



American Association of
Colleges of Pharmacy

American College of
Clinical Pharmacy

American Pharmacists
Association

American Society of
Health-System Pharmacists

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Hematology/Oncology Pharmacy
Association

National Alliance of State
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Pharmacy Demand Report (PDR) Executive Summary

1st Quarter 2024

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

Pharmacists

Highlights for pharmacist job postings for 2024 include:

- 18,903 job postings were reported for the first quarter (compared to 19,154 postings for the first quarter 2023);
- The highest number of postings were for the Retail Pharmacist position (10,188) followed by Clinical Pharmacist position (4,301), Hospital position (1,972), Other Pharmacist Occupations category (1,440), and Pharmacy Director position (1,000).
- 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 (1,378), followed by Texas (1,225), Florida (981), and Kentucky (969). Wyoming (28), Vermont (53), District of Columbia (65), and Puerto Rico (66), had the lowest number of job postings; and
- The MSAs with the highest number of job postings in the first quarter were Louisville, New York, and Chicago.

Pharmacy Technicians

There were 39,716 job postings for pharmacy technicians through the first quarter 2024. Highlights for pharmacy technicians job postings for 2024 include:

- 39,716 job postings were reported for the first quarter (compared to 36,103 job postings for the first quarter 2023);
- The highest number of job postings were in the southern part of the country, followed by the midwest, west, and northeast;
- Texas had the highest number of job postings (3,243), followed by California (3,236), Florida (2,219), Illinois (1,781), and Ohio (1,689). Wyoming (66) and North Dakota (74) had the lowest number of job postings; and
- New York-Newark, Chicago, and Dallas had the highest number of job postings for the first 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	0	0	0	741
South	1,729	1,946	1,758	1,438	6,871	1,574	0	0	0	1,574
Midwest	1,178	1,236	1,125	917	4,456	930	0	0	0	930
West	1,493	1,441	1,179	978	5,091	1,046	0	0	0	1,046

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	0	0	0	1,722
South	3,349	3,735	4,409	3,513	15,006	4,000	0	0	0	4,000
Midwest	1,911	2,069	2,504	2,327	8,811	2,436	0	0	0	2,436
West	2,613	2,288	2,617	2,000	9,518	1,984	0	0	0	1,984

Hospital Pharmacist										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	359	376	346	322	1,403	317	0	0	0	317
South	479	669	585	531	2,264	733	0	0	0	733
Midwest	355	462	391	336	1,544	440	0	0	0	440
West	557	721	395	431	2,104	477	0	0	0	477

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	0	0	0	3,182
South	6,369	7,266	7,932	6,360	27,927	7,305	0	0	0	7,305
Midwest	3,907	4,318	4,546	4,041	16,812	4,301	0	0	0	4,301
West	5,414	5,082	4,719	3,976	19,191	4,049	0	0	0	4,049

Other Pharmacist Occupations										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	215	353	364	371	1,303	204	0	0	0	204
South	416	519	765	535	2,235	616	0	0	0	616
Midwest	226	351	313	252	1,142	314	0	0	0	314
West	458	383	283	315	1,439	303	0	0	0	303

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	0	0	0	6,736
South	13,099	13,830	14,170	13,933	55,032	14,916	0	0	0	14,916
Midwest	8,268	8,685	9,859	9,316	36,128	9,594	0	0	0	9,594
West	9,255	8,222	8,645	7,868	33,990	8,320	0	0	0	8,320

Pharmacy Director										
	2023					2024				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	134	149	116	167	566	198	0	0	0	198
South	396	397	415	343	1,551	382	0	0	0	382
Midwest	237	200	213	209	859	181	0	0	0	181
West	293	249	245	252	1,039	239	0	0	0	239

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				49	5.10
Alaska	1,095	16	12	25	25	78	71.23	1,095	19				19	17.35
Arizona	12,051	172	161	121	111	565	46.88	12,051	143				143	11.87
Arkansas	6,948	45	61	45	18	169	24.32	6,948	30				30	4.32
California	49,597	636	507	465	396	2,004	40.41	49,597	300				300	6.05
Colorado	8,874	117	131	62	66	376	42.37	8,874	82				82	9.24
Connecticut	5,545	65	112	97	67	341	61.50	5,545	84				84	15.15
Delaware	2,396	38	32	10	40	120	50.08	2,396	35				35	14.61
District of Columbia	2,036	40	54	46	31	171	83.99	2,036	35				35	17.19
Florida	35,824	359	306	319	261	1,245	34.75	35,824	289				289	8.07
Georgia	15,216	105	108	99	70	382	25.11	15,216	66				66	4.34
Hawaii	2,451	16	31	20	12	79	32.23	2,451	16				16	6.53
Idaho	3,911	46	82	70	28	226	57.79	3,911	44				44	11.25
Illinois	21,122	207	252	241	188	888	42.04	21,122	157				157	7.43
Indiana	11,497	110	84	93	89	376	32.70	11,497	97				97	8.44
Iowa	6,472	51	88	31	53	223	34.46	6,472	62				62	9.58
Kansas	8,235	90	97	82	60	329	39.95	8,235	47				47	5.71
Kentucky	10,939	81	71	60	73	285	26.05	10,939	74				74	6.76
Louisiana	9,572	100	151	58	54	363	37.92	9,572	69				69	7.21
Maine	2,343	48	26	25	16	115	49.08	2,343	51				51	21.77
Maryland	12,654	138	156	100	164	558	44.10	12,654	105				105	8.30
Massachusetts	13,873	179	221	179	175	754	54.35	13,873	170				170	12.25
Michigan	17,395	185	146	112	93	536	30.81	17,395	106				106	6.09
Minnesota	9,354	71	73	72	60	276	29.51	9,354	49				49	5.24
Mississippi	6,789	23	42	34	22	121	17.82	6,789	37				37	5.45
Missouri	11,833	136	112	166	90	504	42.59	11,833	90				90	7.61
Montana	2,356	21	33	28	28	110	46.69	2,356	53				53	22.50
Nebraska	5,495	41	51	38	16	146	26.57	5,495	29				29	5.28
Nevada	9,103	39	61	58	47	205	22.52	9,103	83				83	9.12
New Hampshire	2,827	23	41	31	18	113	39.97	2,827	23				23	8.14
New Jersey	18,019	121	108	112	73	414	22.98	18,019	84				84	4.66
New Mexico	3,176	69	54	66	68	257	80.92	3,176	88				88	27.71
New York	29,667	247	143	139	133	662	22.31	29,667	119				119	4.01
North Carolina	17,971	143	142	151	121	557	30.99	17,971	131				131	7.29
North Dakota	2,251	10	34	22	19	85	37.76	2,251	24				24	10.66
Ohio	22,283	176	187	145	172	680	30.52	22,283	188				188	8.44
Oklahoma	8,150	34	92	93	53	272	33.37	8,150	69				69	8.47
Oregon	8,428	149	136	85	75	445	52.80	8,428	81				81	9.61
Pennsylvania	24,708	159	208	121	144	632	25.58	24,708	146				146	5.91
Puerto Rico	5,340	8	6	8	5	27	5.06	5,340	10				10	1.87
Rhode Island	2,185	15	60	35	37	147	67.28	2,185	51				51	23.34
South Carolina	9,616	54	65	40	33	192	19.97	9,616	53				53	5.51
South Dakota	2,195	14	11	9	16	50	22.78	2,195	12				12	5.47
Tennessee	12,556	71	89	77	62	299	23.81	12,556	63				63	5.02
Texas	36,154	289	348	426	301	1,364	37.73	36,154	322				322	8.91
Utah	4,257	33	48	56	43	180	42.28	4,257	42				42	9.87
Vermont	14,661	12	24	16	10	62	4.23	14,661	13				13	0.89
Virginia	16,079	112	123	115	105	455	28.30	16,079	137				137	8.52
Washington	11,274	156	162	93	64	475	42.13	11,274	90				90	7.98
West Virginia	6,149	38	24	20	9	91	14.80	6,149	10				10	1.63
Wisconsin	8,942	87	101	114	61	363	40.59	8,942	69				69	7.72
Wyoming	1,483	23	23	30	15	91	61.36	1,483	5				5	3.37

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	593	New York-Newark-Jersey City, NY-NJ-PA	130		
San Francisco-Oakland-Berkeley, CA	565	Boston-Cambridge-Newton, MA-NH	111		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	482	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	96		
Los Angeles-Long Beach-Anaheim, CA	464	Miami-Fort Lauderdale-Pompano Beach, FL	86		
Boston-Cambridge-Newton, MA-NH	456	Dallas-Fort Worth-Arlington, TX	84		
Baltimore-Columbia-Towson, MD	365	Washington-Arlington-Alexandria, DC-VA-MD-WV	83		
Sacramento-Roseville-Folsom, CA	363	Los Angeles-Long Beach-Anaheim, CA	76		
Miami-Fort Lauderdale-Pompano Beach, FL	359	Houston-The Woodlands-Sugar Land, TX	74		
Washington-Arlington-Alexandria, DC-VA-MD-WV	345	Phoenix-Mesa-Chandler, AZ	71		
Phoenix-Mesa-Chandler, AZ	334	Baltimore-Columbia-Towson, MD	69		
Houston-The Woodlands-Sugar Land, TX	330	Cleveland-Elyria, OH	69		
Dallas-Fort Worth-Arlington, TX	309	San Francisco-Oakland-Berkeley, CA	64		
Kansas City, MO-KS	246	Tampa-St. Petersburg-Clearwater, FL	55		
Atlanta-Sandy Springs-Alpharetta, GA	241	Seattle-Tacoma-Bellevue, WA	54		
Orlando-Kissimmee-Sanford, FL	236	Virginia Beach-Norfolk-Newport News, VA-NC	54		
Cleveland-Elyria, OH	219	Las Vegas-Henderson-Paradise, NV	53		
Denver-Aurora-Lakewood, CO	215	Orlando-Kissimmee-Sanford, FL	48		
Seattle-Tacoma-Bellevue, WA	206	San Antonio-New Braunfels, TX	48		
Tampa-St. Petersburg-Clearwater, FL	197	Providence-Warwick, RI-MA	46		
St. Louis, MO-IL	195	Denver-Aurora-Lakewood, CO	43		
San Antonio-New Braunfels, TX	194	Albuquerque, NM	42		
Cincinnati, OH-KY-IN	185	Cincinnati, OH-KY-IN	42		
Minneapolis-St. Paul-Bloomington, MN-WI	179	Portland-Vancouver-Hillsboro, OR-WA	42		
Charlotte-Concord-Gastonia, NC-SC	159	Detroit-Warren-Dearborn, MI	40		

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				17	7.78
Alaska	1,095	2	7	9	14	32	29.22	1,095	9				9	8.22
Arizona	12,051	40	65	42	32	179	14.85	12,051	60				60	4.98
Arkansas	6,948	22	22	24	21	89	12.81	6,948	28				28	4.03
California	49,597	379	449	180	144	1,152	23.23	49,597	156				156	3.15
Colorado	8,874	20	28	21	35	104	11.72	8,874	40				40	4.51
Connecticut	5,545	23	29	27	30	109	19.66	5,545	19				19	3.43
Delaware	2,396	6	5	6	29	46	19.20	2,396	33				33	13.77
District of Columbia	2,036	3	4	3	1	11	5.40	2,036	4				4	1.96
Florida	35,824	61	83	59	75	278	7.76	35,824	103				103	2.88
Georgia	15,216	30	33	35	33	131	8.61	15,216	36				36	2.37
Hawaii	2,451	1	3	9	2	15	6.12	2,451	5				5	2.04
Idaho	3,911	24	12	23	12	71	18.15	3,911	12				12	3.07
Illinois	21,122	32	52	37	43	164	7.76	21,122	37				37	1.75
Indiana	11,497	26	57	59	55	197	17.13	11,497	75				75	6.52
Iowa	6,472	18	21	14	14	67	10.35	6,472	19				19	2.94
Kansas	8,235	14	10	9	11	44	5.34	8,235	9				9	1.09
Kentucky	10,939	26	33	30	22	111	10.15	10,939	67				67	6.12
Louisiana	9,572	21	85	25	35	166	17.34	9,572	30				30	3.13
Maine	2,343	52	17	31	7	107	45.67	2,343	10				10	4.27
Maryland	12,654	29	20	21	18	88	6.95	12,654	38				38	3.00
Massachusetts	13,873	35	47	36	27	145	10.45	13,873	18				18	1.30
Michigan	17,395	43	33	47	40	163	9.37	17,395	58				58	3.33
Minnesota	9,354	19	27	15	20	81	8.66	9,354	17				17	1.82
Mississippi	6,789	5	5	4	5	19	2.80	6,789	12				12	1.77
Missouri	11,833	38	55	55	36	184	15.55	11,833	33				33	2.79
Montana	2,356	10	9	17	27	63	26.74	2,356	16				16	6.79
Nebraska	5,495	10	28	9	4	51	9.28	5,495	6				6	1.09
Nevada	9,103	9	38	18	43	108	11.86	9,103	19				19	2.09
New Hampshire	2,827	18	11	6	5	40	14.15	2,827	20				20	7.07
New Jersey	18,019	72	81	70	56	279	15.48	18,019	50				50	2.77
New Mexico	3,176	24	33	19	32	108	34.01	3,176	38				38	11.96
New York	29,667	93	116	107	106	422	14.22	29,667	82				82	2.76
North Carolina	17,971	38	82	50	41	211	11.74	17,971	62				62	3.45
North Dakota	2,251	15	5	7	2	29	12.88	2,251	23				23	10.22
Ohio	22,283	84	132	87	79	382	17.14	22,283	88				88	3.95
Oklahoma	8,150	31	28	59	43	161	19.75	8,150	33				33	4.05
Oregon	8,428	17	29	15	15	76	9.02	8,428	44				44	5.22
Pennsylvania	24,708	61	69	66	75	271	10.97	24,708	102				102	4.13
Puerto Rico	5,340	1	10	3	12	26	4.87	5,340	5				5	0.94
Rhode Island	2,185	4	4	3	16	27	12.36	2,185	11				11	5.03
South Carolina	9,616	18	26	24	19	87	9.05	9,616	24				24	2.50
South Dakota	2,195	2	5	10	7	24	10.93	2,195	9				9	4.10
Tennessee	12,556	19	28	28	19	94	7.49	12,556	49				49	3.90
Texas	36,154	106	137	144	117	504	13.94	36,154	123				123	3.40
Utah	4,257	4	4	3	9	20	4.70	4,257	13				13	3.05
Vermont	14,661	1	2	0	0	3	0.20	14,661	5				5	0.34
Virginia	16,079	24	34	25	22	105	6.53	16,079	54				54	3.36
Washington	11,274	22	38	18	56	134	11.89	11,274	55				55	4.88
West Virginia	6,149	18	19	15	8	60	9.76	6,149	20				20	3.25
Wisconsin	8,942	54	37	42	25	158	17.67	8,942	66				66	7.38
Wyoming	1,483	5	6	21	10	42	28.32	1,483	10				10	6.74

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		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	203	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	75		
San Francisco-Oakland-Berkeley, CA	188	Pittsburgh, PA	41		
Los Angeles-Long Beach-Anaheim, CA	186	Los Angeles-Long Beach-Anaheim, CA	35		
Houston-The Woodlands-Sugar Land, TX	164	Houston-The Woodlands-Sugar Land, TX	33		
Chicago-Naperville-Elgin, IL-IN-WI	157	Indianapolis-Carmel-Anderson, IN	30		
Sacramento-Roseville-Folsom, CA	128	Seattle-Tacoma-Bellevue, WA	30		
Seattle-Tacoma-Bellevue, WA	120	Chicago-Naperville-Elgin, IL-IN-WI	28		
Boston-Cambridge-Newton, MA-NH	109	San Diego-Chula Vista-Carlsbad, CA	27		
Oklahoma City, OK	108	Lexington-Fayette, KY	26		
Dallas-Fort Worth-Arlington, TX	104	Columbus, OH	25		
Cleveland-Elyria, OH	98	Sacramento-Roseville-Folsom, CA	25		
Columbus, OH	98	Miami-Fort Lauderdale-Pompano Beach, FL	24		
Phoenix-Mesa-Chandler, AZ	92	Cincinnati, OH-KY-IN	23		
Atlanta-Sandy Springs-Alpharetta, GA	91	Virginia Beach-Norfolk-Newport News, VA-NC	23		
San Diego-Chula Vista-Carlsbad, CA	86	Washington-Arlington-Alexandria, DC-VA-MD-WV	23		
St. Louis, MO-IL	81	Atlanta-Sandy Springs-Alpharetta, GA	22		
Las Vegas-Henderson-Paradise, NV	79	Phoenix-Mesa-Chandler, AZ	20		
Pittsburgh, PA	78	Tucson, AZ	20		
Cincinnati, OH-KY-IN	75	Denver-Aurora-Lakewood, CO	19		
Milwaukee-Waukesha, WI	72	Asheville, NC	18		
Miami-Fort Lauderdale-Pompano Beach, FL	71	New Orleans-Metairie, LA	18		
Kansas City, MO-KS	70	San Francisco-Oakland-Berkeley, CA	18		
Baltimore-Columbia-Towson, MD	64	Battle Creek, MI	17		
Albuquerque, NM	61	Boston-Cambridge-Newton, MA-NH	17		

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				15	1.56
Alaska	1,095	2	7	15	4	28	25.57	1,095	6				6	5.48
Arizona	12,051	45	35	41	34	155	12.86	12,051	25				25	2.07
Arkansas	6,948	7	13	6	17	43	6.19	6,948	19				19	2.73
California	49,597	315	177	104	162	758	15.28	49,597	148				148	2.98
Colorado	8,874	17	30	21	13	81	9.13	8,874	16				16	1.80
Connecticut	5,545	11	37	23	15	86	15.51	5,545	23				23	4.15
Delaware	2,396	6	6	3	4	19	7.93	2,396	7				7	2.92
District of Columbia	2,036	12	3	3	5	23	11.30	2,036	8				8	3.93
Florida	35,824	72	117	72	36	297	8.29	35,824	78				78	2.18
Georgia	15,216	41	36	63	20	160	10.52	15,216	27				27	1.77
Hawaii	2,451	5	8	8	11	32	13.06	2,451	7				7	2.86
Idaho	3,911	10	3	14	8	35	8.95	3,911	15				15	3.84
Illinois	21,122	37	67	85	36	225	10.65	21,122	48				48	2.27
Indiana	11,497	21	45	31	28	125	10.87	11,497	57				57	4.96
Iowa	6,472	11	8	13	6	38	5.87	6,472	19				19	2.94
Kansas	8,235	22	8	11	14	55	6.68	8,235	8				8	0.97
Kentucky	10,939	8	20	27	26	81	7.40	10,939	104				104	9.51
Louisiana	9,572	34	16	85	8	143	14.94	9,572	57				57	5.95
Maine	2,343	4	6	8	3	21	8.96	2,343	6				6	2.56
Maryland	12,654	35	23	71	24	153	12.09	12,654	21				21	1.66
Massachusetts	13,873	36	50	45	57	188	13.55	13,873	36				36	2.59
Michigan	17,395	20	18	37	26	101	5.81	17,395	13				13	0.75
Minnesota	9,354	16	43	31	21	111	11.87	9,354	18				18	1.92
Mississippi	6,789	1	1	6	4	12	1.77	6,789	6				6	0.88
Missouri	11,833	20	22	10	14	66	5.58	11,833	19				19	1.61
Montana	2,356	4	14	6	6	30	12.73	2,356	8				8	3.40
Nebraska	5,495	2	8	2	6	18	3.28	5,495	7				7	1.27
Nevada	9,103	2	12	4	10	28	3.08	9,103	11				11	1.21
New Hampshire	2,827	9	6	9	2	26	9.20	2,827	6				6	2.12
New Jersey	18,019	18	38	35	55	146	8.10	18,019	35				35	1.94
New Mexico	3,176	9	24	12	7	52	16.37	3,176	18				18	5.67
New York	29,667	68	130	178	88	464	15.64	29,667	48				48	1.62
North Carolina	17,971	42	54	79	114	289	16.08	17,971	48				48	2.67
North Dakota	2,251	1	48	12	3	64	28.43	2,251	1				1	0.44
Ohio	22,283	21	33	57	65	176	7.90	22,283	89				89	3.99
Oklahoma	8,150	19	48	50	71	188	23.07	8,150	21				21	2.58
Oregon	8,428	17	23	13	17	70	8.31	8,428	17				17	2.02
Pennsylvania	24,708	65	79	53	139	336	13.60	24,708	37				37	1.50
Puerto Rico	5,340	3	2	3	6	14	2.62	5,340	3				3	0.56
Rhode Island	2,185	3	5	9	8	25	11.44	2,185	8				8	3.66
South Carolina	9,616	6	8	21	13	48	4.99	9,616	23				23	2.39
South Dakota	2,195	6	18	7	8	39	17.77	2,195	9				9	4.10
Tennessee	12,556	22	19	19	39	99	7.88	12,556	40				40	3.19
Texas	36,154	72	101	210	96	479	13.25	36,154	96				96	2.66
Utah	4,257	2	8	5	5	20	4.70	4,257	7				7	1.64
Vermont	14,661	1	2	4	4	11	0.75	14,661	5				5	0.34
Virginia	16,079	28	37	35	40	140	8.71	16,079	32				32	1.99
Washington	11,274	29	39	28	35	131	11.62	11,274	23				23	2.04
West Virginia	6,149	4	10	8	4	26	4.23	6,149	14				14	2.28
Wisconsin	8,942	49	33	17	25	124	13.87	8,942	26				26	2.91
Wyoming	1,483	1	3	12	3	19	12.81	1,483	2				2	1.35

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	352	Los Angeles-Long Beach-Anaheim, CA	60		
Boston-Cambridge-Newton, MA-NH	150	New York-Newark-Jersey City, NY-NJ-PA	56		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	147	New Orleans-Metairie, LA	44		
Chicago-Naperville-Elgin, IL-IN-WI	145	Cincinnati, OH-KY-IN	37		
Houston-The Woodlands-Sugar Land, TX	124	Chicago-Naperville-Elgin, IL-IN-WI	35		
San Antonio-New Braunfels, TX	122	Washington-Arlington-Alexandria, DC-VA-MD-WV	35		
Washington-Arlington-Alexandria, DC-VA-MD-WV	104	Boston-Cambridge-Newton, MA-NH	30		
Cincinnati, OH-KY-IN	98	San Francisco-Oakland-Berkeley, CA	28		
Baltimore-Columbia-Towson, MD	94	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	27		
Phoenix-Mesa-Chandler, AZ	91	Tampa-St. Petersburg-Clearwater, FL	27		
Dallas-Fort Worth-Arlington, TX	89	Dallas-Fort Worth-Arlington, TX	26		
Syracuse, NY	87	Knoxville, TN	20		
Tulsa, OK	86	Austin-Round Rock-Georgetown, TX	19		
Riverside-San Bernardino-Ontario, CA	85	Miami-Fort Lauderdale-Pompano Beach, FL	18		
San Francisco-Oakland-Berkeley, CA	83	Orlando-Kissimmee-Sanford, FL	18		
Oklahoma City, OK	79	Oklahoma City, OK	16		
Charlotte-Concord-Gastonia, NC-SC	77	Phoenix-Mesa-Chandler, AZ	16		
Atlanta-Sandy Springs-Alpharetta, GA	75	San Diego-Chula Vista-Carlsbad, CA	16		
Miami-Fort Lauderdale-Pompano Beach, FL	75	Charlotte-Concord-Gastonia, NC-SC	15		
Sacramento-Roseville-Folsom, CA	74	Portland-Vancouver-Hillsboro, OR-WA	15		
New Orleans-Metairie, LA	66	Akron, OH	13		
Raleigh-Cary, NC	66	Albuquerque, NM	13		
Minneapolis-St. Paul-Bloomington, MN-WI	65	Boise City, ID	13		
Indianapolis-Carmel-Anderson, IN	60	Cleveland-Elyria, OH	13		

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				13	1.35
Alaska	1,095	1	3	3	8	15	13.70	1,095	8				8	7.31
Arizona	12,051	36	35	19	32	122	10.12	12,051	24				24	1.99
Arkansas	6,948	16	18	7	10	51	7.34	6,948	7				7	1.01
California	49,597	136	111	99	84	430	8.67	49,597	94				94	1.90
Colorado	8,874	6	17	16	7	46	5.18	8,874	14				14	1.58
Connecticut	5,545	11	6	3	11	31	5.59	5,545	8				8	1.44
Delaware	2,396	2	3	1	5	11	4.59	2,396	3				3	1.25
District of Columbia	2,036	6	9	8	0	23	11.30	2,036	1				1	0.49
Florida	35,824	71	36	56	46	209	5.83	35,824	55				55	1.54
Georgia	15,216	10	23	19	16	68	4.47	15,216	31				31	2.04
Hawaii	2,451	3	3	0	1	7	2.86	2,451	4				4	1.63
Idaho	3,911	19	9	13	15	56	14.32	3,911	16				16	4.09
Illinois	21,122	25	30	31	48	134	6.34	21,122	21				21	0.99
Indiana	11,497	43	26	37	9	115	10.00	11,497	22				22	1.91
Iowa	6,472	7	10	5	7	29	4.48	6,472	8				8	1.24
Kansas	8,235	10	22	11	14	57	6.92	8,235	8				8	0.97
Kentucky	10,939	20	17	22	28	87	7.95	10,939	30				30	2.74
Louisiana	9,572	36	21	12	4	73	7.63	9,572	7				7	0.73
Maine	2,343	4	5	3	6	18	7.68	2,343	5				5	2.13
Maryland	12,654	15	20	10	17	62	4.90	12,654	6				6	0.47
Massachusetts	13,873	31	32	18	42	123	8.87	13,873	36				36	2.59
Michigan	17,395	18	14	39	23	94	5.40	17,395	21				21	1.21
Minnesota	9,354	14	14	10	12	50	5.35	9,354	12				12	1.28
Mississippi	6,789	6	5	10	4	25	3.68	6,789	8				8	1.18
Missouri	11,833	20	18	18	24	80	6.76	11,833	10				10	0.85
Montana	2,356	2	13	36	27	78	33.11	2,356	4				4	1.70
Nebraska	5,495	3	6	7	10	26	4.73	5,495	5				5	0.91
Nevada	9,103	21	10	13	11	55	6.04	9,103	18				18	1.98
New Hampshire	2,827	8	4	18	36	66	23.35	2,827	36				36	12.73
New Jersey	18,019	17	24	8	8	57	3.16	18,019	25				25	1.39
New Mexico	3,176	21	18	15	15	69	21.73	3,176	22				22	6.93
New York	29,667	25	32	35	32	124	4.18	29,667	40				40	1.35
North Carolina	17,971	18	14	21	8	61	3.39	17,971	23				23	1.28
North Dakota	2,251	10	5	6	4	25	11.11	2,251	4				4	1.78
Ohio	22,283	31	32	26	43	132	5.92	22,283	53				53	2.38
Oklahoma	8,150	17	18	33	10	78	9.57	8,150	12				12	1.47
Oregon	8,428	20	12	18	18	68	8.07	8,428	7				7	0.83
Pennsylvania	24,708	28	32	25	25	110	4.45	24,708	23				23	0.93
Puerto Rico	5,340	3	0	1	3	7	1.31	5,340	2				2	0.37
Rhode Island	2,185	3	8	3	2	16	7.32	2,185	18				18	8.24
South Carolina	9,616	14	30	23	7	74	7.70	9,616	12				12	1.25
South Dakota	2,195	12	7	3	4	26	11.85	2,195	10				10	4.56
Tennessee	12,556	27	44	24	26	121	9.64	12,556	24				24	1.91
Texas	36,154	103	97	122	105	427	11.81	36,154	115				115	3.18
Utah	4,257	10	6	5	9	30	7.05	4,257	5				5	1.17
Vermont	14,661	7	6	3	5	21	1.43	14,661	7				7	0.48
Virginia	16,079	17	23	23	13	76	4.73	16,079	24				24	1.49
Washington	11,274	15	10	8	24	57	5.06	11,274	22				22	1.95
West Virginia	6,149	9	12	11	31	63	10.25	6,149	11				11	1.79
Wisconsin	8,942	44	16	20	11	91	10.18	8,942	7				7	0.78
Wyoming	1,483	3	2	0	1	6	4.05	1,483	1				1	0.67

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		
Houston-The Woodlands-Sugar Land, TX	130	Los Angeles-Long Beach-Anaheim, CA	37		
New York-Newark-Jersey City, NY-NJ-PA	130	Houston-The Woodlands-Sugar Land, TX	28		
Dallas-Fort Worth-Arlington, TX	105	Dallas-Fort Worth-Arlington, TX	27		
Boston-Cambridge-Newton, MA-NH	95	San Antonio-New Braunfels, TX	24		
San Antonio-New Braunfels, TX	84	Louisville/Jefferson County, KY-IN	23		
Chicago-Naperville-Elgin, IL-IN-WI	83	Boston-Cambridge-Newton, MA-NH	20		
Billings, MT	73	Providence-Warwick, RI-MA	18		
Phoenix-Mesa-Chandler, AZ	64	Seattle-Tacoma-Bellevue, WA	16		
San Francisco-Oakland-Berkeley, CA	61	Chicago-Naperville-Elgin, IL-IN-WI	15		
Washington-Arlington-Alexandria, DC-VA-MD-WV	60	Indianapolis-Carmel-Anderson, IN	15		
Miami-Fort Lauderdale-Pompano Beach, FL	58	Miami-Fort Lauderdale-Pompano Beach, FL	15		
Louisville/Jefferson County, KY-IN	53	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	15		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	47	Phoenix-Mesa-Chandler, AZ	15		
Nashville-Davidson--Murfreesboro--Franklin, TN	43	San Francisco-Oakland-Berkeley, CA	15		
Indianapolis-Carmel-Anderson, IN	42	Washington-Arlington-Alexandria, DC-VA-MD-WV	15		
Atlanta-Sandy Springs-Alpharetta, GA	41	Cincinnati, OH-KY-IN	14		
Kansas City, MO-KS	40	Cleveland-Elyria, OH	14		
St. Louis, MO-IL	40	Columbus, OH	14		
Milwaukee-Waukesha, WI	39	Las Vegas-Henderson-Paradise, NV	14		
Orlando-Kissimmee-Sanford, FL	37	Atlanta-Sandy Springs-Alpharetta, GA	12		
Tucson, AZ	37	Berlin, NH	12		
Columbus, OH	36	Boise City, ID	12		
Sacramento-Roseville-Folsom, CA	35	Stockton, CA	12		
Baltimore-Columbia-Towson, MD	33	Denver-Aurora-Lakewood, CO	11		

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				133	13.85
Alaska	1,095	18	32	41	38	129	117.81	1,095	28				28	25.57
Arizona	12,051	276	217	227	322	1,042	86.47	12,051	317				317	26.30
Arkansas	6,948	90	80	107	86	363	52.25	6,948	110				110	15.83
California	49,597	1,329	969	1,226	661	4,185	84.38	49,597	680				680	13.71
Colorado	8,874	172	289	271	188	920	103.67	8,874	171				171	19.27
Connecticut	5,545	161	236	226	161	784	141.39	5,545	216				216	38.95
Delaware	2,396	46	65	65	88	264	110.18	2,396	61				61	25.46
District of Columbia	2,036	12	17	44	28	101	49.61	2,036	17				17	8.35
Florida	35,824	475	521	544	428	1,968	54.94	35,824	456				456	12.73
Georgia	15,216	277	235	309	232	1,053	69.20	15,216	242				242	15.90
Hawaii	2,451	19	25	34	37	115	46.92	2,451	38				38	15.50
Idaho	3,911	72	62	65	57	256	65.46	3,911	48				48	12.27
Illinois	21,122	338	370	418	378	1,504	71.21	21,122	362				362	17.14
Indiana	11,497	290	232	278	338	1,138	98.98	11,497	451				451	39.23
Iowa	6,472	80	129	92	141	442	68.29	6,472	163				163	25.19
Kansas	8,235	82	88	132	169	471	57.19	8,235	140				140	17.00
Kentucky	10,939	176	194	226	370	966	88.31	10,939	694				694	63.44
Louisiana	9,572	159	233	256	183	831	86.82	9,572	217				217	22.67
Maine	2,343	95	62	105	101	363	154.93	2,343	64				64	27.32
Maryland	12,654	199	216	265	162	842	66.54	12,654	178				178	14.07
Massachusetts	13,873	309	395	367	341	1,412	101.78	13,873	250				250	18.02
Michigan	17,395	188	153	223	195	759	43.63	17,395	151				151	8.68
Minnesota	9,354	174	178	255	184	791	84.56	9,354	228				228	24.37
Mississippi	6,789	53	88	122	101	364	53.62	6,789	103				103	15.17
Missouri	11,833	183	213	215	217	828	69.97	11,833	192				192	16.23
Montana	2,356	38	55	65	69	227	96.35	2,356	108				108	45.84
Nebraska	5,495	57	81	88	84	310	56.41	5,495	74				74	13.47
Nevada	9,103	41	66	66	72	245	26.91	9,103	62				62	6.81
New Hampshire	2,827	119	80	126	97	422	149.27	2,827	84				84	29.71
New Jersey	18,019	322	299	523	421	1,565	86.85	18,019	251				251	13.93
New Mexico	3,176	53	85	139	89	366	115.24	3,176	85				85	26.76
New York	29,667	428	426	588	358	1,800	60.67	29,667	317				317	10.69
North Carolina	17,971	308	354	441	312	1,415	78.74	17,971	316				316	17.58
North Dakota	2,251	25	40	29	24	118	52.42	2,251	20				20	8.88
Ohio	22,283	308	359	405	322	1,394	62.56	22,283	281				281	12.61
Oklahoma	8,150	141	217	221	198	777	95.34	8,150	157				157	19.26
Oregon	8,428	240	177	163	172	752	89.23	8,428	184				184	21.83
Pennsylvania	24,708	309	406	513	410	1,638	66.29	24,708	468				468	18.94
Puerto Rico	5,340	44	47	39	59	189	35.39	5,340	46				46	8.61
Rhode Island	2,185	42	30	60	38	170	77.80	2,185	49				49	22.43
South Carolina	9,616	180	133	194	188	695	mk	9,616	156				156	16.22
South Dakota	2,195	12	5	14	45	76	34.62	2,195	36				36	16.40
Tennessee	12,556	156	152	176	150	634	50.49	12,556	175				175	13.94
Texas	36,154	480	525	745	443	2,193	60.66	36,154	569				569	15.74
Utah	4,257	45	31	58	71	205	48.16	4,257	55				55	12.92
Vermont	14,661	43	55	50	25	173	11.80	14,661	23				23	1.57
Virginia	16,079	361	444	382	308	1,495	92.98	16,079	325				325	20.21
Washington	11,274	273	242	235	212	962	85.33	11,274	198				198	17.56
West Virginia	6,149	84	109	114	88	395	64.24	6,149	91				91	14.80
Wisconsin	8,942	174	221	355	230	980	109.60	8,942	338				338	37.80
Wyoming	1,483	37	38	27	12	114	76.87	1,483	10				10	6.74

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		
Boston-Cambridge-Newton, MA-NH	948	New York-Newark-Jersey City, NY-NJ-PA	330		
Chicago-Naperville-Elgin, IL-IN-WI	847	Washington-Arlington-Alexandria, DC-VA-MD-WV	172		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	809	Chicago-Naperville-Elgin, IL-IN-WI	161		
Washington-Arlington-Alexandria, DC-VA-MD-WV	767	Phoenix-Mesa-Chandler, AZ	160		
Los Angeles-Long Beach-Anaheim, CA	729	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	159		
Phoenix-Mesa-Chandler, AZ	563	Boston-Cambridge-Newton, MA-NH	157		
Atlanta-Sandy Springs-Alpharetta, GA	457	Los Angeles-Long Beach-Anaheim, CA	142		
Louisville/Jefferson County, KY-IN	452	Dallas-Fort Worth-Arlington, TX	137		
San Francisco-Oakland-Berkeley, CA	442	Minneapolis-St. Paul-Bloomington, MN-WI	120		
Dallas-Fort Worth-Arlington, TX	438	Atlanta-Sandy Springs-Alpharetta, GA	99		
Seattle-Tacoma-Bellevue, WA	416	Miami-Fort Lauderdale-Pompano Beach, FL	94		
Minneapolis-St. Paul-Bloomington, MN-WI	389	San Francisco-Oakland-Berkeley, CA	89		
Riverside-San Bernardino-Ontario, CA	386	Houston-The Woodlands-Sugar Land, TX	86		
Virginia Beach-Norfolk-Newport News, VA-NC	386	Indianapolis-Carmel-Anderson, IN	86		
Houston-The Woodlands-Sugar Land, TX	376	Virginia Beach-Norfolk-Newport News, VA-NC	83		
Baltimore-Columbia-Towson, MD	358	Pittsburgh, PA	82		
Miami-Fort Lauderdale-Pompano Beach, FL	352	Seattle-Tacoma-Bellevue, WA	80		
San Jose-Sunnyvale-Santa Clara, CA	339	Kansas City, MO-KS	78		
Denver-Aurora-Lakewood, CO	338	Providence-Warwick, RI-MA	76		
St. Louis, MO-IL	305	St. Louis, MO-IL	73		
Kansas City, MO-KS	304	Tampa-St. Petersburg-Clearwater, FL	72		
Providence-Warwick, RI-MA	301	Charlotte-Concord-Gastonia, NC-SC	68		
Portland-Vancouver-Hillsboro, OR-WA	283	Cincinnati, OH-KY-IN	68		
Cincinnati, OH-KY-IN	278	Hartford-East Hartford-Middletown, CT	68		

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	0	0	0	227	23.63
Alaska	1,095	39	61	93	89	282	257.53	1,095	70	0	0	0	70	63.93
Arizona	12,051	569	513	450	531	2,063	171.19	12,051	569	0	0	0	569	47.22
Arkansas	6,948	180	194	189	152	715	102.91	6,948	194	0	0	0	194	27.92
California	49,597	2,795	2,213	2,074	1,447	8,529	171.97	49,597	1,378	0	0	0	1,378	27.78
Colorado	8,874	332	495	391	309	1,527	172.08	8,874	323	0	0	0	323	36.40
Connecticut	5,545	271	420	376	284	1,351	243.64	5,545	350	0	0	0	350	63.12
Delaware	2,396	98	111	85	166	460	191.99	2,396	139	0	0	0	139	58.01
District of Columbia	2,036	73	87	104	65	329	161.59	2,036	65	0	0	0	65	31.93
Florida	35,824	1,038	1,063	1,050	846	3,997	111.57	35,824	981	0	0	0	981	27.38
Georgia	15,216	463	435	525	371	1,794	117.90	15,216	402	0	0	0	402	26.42
Hawaii	2,451	44	70	71	63	248	101.18	2,451	70	0	0	0	70	28.56
Idaho	3,911	171	168	185	120	644	164.66	3,911	135	0	0	0	135	34.52
Illinois	21,122	639	771	812	693	2,915	138.01	21,122	625	0	0	0	625	29.59
Indiana	11,497	490	444	498	519	1,951	169.70	11,497	702	0	0	0	702	61.06
Iowa	6,472	167	256	155	221	799	123.45	6,472	271	0	0	0	271	41.87
Kansas	8,235	218	225	245	268	956	116.09	8,235	212	0	0	0	212	25.74
Kentucky	10,939	311	335	365	519	1,530	139.87	10,939	969	0	0	0	969	88.58
Louisiana	9,572	350	506	436	284	1,576	164.65	9,572	380	0	0	0	380	39.70
Maine	2,343	203	116	172	133	624	266.33	2,343	136	0	0	0	136	58.05
Maryland	12,654	416	435	467	385	1,703	134.58	12,654	348	0	0	0	348	27.50
Massachusetts	13,873	590	745	645	642	2,622	189.00	13,873	510	0	0	0	510	36.76
Michigan	17,395	454	364	458	377	1,653	95.03	17,395	349	0	0	0	349	20.06
Minnesota	9,354	294	335	383	297	1,309	139.94	9,354	324	0	0	0	324	34.64
Mississippi	6,789	88	141	176	136	541	79.69	6,789	166	0	0	0	166	24.45
Missouri	11,833	397	420	464	381	1,662	140.45	11,833	344	0	0	0	344	29.07
Montana	2,356	75	124	152	157	508	215.62	2,356	189	0	0	0	189	80.22
Nebraska	5,495	113	174	144	120	551	100.27	5,495	121	0	0	0	121	22.02
Nevada	9,103	112	187	159	183	641	70.42	9,103	193	0	0	0	193	21.20
New Hampshire	2,827	177	142	190	158	667	235.94	2,827	169	0	0	0	169	59.78
New Jersey	18,019	550	550	748	613	2,461	136.58	18,019	445	0	0	0	445	24.70
New Mexico	3,176	176	214	251	211	852	268.26	3,176	251	0	0	0	251	79.03
New York	29,667	861	847	1,047	717	3,472	117.03	29,667	606	0	0	0	606	20.43
North Carolina	17,971	549	646	742	596	2,533	140.95	17,971	580	0	0	0	580	32.27
North Dakota	2,251	61	132	76	52	321	142.60	2,251	72	0	0	0	72	31.99
Ohio	22,283	620	743	720	681	2,764	124.04	22,283	699	0	0	0	699	31.37
Oklahoma	8,150	242	403	456	375	1,476	181.10	8,150	292	0	0	0	292	35.83
Oregon	8,428	443	377	294	297	1,411	167.42	8,428	333	0	0	0	333	39.51
Pennsylvania	24,708	622	794	778	793	2,987	120.89	24,708	776	0	0	0	776	31.41
Puerto Rico	5,340	59	65	54	85	263	49.25	5,340	66	0	0	0	66	12.36
Rhode Island	2,185	67	107	110	101	385	176.20	2,185	137	0	0	0	137	62.70
South Carolina	9,616	272	262	302	260	1,096	113.98	9,616	268	0	0	0	268	27.87
South Dakota	2,195	46	46	43	80	215	97.95	2,195	76	0	0	0	76	34.62
Tennessee	12,556	295	332	324	296	1,247	99.32	12,556	351	0	0	0	351	27.95
Texas	36,154	1,050	1,208	1,647	1,062	4,967	137.38	36,154	1,225	0	0	0	1,225	33.88
Utah	4,257	94	97	127	137	455	106.88	4,257	122	0	0	0	122	28.66
Vermont	14,661	64	89	73	44	270	18.42	14,661	53	0	0	0	53	3.62
Virginia	16,079	542	661	580	488	2,271	141.24	16,079	572	0	0	0	572	35.57
Washington	11,274	495	491	382	391	1,759	156.02	11,274	388	0	0	0	388	34.42
West Virginia	6,149	153	174	168	140	635	103.27	6,149	146	0	0	0	146	23.74
Wisconsin	8,942	408	408	548	352	1,716	191.90	8,942	506	0	0	0	506	56.59
Wyoming	1,483	69	72	90	41	272	183.41	1,483	28	0	0	0	28	18.88

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		
Chicago-Naperville-Elgin, IL-IN-WI	1,884	New York-Newark-Jersey City, NY-NJ-PA	665		
Los Angeles-Long Beach-Anaheim, CA	1,882	Chicago-Naperville-Elgin, IL-IN-WI	380		
Boston-Cambridge-Newton, MA-NH	1,758	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	372		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,688	Los Angeles-Long Beach-Anaheim, CA	350		
San Francisco-Oakland-Berkeley, CA	1,339	Boston-Cambridge-Newton, MA-NH	335		
Washington-Arlington-Alexandria, DC-VA-MD-WV	1,320	Washington-Arlington-Alexandria, DC-VA-MD-WV	328		
Phoenix-Mesa-Chandler, AZ	1,144	Dallas-Fort Worth-Arlington, TX	290		
Houston-The Woodlands-Sugar Land, TX	1,124	Phoenix-Mesa-Chandler, AZ	282		
Dallas-Fort Worth-Arlington, TX	1,045	Miami-Fort Lauderdale-Pompano Beach, FL	237		
Miami-Fort Lauderdale-Pompano Beach, FL	915	Houston-The Woodlands-Sugar Land, TX	232		
Baltimore-Columbia-Towson, MD	914	San Francisco-Oakland-Berkeley, CA	214		
Atlanta-Sandy Springs-Alpharetta, GA	905	Seattle-Tacoma-Bellevue, WA	193		
Seattle-Tacoma-Bellevue, WA	831	Cincinnati, OH-KY-IN	184		
Sacramento-Roseville-Folsom, CA	822	Atlanta-Sandy Springs-Alpharetta, GA	182		
Louisville/Jefferson County, KY-IN	719	Virginia Beach-Norfolk-Newport News, VA-NC	173		
Kansas City, MO-KS	715	Minneapolis-St. Paul-Bloomington, MN-WI	172		
Minneapolis-St. Paul-Bloomington, MN-WI	712	Tampa-St. Petersburg-Clearwater, FL	172		
Denver-Aurora-Lakewood, CO	689	Pittsburgh, PA	171		
Cincinnati, OH-KY-IN	665	Indianapolis-Carmel-Anderson, IN	164		
Virginia Beach-Norfolk-Newport News, VA-NC	647	Providence-Warwick, RI-MA	158		
St. Louis, MO-IL	646	Baltimore-Columbia-Towson, MD	152		
Riverside-San Bernardino-Ontario, CA	642	Denver-Aurora-Lakewood, CO	150		
Oklahoma City, OK	616	Orlando-Kissimmee-Sanford, FL	146		
Cleveland-Elyria, OH	607	Cleveland-Elyria, OH	141		
Orlando-Kissimmee-Sanford, FL	602	St. Louis, MO-IL	137		
San Jose-Sunnyvale-Santa Clara, CA	592	Kansas City, MO-KS	129		
Portland-Vancouver-Hillsboro, OR-WA	565	Charlotte-Concord-Gastonia, NC-SC	128		
San Antonio-New Braunfels, TX	560	Oklahoma City, OK	125		
Indianapolis-Carmel-Anderson, IN	526	New Orleans-Metairie, LA	124		
Charlotte-Concord-Gastonia, NC-SC	519	Lexington-Fayette, KY	114		
Providence-Warwick, RI-MA	515	Columbus, OH	113		
San Diego-Chula Vista-Carlsbad, CA	505	San Antonio-New Braunfels, TX	113		
Pittsburgh, PA	493	Portland-Vancouver-Hillsboro, OR-WA	112		
Detroit-Warren-Dearborn, MI	483	Riverside-San Bernardino-Ontario, CA	111		
Tampa-St. Petersburg-Clearwater, FL	474	New Haven-Milford, CT	109		
Hartford-East Hartford-Middletown, CT	458	Hartford-East Hartford-Middletown, CT	106		
Milwaukee-Waukesha, WI	450	Las Vegas-Henderson-Paradise, NV	106		
New Orleans-Metairie, LA	445	Sacramento-Roseville-Folsom, CA	105		
New Haven-Milford, CT	431	Milwaukee-Waukesha, WI	102		
Columbus, OH	419	Detroit-Warren-Dearborn, MI	101		
Nashville-Davidson--Murfreesboro--Franklin, TN	383	San Diego-Chula Vista-Carlsbad, CA	100		
Tulsa, OK	371	Tucson, AZ	98		
Las Vegas-Henderson-Paradise, NV	368	Albuquerque, NM	95		
Richmond, VA	358	Nashville-Davidson--Murfreesboro--Franklin, TN	91		
Raleigh-Cary, NC	344	Austin-Round Rock-Georgetown, TX	85		
Albuquerque, NM	333	Bridgeport-Stamford-Norwalk, CT	84		
Boise City, ID	325	San Jose-Sunnyvale-Santa Clara, CA	78		
Austin-Round Rock-Georgetown, TX	308	Boise City, ID	72		
Syracuse, NY	293	Little Rock-North Little Rock-Conway, AR	70		

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				531	78.20
Alaska	610	74	106	108	88	376	616.39	610	107				107	175.41
Arizona	9,250	855	923	950	977	3,705	400.54	9,250	978				978	105.73
Arkansas	4,570	207	342	278	342	1,169	255.80	4,570	362				362	79.21
California	36,100	4,739	3,444	3,390	2,974	14,547	402.96	36,100	3,236				3,236	89.64
Colorado	5,710	846	845	898	675	3,264	571.63	5,710	746				746	130.65
Connecticut	3,780	391	398	493	451	1,733	458.47	3,780	488				488	129.10
Delaware	1,270	121	114	138	141	514	404.72	1,270	135				135	106.30
District of Columbia	660	91	115	135	88	429	650.00	660	110				110	166.67
Florida	29,840	2,362	2,374	2,283	2,127	9,146	306.50	29,840	2,219				2,219	74.36
Georgia	11,290	978	1,018	1,036	980	4,012	355.36	11,290	1,092				1,092	96.72
Hawaii	1,850	132	192	197	212	733	396.22	1,850	232				232	125.41
Idaho	2,260	195	241	264	216	916	405.31	2,260	223				223	98.67
Illinois	19,880	1,613	1,661	1,641	1,554	6,469	325.40	19,880	1,781				1,781	89.59
Indiana	9,790	649	868	1,287	1,139	3,943	402.76	9,790	1,089				1,089	111.24
Iowa	3,890	428	437	532	547	1,944	499.74	3,890	512				512	131.62
Kansas	4,280	424	410	411	457	1,702	397.66	4,280	386				386	90.19
Kentucky	10,210	482	517	615	648	2,262	221.55	10,210	679				679	66.50
Louisiana	5,990	567	513	483	535	2,098	350.25	5,990	587				587	98.00
Maine	2,280	223	192	276	260	951	417.11	2,280	231				231	101.32
Maryland	6,940	882	825	1,101	667	3,475	500.72	6,940	706				706	101.73
Massachusetts	8,740	1,025	986	1,162	1,093	4,266	488.10	8,740	1,156				1,156	132.27
Michigan	13,990	1,295	1,384	1,715	1,417	5,811	415.37	13,990	1,497				1,497	107.01
Minnesota	8,050	626	685	740	709	2,760	342.86	8,050	644				644	80.00
Mississippi	3,580	259	259	242	330	1,090	304.47	3,580	346				346	96.65
Missouri	10,030	735	772	760	803	3,070	306.08	10,030	803				803	80.06
Montana	1,200	102	108	146	132	488	406.67	1,200	175				175	145.83
Nebraska	2,540	253	230	238	235	956	376.38	2,540	303				303	119.29
Nevada	4,210	240	273	273	276	1,062	252.26	4,210	348				348	82.66
New Hampshire	1,880	230	242	268	339	1,079	573.94	1,880	395				395	210.11
New Jersey	10,400	895	980	1,060	1,173	4,108	395.00	10,400	1,067				1,067	102.60
New Mexico	2,490	184	215	260	322	981	393.98	2,490	300				300	120.48
New York	18,970	1,359	1,341	1,651	1,483	5,834	307.54	18,970	1,379				1,379	72.69
North Carolina	13,710	1,086	1,372	1,317	1,339	5,114	373.01	13,710	1,348				1,348	98.32
North Dakota	880	66	56	87	79	288	327.27	880	74				74	84.09
Ohio	17,090	1,395	1,272	1,543	1,552	5,762	337.16	17,090	1,689				1,689	98.83
Oklahoma	4,870	336	434	434	490	1,694	347.84	4,870	540				540	110.88
Oregon	5,020	577	572	588	627	2,364	470.92	5,020	609				609	121.31
Pennsylvania	18,900	1,099	1,102	1,589	1,662	5,452	288.47	18,900	1,668				1,668	88.25
Puerto Rico	5,300	50	38	52	153	293	55.28	5,300	150				150	28.30
Rhode Island	1,770	118	137	204	283	742	419.21	1,770	226				226	127.68
South Carolina	6,470	447	531	582	510	2,070	319.94	6,470	649				649	100.31
South Dakota	1,290	118	77	100	117	412	319.38	1,290	109				109	84.50
Tennessee	11,190	794	882	841	824	3,341	298.57	11,190	1,051				1,051	93.92
Texas	36,690	2,870	2,926	3,031	3,058	11,885	323.93	36,690	3,243				3,243	88.39
Utah	4,060	352	384	419	462	1,617	398.28	4,060	392				392	96.55
Vermont	700	91	107	151	159	508	725.71	700	126				126	180.00
Virginia	9,590	997	942	900	1,017	3,856	402.09	9,590	1,125				1,125	117.31
Washington	7,740	913	843	1,085	850	3,691	476.87	7,740	908				908	117.31
West Virginia	3,140	120	116	199	229	664	211.46	3,140	193				193	61.46
Wisconsin	8,290	666	833	805	707	3,011	363.21	8,290	707				707	85.28
Wyoming	560	46	76	67	57	246	439.29	560	66				66	117.86

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		
Chicago-Naperville-Elgin, IL-IN-WI	4,804	Chicago-Naperville-Elgin, IL-IN-WI	1,343		
Los Angeles-Long Beach-Anaheim, CA	4,306	Dallas-Fort Worth-Arlington, TX	1,136		
Dallas-Fort Worth-Arlington, TX	3,835	Los Angeles-Long Beach-Anaheim, CA	1,071		
Boston-Cambridge-Newton, MA-NH	3,008	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	855		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	2,888	Boston-Cambridge-Newton, MA-NH	828		
Phoenix-Mesa-Chandler, AZ	2,736	Detroit-Warren-Dearborn, MI	730		
Washington-Arlington-Alexandria, DC-VA-MD-WV	2,648	Washington-Arlington-Alexandria, DC-VA-MD-WV	681		
Detroit-Warren-Dearborn, MI	2,644	Phoenix-Mesa-Chandler, AZ	670		
San Francisco-Oakland-Berkeley, CA	2,468	Houston-The Woodlands-Sugar Land, TX	659		
Houston-The Woodlands-Sugar Land, TX	2,430	Atlanta-Sandy Springs-Alpharetta, GA	570		
Miami-Fort Lauderdale-Pompano Beach, FL	2,198	Seattle-Tacoma-Bellevue, WA	566		
Atlanta-Sandy Springs-Alpharetta, GA	2,163	Miami-Fort Lauderdale-Pompano Beach, FL	530		
Seattle-Tacoma-Bellevue, WA	2,084	San Francisco-Oakland-Berkeley, CA	463		
Denver-Aurora-Lakewood, CO	1,938	Pittsburgh, PA	460		
Baltimore-Columbia-Towson, MD	1,903	Cincinnati, OH-KY-IN	459		
Minneapolis-St. Paul-Bloomington, MN-WI	1,793	Minneapolis-St. Paul-Bloomington, MN-WI	448		
Kansas City, MO-KS	1,639	Denver-Aurora-Lakewood, CO	420		
Portland-Vancouver-Hillsboro, OR-WA	1,565	Tampa-St. Petersburg-Clearwater, FL	404		
Tampa-St. Petersburg-Clearwater, FL	1,537	Portland-Vancouver-Hillsboro, OR-WA	388		
Pittsburgh, PA	1,437	Louisville/Jefferson County, KY-IN	386		
Orlando-Kissimmee-Sanford, FL	1,435	Baltimore-Columbia-Towson, MD	382		
Riverside-San Bernardino-Ontario, CA	1,433	St. Louis, MO-IL	349		
Cincinnati, OH-KY-IN	1,426	San Diego-Chula Vista-Carlsbad, CA	349		
St. Louis, MO-IL	1,394	Kansas City, MO-KS	347		