328		823	360.96
Maryland	6,940	882	825	1,101	667	3,475	500.72	6,940	706	597	812		2,115	304.76
Massachusetts	8,740	1,025	986	1,162	1,093	4,266	488.10	8,740	1,156	1,008	1,267		3,431	392.56
Michigan	13,990	1,295	1,384	1,715	1,417	5,811	415.37	13,990	1,497	1,434	1,715		4,646	332.09
Minnesota	8,050	626	685	740	709	2,760	342.86	8,050	644	491	904		2,039	253.29
Mississippi	3,580	259	259	242	330	1,090	304.47	3,580	346	246	347		939	262.29
Missouri	10,030	735	772	760	803	3,070	306.08	10,030	803	635	976		2,414	240.68
Montana	1,200	102	108	146	132	488	406.67	1,200	175	151	196		522	435.00
Nebraska	2,540	253	230	238	235	956	376.38	2,540	303	276	317		896	352.76
Nevada	4,210	240	273	273	276	1,062	252.26	4,210	348	297	344		989	234.92
New Hampshire	1,880	230	242	268	339	1,079	573.94	1,880	395	423	357		1,175	625.00
New Jersey	10,400	895	980	1,060	1,173	4,108	395.00	10,400	1,067	1,074	1,266		3,407	327.60
New Mexico	2,490	184	215	260	322	981	393.98	2,490	300	256	344		900	361.45
New York	18,970	1,359	1,341	1,651	1,483	5,834	307.54	18,970	1,379	1,361	1,784		4,524	238.48
North Carolina	13,710	1,086	1,372	1,317	1,339	5,114	373.01	13,710	1,348	1,101	1,484		3,933	286.87
North Dakota	880	66	56	87	79	288	327.27	880	74	53	84		211	239.77
Ohio	17,090	1,395	1,272	1,543	1,552	5,762	337.16	17,090	1,689	1,476	2,124		5,289	309.48
Oklahoma	4,870	336	434	434	490	1,694	347.84	4,870	540	376	516		1,432	294.05
Oregon	5,020	577	572	588	627	2,364	470.92	5,020	609	449	792		1,850	368.53
Pennsylvania	18,900	1,099	1,102	1,589	1,662	5,452	288.47	18,900	1,668	1,502	1,933		5,103	270.00
Puerto Rico	5,300	50	38	52	153	293	55.28	5,300	150	118	113		381	71.89
Rhode Island	1,770	118	137	204	283	742	419.21	1,770	226	213	232		671	379.10
South Carolina	6,470	447	531	582	510	2,070	319.94	6,470	649	468	705		1,822	281.61
South Dakota	1,290	118	77	100	117	412	319.38	1,290	109	129	169		407	315.50
Tennessee	11,190	794	882	841	824	3,341	298.57	11,190	1,051	950	1,146		3,147	281.23
Texas	36,690	2,870	2,926	3,031	3,058	11,885	323.93	36,690	3,243	2,520	3,379		9,142	249.17
Utah	4,060	352	384	419	462	1,617	398.28	4,060	392	328	456		1,176	289.66
Vermont	700	91	107	151	159	508	725.71	700	126	104	176		406	580.00
Virginia	9,590	997	942	900	1,017	3,856	402.09	9,590	1,125	884	1,182		3,191	332.74
Washington	7,740	913	843	1,085	850	3,691	476.87	7,740	908	932	1,112		2,952	381.40
West Virginia	3,140	120	116	199	229	664	211.46	3,140	193	151	320		664	211.46
Wisconsin	8,290	666	833	805	707	3,011	363.21	8,290	707	646	1,008		2,361	284.80
Wyoming	560	46	76	67	57	246	439.29	560	66	71	125		262	467.86

# Pharmacy Demand Report (PDR)

## Pharmacy Technician

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

2023		2024			
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	6,009	New York-Newark-Jersey City, NY-NJ-PA	1,498	New York-Newark-Jersey City, NY-NJ-PA	1,470
Chicago-Naperville-Elgin, IL-IN-WI	4,804	Chicago-Naperville-Elgin, IL-IN-WI	1,343	Chicago-Naperville-Elgin, IL-IN-WI	1,016
Los Angeles-Long Beach-Anaheim, CA	4,306	Dallas-Fort Worth-Arlington, TX	1,136	Dallas-Fort Worth-Arlington, TX	959
Dallas-Fort Worth-Arlington, TX	3,835	Los Angeles-Long Beach-Anaheim, CA	1,071	Los Angeles-Long Beach-Anaheim, CA	916
Boston-Cambridge-Newton, MA-NH	3,008	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	855	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	814
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	2,888	Boston-Cambridge-Newton, MA-NH	828	Phoenix-Mesa-Chandler, AZ	774
Phoenix-Mesa-Chandler, AZ	2,736	Detroit-Warren-Dearborn, MI	730	Boston-Cambridge-Newton, MA-NH	752
Washington-Arlington-Alexandria, DC-VA-MD-WV	2,648	Washington-Arlington-Alexandria, DC-VA-MD-WV	681	Detroit-Warren-Dearborn, MI	671
Detroit-Warren-Dearborn, MI	2,644	Phoenix-Mesa-Chandler, AZ	670	Seattle-Tacoma-Bellevue, WA	575
San Francisco-Oakland-Berkeley, CA	2,468	Houston-The Woodlands-Sugar Land, TX	659	Washington-Arlington-Alexandria, DC-VA-MD-WV	534
Houston-The Woodlands-Sugar Land, TX	2,430	Atlanta-Sandy Springs-Alpharetta, GA	570	Houston-The Woodlands-Sugar Land, TX	489
Miami-Fort Lauderdale-Pompano Beach, FL	2,198	Seattle-Tacoma-Bellevue, WA	566	Denver-Aurora-Lakewood, CO	467
Atlanta-Sandy Springs-Alpharetta, GA	2,163	Miami-Fort Lauderdale-Pompano Beach, FL	530	San Francisco-Oakland-Berkeley, CA	460
Seattle-Tacoma-Bellevue, WA	2,084	San Francisco-Oakland-Berkeley, CA	463	Miami-Fort Lauderdale-Pompano Beach, FL	453
Denver-Aurora-Lakewood, CO	1,938	Pittsburgh, PA	460	Atlanta-Sandy Springs-Alpharetta, GA	380
Baltimore-Columbia-Towson, MD	1,903	Cincinnati, OH-KY-IN	459	Pittsburgh, PA	364
Minneapolis-St. Paul-Bloomington, MN-WI	1,793	Minneapolis-St. Paul-Bloomington, MN-WI	448	Baltimore-Columbia-Towson, MD	362
Kansas City, MO-KS	1,639	Denver-Aurora-Lakewood, CO	420	Nashville-Davidson--Murfreesboro--Franklin, TN	362
Portland-Vancouver-Hillsboro, OR-WA	1,565	Tampa-St. Petersburg-Clearwater, FL	404	Minneapolis-St. Paul-Bloomington, MN-WI	349
Tampa-St. Petersburg-Clearwater, FL	1,537	Portland-Vancouver-Hillsboro, OR-WA	388	Portland-Vancouver-Hillsboro, OR-WA	317
Pittsburgh, PA	1,437	Louisville/Jefferson County, KY-IN	386	Columbus, OH	309
Orlando-Kissimmee-Sanford, FL	1,435	Baltimore-Columbia-Towson, MD	382	Kansas City, MO-KS	305
Riverside-San Bernardino-Ontario, CA	1,433	St. Louis, MO-IL	349	Tampa-St. Petersburg-Clearwater, FL	301
Cincinnati, OH-KY-IN	1,426	San Diego-Chula Vista-Carlsbad, CA	349	Cincinnati, OH-KY-IN	300
St. Louis, MO-IL	1,394	Kansas City, MO-KS	347	St. Louis, MO-IL	285
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	1,814		
		Chicago-Naperville-Elgin, IL-IN-WI	1,382		
		Dallas-Fort Worth-Arlington, TX	1,139		
		Los Angeles-Long Beach-Anaheim, CA	1,057		
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	966		
		Boston-Cambridge-Newton, MA-NH	889		
		Phoenix-Mesa-Chandler, AZ	816		
		Detroit-Warren-Dearborn, MI	814		
		Miami-Fort Lauderdale-Pompano Beach, FL	699		
		Washington-Arlington-Alexandria, DC-VA-MD-WV	671		
		Minneapolis-St. Paul-Bloomington, MN-WI	661		
		Houston-The Woodlands-Sugar Land, TX	641		
		Denver-Aurora-Lakewood, CO	596		
		Seattle-Tacoma-Bellevue, WA	588		
		Atlanta-Sandy Springs-Alpharetta, GA	574		
		St. Louis, MO-IL	477		
		San Francisco-Oakland-Berkeley, CA	470		
		Columbus, OH	465		
		Portland-Vancouver-Hillsboro, OR-WA	451		
		Orlando-Kissimmee-Sanford, FL	447		
		Tampa-St. Petersburg-Clearwater, FL	446		
		Pittsburgh, PA	434		
		Baltimore-Columbia-Towson, MD	430		
		Cleveland-Elyria, OH	423		
		Kansas City, MO-KS	412		