

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

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

Pharmacy Demand Report (PDR) Executive Summary

4th Quarter 2023

This is the executive summary of the Pharmacy Demand Report (PDR) for the fourth quarter 2023. An overview of the PDR can be found [online](#).

Pharmacists

There have been 79,032 job postings for pharmacists through the fourth quarter 2023, compared with 73,327 job postings for pharmacists through the same period in 2022. Highlights for pharmacist job postings for 2023 include:

- 19,154 job postings were reported for the first quarter, 20,541 postings were reported for the second quarter, 21,390 were reported for the third quarter, and 17,947 were reported for the fourth quarter;
- The highest number of job postings continue to be in the southern part of the country, followed by the west, midwest, and northeast;
- California has the highest number of job postings (8,529), followed by Texas (4,967), Florida (3,997), and New York (3,472). South Dakota (215), Hawaii (248), and Puerto Rico (263) had the lowest number of job postings;
- New York-Newark was the MSA with the highest number of job postings for all four quarters. The MSAs with the highest number of job postings in the first quarter included Los Angeles and Boston and in the second quarter included Chicago and Boston. The MSAs with the highest number of job postings in the third quarter included Chicago and Philadelphia and fourth quarter included Philadelphia and Boston; and
- The highest number of postings for all four quarters were for the Retail Pharmacist position (41,851) followed by Clinical Pharmacist position (19,685), Hospital Pharmacist position (7,341), the Other Pharmacist Occupations category (6,133), and Pharmacy Director position (4,022).

Pharmacy Technicians

There were 150,116 pharmacy technician job postings through the fourth quarter 2023, compared with 164,397 job postings for pharmacy technicians through the same period in 2022. Highlights for pharmacy technicians for 2023 include:

- 36,103 job postings were reported for the first quarter, 36,260 were reported for the second quarter, 39,580 were reported for the third quarter and 38,173 were reported for the fourth quarter;
- The highest number of job postings continue to be in the southern part of the country, followed by the midwest, west, and northeast;
- California has the highest number of job postings (14,547), followed by Texas (11,885), Florida (9,146), and Illinois (6,469). Wyoming (246), North Dakota (288), and Puerto Rico (293) had the lowest number of job postings;
- New York-Newark, Chicago, and Los Angeles had the highest number of job postings for the first, second and third quarters. For the fourth quarter the top MSAs included New York-Newark, Chicago, and Dallas

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										
	2022					2023				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	608	629	736	728	2,701	869	943	755	673	3,240
South	1,537	1,640	1,545	1,694	6,416	1,729	1,946	1,758	1,438	6,871
Midwest	1,018	970	1,116	1,321	4,425	1,178	1,236	1,125	917	4,456
West	1,210	1,297	1,504	1,512	5,523	1,493	1,441	1,179	978	5,091

Retail Pharmacist										
	2022					2023				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	1,679	1,805	2,743	1,948	8,175	1,828	1,989	2,558	1,952	8,327
South	3,343	3,011	4,064	3,402	13,820	3,349	3,735	4,409	3,513	15,006
Midwest	2,017	1,703	2,328	1,955	8,003	1,911	2,069	2,504	2,327	8,811
West	2,076	1,935	2,588	2,486	9,085	2,613	2,288	2,617	2,000	9,518

Hospital Pharmacist										
	2022					2023				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	252	254	320	250	1,076	359	376	346	322	1,403
South	479	444	489	376	1,788	479	669	585	531	2,264
Midwest	346	337	359	436	1,478	355	462	391	336	1,544
West	547	522	376	379	1,824	557	721	395	431	2,104

All Pharmacist Positions										
	2022					2023				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	2,867	3,107	4,178	3,326	13,478	3,405	3,810	4,139	3,485	14,839
South	6,124	5,943	6,833	6,198	25,098	6,369	7,266	7,932	6,360	27,927
Midwest	3,845	3,490	4,247	4,160	15,742	3,907	4,318	4,546	4,041	16,812
West	4,407	4,428	5,064	4,962	18,861	5,414	5,082	4,719	3,976	19,191

Other Pharmacist Occupations										
	2022					2023				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	153	213	221	274	861	215	353	364	371	1,303
South	332	385	390	353	1,460	416	519	765	535	2,235
Midwest	247	201	250	201	899	226	351	313	252	1,142
West	227	333	326	277	1,163	458	383	283	315	1,439

Pharmacy Technicians										
	2022					2023				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	5,665	6,366	6,903	6,829	25,763	5,431	5,485	6,854	6,903	24,673
South	14,833	14,065	15,221	14,326	58,445	13,099	13,830	14,170	13,933	55,032
Midwest	9,873	9,797	11,073	10,128	40,871	8,268	8,685	9,859	9,316	36,128
West	9,765	10,117	9,975	9,384	39,241	9,255	8,222	8,645	7,868	33,990

Pharmacy Director										
	2022					2023				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	175	206	158	126	665	134	149	116	167	566
South	433	463	345	373	1,614	396	397	415	343	1,551
Midwest	217	279	194	247	937	237	200	213	209	859
West	347	341	270	308	1,266	293	249	245	252	1,039

Pharmacy Demand Report (PDR)

Clinical Pharmacist

Job Postings Per State

State/Territory	2022						Postings Quotient for 2022	2023						Postings Quotient for 2023
	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total		Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	
Alabama	9,606	38	53	57	72	220	22.90	9,606	59	82	65	21	227	23.63
Alaska	1,002	12	17	29	19	77	76.85	1,002	16	12	25	25	78	77.84
Arizona	12,051	201	151	202	187	741	61.49	12,051	172	161	121	111	565	46.88
Arkansas	6,948	21	30	34	33	118	16.98	6,948	45	61	45	18	169	24.32
California	48,915	476	550	644	656	2,326	47.55	48,915	636	507	465	396	2,004	40.97
Colorado	8,874	115	141	116	119	491	55.33	8,874	117	131	62	66	376	42.37
Connecticut	5,545	79	52	56	64	251	45.27	5,545	65	112	97	67	341	61.50
Delaware	2,415	36	15	23	10	84	34.78	2,415	38	32	10	40	120	49.69
District of Columbia	2,036	12	16	19	23	70	34.38	2,036	40	54	46	31	171	83.99
Florida	35,824	461	410	305	365	1,541	43.02	35,824	359	306	319	261	1,245	34.75
Georgia	15,216	63	77	79	74	293	19.26	15,216	105	108	99	70	382	25.11
Hawaii	2,451	9	10	18	16	53	21.62	2,451	16	31	20	12	79	32.23
Idaho	3,911	54	51	55	56	216	55.23	3,911	46	82	70	28	226	57.79
Illinois	21,122	257	233	210	243	943	44.65	21,122	207	252	241	188	888	42.04
Indiana	11,497	67	65	104	100	336	29.23	11,497	110	84	93	89	376	32.70
Iowa	6,522	54	41	46	58	199	30.51	6,522	51	88	31	53	223	34.19
Kansas	8,065	51	49	54	61	215	26.66	8,065	90	97	82	60	329	40.79
Kentucky	10,939	53	52	45	83	233	21.30	10,939	81	71	60	73	285	26.05
Louisiana	9,572	53	65	157	83	358	37.40	9,572	100	151	58	54	363	37.92
Maine	2,343	15	18	24	34	91	38.84	2,343	48	26	25	16	115	49.08
Maryland	12,228	60	96	80	131	367	30.01	12,228	138	156	100	164	558	45.63
Massachusetts	14,555	131	154	171	158	614	42.18	14,555	179	221	179	175	754	51.80
Michigan	16,867	188	151	220	164	723	42.86	16,867	185	146	112	93	536	31.78
Minnesota	9,354	56	50	69	128	303	32.39	9,354	71	73	72	60	276	29.51
Mississippi	6,789	23	16	27	30	96	14.14	6,789	23	42	34	22	121	17.82
Missouri	11,878	105	79	102	117	403	33.93	11,878	136	112	166	90	504	42.43
Montana	2,288	39	39	28	48	154	67.31	2,288	21	33	28	28	110	48.08
Nebraska	5,495	19	24	54	56	153	27.84	5,495	41	51	38	16	146	26.57
Nevada	7,721	68	64	34	58	224	29.01	7,721	39	61	58	47	205	26.55
New Hampshire	2,827	23	41	21	28	113	39.97	2,827	23	41	31	18	113	39.97
New Jersey	18,019	90	94	114	103	401	22.25	18,019	121	108	112	73	414	22.98
New Mexico	3,158	24	27	53	48	152	48.13	3,158	69	54	66	68	257	81.38
New York	29,564	118	102	159	155	534	18.06	29,564	247	143	139	133	662	22.39
North Carolina	17,617	123	112	123	131	489	27.76	17,617	143	142	151	121	557	31.62
North Dakota	2,431	8	16	21	41	86	35.38	2,431	10	34	22	19	85	34.97
Ohio	21,740	142	203	166	212	723	33.26	21,740	176	187	145	172	680	31.28
Oklahoma	8,150	43	47	42	43	175	21.47	8,150	34	92	93	53	272	33.37
Oregon	8,737	80	93	161	86	420	48.07	8,737	149	136	85	75	445	50.93
Pennsylvania	24,587	133	138	159	141	571	23.22	24,587	159	208	121	144	632	25.70
Puerto Rico	5,340	0	6	4	3	13	2.43	5,340	8	6	8	5	27	5.06
Rhode Island	2,185	11	13	16	27	67	30.66	2,185	15	60	35	37	147	67.28
South Carolina	9,217	41	53	49	53	196	21.27	9,217	54	65	40	33	192	20.83
South Dakota	2,124	24	15	14	20	73	34.37	2,124	14	11	9	16	50	23.54
Tennessee	12,556	81	91	96	87	355	28.27	12,556	71	89	77	62	299	23.81
Texas	36,154	345	398	289	353	1,385	38.31	36,154	289	348	426	301	1,364	37.73
Utah	4,257	24	35	25	30	114	26.78	4,257	33	48	56	43	180	42.28
Vermont	1,404	8	17	16	18	59	42.02	1,404	12	24	16	10	62	44.16
Virginia	16,079	75	88	98	113	374	23.26	16,079	112	123	115	105	455	28.30
Washington	11,001	100	108	135	173	516	46.90	11,001	156	162	93	64	475	43.18
West Virginia	5,760	9	21	22	10	62	10.76	5,760	38	24	20	9	91	15.80
Wisconsin	8,942	47	44	56	121	268	29.97	8,942	87	101	114	61	363	40.59
Wyoming	1,452	8	11	4	16	39	26.86	1,452	23	23	30	15	91	62.67

Pharmacy Demand Report (PDR)

Clinical Pharmacist

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

2022		2023			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Chicago-Naperville-Elgin, IL-IN-WI	761	Chicago-Naperville-Elgin, IL-IN-WI	172	Chicago-Naperville-Elgin, IL-IN-WI	185
Los Angeles-Long Beach-Anaheim, CA	658	New York-Newark-Jersey City, NY-NJ-PA	154	New York-Newark-Jersey City, NY-NJ-PA	153
New York-Newark-Jersey City, NY-NJ-PA	622	Boston-Cambridge-Newton, MA-NH	142	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	141
Miami-Fort Lauderdale-Pompano Beach, FL	566	Los Angeles-Long Beach-Anaheim, CA	135	Boston-Cambridge-Newton, MA-NH	135
Boston-Cambridge-Newton, MA-NH	458	Miami-Fort Lauderdale-Pompano Beach, FL	122	Los Angeles-Long Beach-Anaheim, CA	109
Phoenix-Mesa-Chandler, AZ	415	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	117	Washington-Arlington-Alexandria, DC-VA-MD-WV	107
Dallas-Fort Worth-Arlington, TX	383	Baltimore-Columbia-Towson, MD	106	Houston-The Woodlands-Sugar Land, TX	96
Houston-The Woodlands-Sugar Land, TX	355	Phoenix-Mesa-Chandler, AZ	99	Baltimore-Columbia-Towson, MD	95
San Francisco-Oakland-Berkeley, CA	333	San Francisco-Oakland-Berkeley, CA	89	Dallas-Fort Worth-Arlington, TX	92
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	321	Denver-Aurora-Lakewood, CO	82	San Francisco-Oakland-Berkeley, CA	88
Detroit-Warren-Dearborn, MI	294	Orlando-Kissimmee-Sanford, FL	81	Phoenix-Mesa-Chandler, AZ	83
Denver-Aurora-Lakewood, CO	280	Kansas City, MO-KS	78	Miami-Fort Lauderdale-Pompano Beach, FL	81
Baltimore-Columbia-Towson, MD	273	Washington-Arlington-Alexandria, DC-VA-MD-WV	78	Denver-Aurora-Lakewood, CO	79
Seattle-Tacoma-Bellevue, WA	267	Sacramento-Roseville-Folsom, CA	75	Sacramento-Roseville-Folsom, CA	78
Portland-Vancouver-Hillsboro, OR-WA	241	Seattle-Tacoma-Bellevue, WA	75	Seattle-Tacoma-Bellevue, WA	77
Orlando-Kissimmee-Sanford, FL	240	Cleveland-Elyria, OH	72	Orlando-Kissimmee-Sanford, FL	64
Tampa-St. Petersburg-Clearwater, FL	237	Portland-Vancouver-Hillsboro, OR-WA	69	Cleveland-Elyria, OH	63
Kansas City, MO-KS	227	Dallas-Fort Worth-Arlington, TX	68	Kansas City, MO-KS	62
Sacramento-Roseville-Folsom, CA	207	Houston-The Woodlands-Sugar Land, TX	67	Portland-Vancouver-Hillsboro, OR-WA	60
Charlotte-Concord-Gastonia, NC-SC	206	St. Louis, MO-IL	60	Atlanta-Sandy Springs-Alpharetta, GA	57
Cincinnati, OH-KY-IN	205	San Antonio-New Braunfels, TX	59	Cincinnati, OH-KY-IN	57
San Jose-Sunnyvale-Santa Clara, CA	198	Syracuse, NY	58	Providence-Warwick, RI-MA	57
St. Louis, MO-IL	192	Tampa-St. Petersburg-Clearwater, FL	58	Minneapolis-St. Paul-Bloomington, MN-WI	54
New Orleans-Metairie, LA	191	Atlanta-Sandy Springs-Alpharetta, GA	57	New Haven-Milford, CT	50
Washington-Arlington-Alexandria, DC-VA-MD-WV	189	Detroit-Warren-Dearborn, MI	57	Boise City, ID	47
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Chicago-Naperville-Elgin, IL-IN-WI	174	Chicago-Naperville-Elgin, IL-IN-WI	138	Chicago-Naperville-Elgin, IL-IN-WI	138
New York-Newark-Jersey City, NY-NJ-PA	164	New York-Newark-Jersey City, NY-NJ-PA	130	New York-Newark-Jersey City, NY-NJ-PA	130
Houston-The Woodlands-Sugar Land, TX	120	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	120	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	120
Los Angeles-Long Beach-Anaheim, CA	107	Baltimore-Columbia-Towson, MD	115	Baltimore-Columbia-Towson, MD	115
Boston-Cambridge-Newton, MA-NH	106	Boston-Cambridge-Newton, MA-NH	109	Boston-Cambridge-Newton, MA-NH	109
Miami-Fort Lauderdale-Pompano Beach, FL	101	San Francisco-Oakland-Berkeley, CA	99	San Francisco-Oakland-Berkeley, CA	99
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	94	Los Angeles-Long Beach-Anaheim, CA	97	Los Angeles-Long Beach-Anaheim, CA	97
San Francisco-Oakland-Berkeley, CA	90	Washington-Arlington-Alexandria, DC-VA-MD-WV	86	Washington-Arlington-Alexandria, DC-VA-MD-WV	86
Dallas-Fort Worth-Arlington, TX	85	Dallas-Fort Worth-Arlington, TX	77	Dallas-Fort Worth-Arlington, TX	77
Washington-Arlington-Alexandria, DC-VA-MD-WV	79	Miami-Fort Lauderdale-Pompano Beach, FL	74	Miami-Fort Lauderdale-Pompano Beach, FL	74
Phoenix-Mesa-Chandler, AZ	78	Cleveland-Elyria, OH	73	Cleveland-Elyria, OH	73
Kansas City, MO-KS	76	Houston-The Woodlands-Sugar Land, TX	71	Houston-The Woodlands-Sugar Land, TX	71
Baltimore-Columbia-Towson, MD	71	Sacramento-Roseville-Folsom, CA	66	Sacramento-Roseville-Folsom, CA	66
San Antonio-New Braunfels, TX	69	Charlotte-Concord-Gastonia, NC-SC	62	Charlotte-Concord-Gastonia, NC-SC	62
Atlanta-Sandy Springs-Alpharetta, GA	67	Phoenix-Mesa-Chandler, AZ	62	Phoenix-Mesa-Chandler, AZ	62
St. Louis, MO-IL	65	San Antonio-New Braunfels, TX	56	San Antonio-New Braunfels, TX	56
Sacramento-Roseville-Folsom, CA	57	Atlanta-Sandy Springs-Alpharetta, GA	55	Atlanta-Sandy Springs-Alpharetta, GA	55
Tampa-St. Petersburg-Clearwater, FL	52	Orlando-Kissimmee-Sanford, FL	53	Orlando-Kissimmee-Sanford, FL	53
Cincinnati, OH-KY-IN	48	Kansas City, MO-KS	47	Kansas City, MO-KS	47
New Haven-Milford, CT	46	Tampa-St. Petersburg-Clearwater, FL	44	Tampa-St. Petersburg-Clearwater, FL	44
Minneapolis-St. Paul-Bloomington, MN-WI	45	Cincinnati, OH-KY-IN	42	Cincinnati, OH-KY-IN	42
Virginia Beach-Norfolk-Newport News, VA-NC	45	Louisville/Jefferson County, KY-IN	38	Louisville/Jefferson County, KY-IN	38
Oklahoma City, OK	43	Providence-Warwick, RI-MA	36	Providence-Warwick, RI-MA	36
Indianapolis-Carmel-Anderson, IN	41	Denver-Aurora-Lakewood, CO	36	Denver-Aurora-Lakewood, CO	36
Orlando-Kissimmee-Sanford, FL	39	Seattle-Tacoma-Bellevue, WA	35	Seattle-Tacoma-Bellevue, WA	35

Pharmacy Demand Report (PDR)

Hospital Pharmacist

Job Postings Per State

State/Territory	2022							2023						
	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023
Alabama	9,606	36	23	43	13	115	52.63	9,606	22	25	33	23	103	47.14
Alaska	1,002	10	2	5	7	24	23.95	1,002	2	7	9	14	32	31.94
Arizona	12,051	79	52	52	35	218	18.09	12,051	40	65	42	32	179	14.85
Arkansas	6,948	8	13	15	19	55	7.92	6,948	22	22	24	21	89	12.81
California	48,915	205	202	172	206	785	16.05	48,915	379	449	180	144	1,152	23.55
Colorado	8,874	55	72	35	24	186	20.96	8,874	20	28	21	35	104	11.72
Connecticut	5,545	17	16	15	14	62	11.18	5,545	23	29	27	30	109	19.66
Delaware	2,415	9	5	3	4	21	8.70	2,415	6	5	6	29	46	19.05
District of Columbia	2,036	4	1	2	6	13	6.39	2,036	3	4	3	1	11	5.40
Florida	35,824	116	90	58	53	317	8.85	35,824	61	83	59	75	278	7.76
Georgia	15,216	29	29	26	28	112	7.36	15,216	30	33	35	33	131	8.61
Hawaii	2,451	0	1	1	1	3	1.22	2,451	1	3	9	2	15	6.12
Idaho	3,911	20	29	14	19	82	20.97	3,911	24	12	23	12	71	18.15
Illinois	21,122	52	47	48	49	196	9.28	21,122	32	52	37	43	164	7.76
Indiana	11,497	43	48	55	35	181	15.74	11,497	26	57	59	55	197	17.13
Iowa	6,522	21	17	10	19	67	10.27	6,522	18	21	14	14	67	10.27
Kansas	8,065	22	15	14	11	62	7.69	8,065	14	10	9	11	44	5.46
Kentucky	10,939	35	20	26	11	92	8.41	10,939	26	33	30	22	111	10.15
Louisiana	9,572	12	23	66	13	114	11.91	9,572	21	85	25	35	166	17.34
Maine	2,343	4	3	4	5	16	6.83	2,343	52	17	31	7	107	45.67
Maryland	12,228	15	14	18	24	71	5.81	12,228	29	20	21	18	88	7.20
Massachusetts	14,555	24	19	28	25	96	6.60	14,555	35	47	36	27	145	9.96
Michigan	16,867	35	35	43	44	157	9.31	16,867	43	33	47	40	163	9.66
Minnesota	9,354	23	25	20	32	100	10.69	9,354	19	27	15	20	81	8.66
Mississippi	6,789	7	5	7	5	24	3.54	6,789	5	5	4	5	19	2.80
Missouri	11,878	15	21	27	14	77	6.48	11,878	38	55	55	36	184	15.49
Montana	2,288	15	8	8	8	39	17.05	2,288	10	9	17	27	63	27.53
Nebraska	5,495	17	12	13	16	58	10.56	5,495	10	28	9	4	51	9.28
Nevada	7,721	46	29	11	19	105	13.60	7,721	9	38	18	43	108	13.99
New Hampshire	2,827	7	15	7	12	41	14.50	2,827	18	11	6	5	40	14.15
New Jersey	18,019	49	68	61	48	226	12.54	18,019	72	81	70	56	279	15.48
New Mexico	3,158	13	32	7	12	64	20.27	3,158	24	33	19	32	108	34.20
New York	29,564	71	62	114	75	322	10.89	29,564	93	116	107	106	422	14.27
North Carolina	17,617	32	24	54	46	156	8.86	17,617	38	82	50	41	211	11.98
North Dakota	2,431	9	10	14	25	58	23.86	2,431	15	5	7	2	29	11.93
Ohio	21,740	69	68	63	78	278	12.79	21,740	84	132	87	79	382	17.57
Oklahoma	8,150	15	20	20	22	77	9.45	8,150	31	28	59	43	161	19.75
Oregon	8,737	26	37	32	12	107	12.25	8,737	17	29	15	15	76	8.70
Pennsylvania	24,587	74	64	87	63	288	11.71	24,587	61	69	66	75	271	11.02
Puerto Rico	5,340	1	2	3	2	8	1.50	5,340	1	10	3	12	26	4.87
Rhode Island	2,185	5	3	2	6	16	7.32	2,185	4	4	3	16	27	12.36
South Carolina	9,217	14	12	13	14	53	5.75	9,217	18	26	24	19	87	9.44
South Dakota	2,124	6	14	8	2	30	14.12	2,124	2	5	10	7	24	11.30
Tennessee	12,556	21	16	26	24	87	6.93	12,556	19	28	28	19	94	7.49
Texas	36,154	92	95	83	65	335	9.27	36,154	106	137	144	117	504	13.94
Utah	4,257	4	23	5	5	37	8.69	4,257	4	4	3	9	20	4.70
Vermont	1,404	1	4	2	2	9	6.41	1,404	1	2	0	0	3	2.14
Virginia	16,079	19	25	21	19	84	5.22	16,079	24	34	25	22	105	6.53
Washington	11,001	64	29	30	25	148	13.45	11,001	22	38	18	56	134	12.18
West Virginia	5,760	15	29	8	10	62	10.76	5,760	18	19	15	8	60	10.42
Wisconsin	8,942	34	25	44	111	214	23.93	8,942	54	37	42	25	158	17.67
Wyoming	1,452	10	6	4	6	26	17.91	1,452	5	6	21	10	42	28.93

Pharmacy Demand Report (PDR)

Hospital Pharmacist

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

2022		2023			
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	374	New York-Newark-Jersey City, NY-NJ-PA	126	New York-Newark-Jersey City, NY-NJ-PA	146
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	184	San Francisco-Oakland-Berkeley, CA	95	San Francisco-Oakland-Berkeley, CA	116
Los Angeles-Long Beach-Anaheim, CA	168	Sacramento-Roseville-Folsom, CA	66	Cleveland-Elyria, OH	71
Chicago-Naperville-Elgin, IL-IN-WI	154	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	47	Sacramento-Roseville-Folsom, CA	65
San Francisco-Oakland-Berkeley, CA	139	Los Angeles-Long Beach-Anaheim, CA	41	Los Angeles-Long Beach-Anaheim, CA	57
Houston-The Woodlands-Sugar Land, TX	107	Boston-Cambridge-Newton, MA-NH	27	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	47
Phoenix-Mesa-Chandler, AZ	104	Milwaukee-Waukesha, WI	27	Houston-The Woodlands-Sugar Land, TX	45
Denver-Aurora-Lakewood, CO	90	Houston-The Woodlands-Sugar Land, TX	26	Chicago-Naperville-Elgin, IL-IN-WI	43
San Diego-Chula Vista-Carlsbad, CA	88	Atlanta-Sandy Springs-Alpharetta, GA	25	Boston-Cambridge-Newton, MA-NH	36
Sacramento-Roseville-Folsom, CA	84	Chicago-Naperville-Elgin, IL-IN-WI	25	Las Vegas-Henderson-Paradise, NV	29
Miami-Fort Lauderdale-Pompano Beach, FL	82	Columbus, OH	23	New Orleans-Metairie, LA	29
Dallas-Fort Worth-Arlington, TX	80	San Jose-Sunnyvale-Santa Clara, CA	23	San Jose-Sunnyvale-Santa Clara, CA	28
Indianapolis-Carmel-Anderson, IN	79	Bakersfield, CA	21	Phoenix-Mesa-Chandler, AZ	27
Milwaukee-Waukesha, WI	78	Phoenix-Mesa-Chandler, AZ	20	San Diego-Chula Vista-Carlsbad, CA	26
Seattle-Tacoma-Bellevue, WA	76	San Diego-Chula Vista-Carlsbad, CA	20	Columbus, OH	25
Boston-Cambridge-Newton, MA-NH	75	Baltimore-Columbia-Towson, MD	19	Dallas-Fort Worth-Arlington, TX	21
Detroit-Warren-Dearborn, MI	67	Albuquerque, NM	18	Kansas City, MO-KS	21
Portland-Vancouver-Hillsboro, OR-WA	62	Dallas-Fort Worth-Arlington, TX	17	St. Louis, MO-IL	21
Kansas City, MO-KS	61	Boise City, ID	16	Atlanta-Sandy Springs-Alpharetta, GA	20
Tucson, AZ	60	Cleveland-Elyria, OH	16	Miami-Fort Lauderdale-Pompano Beach, FL	20
Las Vegas-Henderson-Paradise, NV	59	Hartford-East Hartford-Middletown, CT	16	Modesto, CA	19
Cincinnati, OH-KY-IN	58	Oklahoma City, OK	16	Oklahoma City, OK	18
New Orleans-Metairie, LA	58	Kansas City, MO-KS	15	Seattle-Tacoma-Bellevue, WA	18
Riverside-San Bernardino-Ontario, CA	57	Lebanon, NH-VT	15	Milwaukee-Waukesha, WI	17
Pittsburgh, PA	56	Stockton, CA	15	Santa Rosa-Petaluma, CA	17
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	130	New York-Newark-Jersey City, NY-NJ-PA	119	New York-Newark-Jersey City, NY-NJ-PA	119
Oklahoma City, OK	41	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	56	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	56
Houston-The Woodlands-Sugar Land, TX	39	Chicago-Naperville-Elgin, IL-IN-WI	39	Chicago-Naperville-Elgin, IL-IN-WI	39
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	36	Seattle-Tacoma-Bellevue, WA	38	Seattle-Tacoma-Bellevue, WA	38
Los Angeles-Long Beach-Anaheim, CA	35	Los Angeles-Long Beach-Anaheim, CA	34	Los Angeles-Long Beach-Anaheim, CA	34
San Francisco-Oakland-Berkeley, CA	34	Houston-The Woodlands-Sugar Land, TX	28	Houston-The Woodlands-Sugar Land, TX	28
Dallas-Fort Worth-Arlington, TX	31	Pittsburgh, PA	27	Pittsburgh, PA	27
St. Louis, MO-IL	30	Miami-Fort Lauderdale-Pompano Beach, FL	25	Miami-Fort Lauderdale-Pompano Beach, FL	25
Chicago-Naperville-Elgin, IL-IN-WI	29	Sacramento-Roseville-Folsom, CA	24	Sacramento-Roseville-Folsom, CA	24
Boston-Cambridge-Newton, MA-NH	26	Cincinnati, OH-KY-IN	22	Cincinnati, OH-KY-IN	22
Phoenix-Mesa-Chandler, AZ	22	San Diego-Chula Vista-Carlsbad, CA	21	San Diego-Chula Vista-Carlsbad, CA	21
San Diego-Chula Vista-Carlsbad, CA	21	Columbus, OH	20	Columbus, OH	20
Indianapolis-Carmel-Anderson, IN	20	Atlanta-Sandy Springs-Alpharetta, GA	20	Atlanta-Sandy Springs-Alpharetta, GA	20
Pittsburgh, PA	20	Oklahoma City, OK	19	Oklahoma City, OK	19
Louisville/Jefferson County, KY-IN	19	Denver-Aurora-Lakewood, CO	18	Denver-Aurora-Lakewood, CO	18
Baltimore-Columbia-Towson, MD	18	Las Vegas-Henderson-Paradise, NV	17	Las Vegas-Henderson-Paradise, NV	17
Toledo, OH	18	Boston-Cambridge-Newton, MA-NH	17	Boston-Cambridge-Newton, MA-NH	17
Atlanta-Sandy Springs-Alpharetta, GA	17	Phoenix-Mesa-Chandler, AZ	17	Phoenix-Mesa-Chandler, AZ	17
Cincinnati, OH-KY-IN	17	Providence-Warwick, RI-MA	17	Providence-Warwick, RI-MA	17
Columbus, OH	17	Dallas-Fort Worth-Arlington, TX	17	Dallas-Fort Worth-Arlington, TX	17
Sacramento-Roseville-Folsom, CA	17	Albuquerque, NM	16	Albuquerque, NM	16
Detroit-Warren-Dearborn, MI	16	Kansas City, MO-KS	16	Kansas City, MO-KS	16
Hartford-East Hartford-Middletown, CT	15	Reno, NV	14	Reno, NV	14
Lewiston-Auburn, ME	15	Detroit-Warren-Dearborn, MI	13	Detroit-Warren-Dearborn, MI	13
New Orleans-Metairie, LA	15	Cleveland-Elyria, OH	13	Cleveland-Elyria, OH	13

Pharmacy Demand Report (PDR)

Other Pharmacist Occupations

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

Job Postings Per State

State/Territory	2022							2023						
	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023
Alabama	9,606	18	10	8	4	40	4.16	9,606	7	7	7	14	35	3.64
Alaska	1,002	5	8	4	1	18	17.96	1,002	2	7	15	4	28	27.94
Arizona	12,051	31	28	59	35	153	12.70	12,051	45	35	41	34	155	12.86
Arkansas	6,948	9	6	6	2	23	3.31	6,948	7	13	6	17	43	6.19
California	48,915	104	195	145	139	583	11.92	48,915	315	177	104	162	758	15.50
Colorado	8,874	23	28	23	15	89	10.03	8,874	17	30	21	13	81	9.13
Connecticut	5,545	12	17	21	13	63	11.36	5,545	11	37	23	15	86	15.51
Delaware	2,415	6	3	4	1	14	5.80	2,415	6	6	3	4	19	7.87
District of Columbia	2,036	5	1	3	5	14	6.88	2,036	12	3	3	5	23	11.30
Florida	35,824	63	52	54	65	234	6.53	35,824	72	117	72	36	297	8.29
Georgia	15,216	26	56	61	50	193	12.68	15,216	41	36	63	20	160	10.52
Hawaii	2,451	0	5	14	20	39	15.91	2,451	5	8	8	11	32	13.06
Idaho	3,911	6	9	7	7	29	7.41	3,911	10	3	14	8	35	8.95
Illinois	21,122	43	45	59	43	190	9.00	21,122	37	67	85	36	225	10.65
Indiana	11,497	18	10	20	20	68	5.91	11,497	21	45	31	28	125	10.87
Iowa	6,522	9	7	6	11	33	5.06	6,522	11	8	13	6	38	5.83
Kansas	8,065	10	11	4	7	32	3.97	8,065	22	8	11	14	55	6.82
Kentucky	10,939	7	10	8	12	37	3.38	10,939	8	20	27	26	81	7.40
Louisiana	9,572	11	15	20	31	77	8.04	9,572	34	16	85	8	143	14.94
Maine	2,343	4	7	5	7	23	9.82	2,343	4	6	8	3	21	8.96
Maryland	12,228	17	24	15	18	74	6.05	12,228	35	23	71	24	153	12.51
Massachusetts	14,555	46	50	52	67	215	14.77	14,555	36	50	45	57	188	12.92
Michigan	16,867	44	38	43	29	154	9.13	16,867	20	18	37	26	101	5.99
Minnesota	9,354	18	15	13	12	58	6.20	9,354	16	43	31	21	111	11.87
Mississippi	6,789	3	3	4	3	13	1.91	6,789	1	1	6	4	12	1.77
Missouri	11,878	26	8	15	13	62	5.22	11,878	20	22	10	14	66	5.56
Montana	2,288	4	4	9	6	23	10.05	2,288	4	14	6	6	30	13.11
Nebraska	5,495	4	3	8	5	20	3.64	5,495	2	8	2	6	18	3.28
Nevada	7,721	6	8	11	2	27	3.50	7,721	2	12	4	10	28	3.63
New Hampshire	2,827	3	2	10	16	31	10.97	2,827	9	6	9	2	26	9.20
New Jersey	18,019	29	35	22	27	113	6.27	18,019	18	38	35	55	146	8.10
New Mexico	3,158	6	6	6	4	22	6.97	3,158	9	24	12	7	52	16.47
New York	29,564	33	65	65	76	239	8.08	29,564	68	130	178	88	464	15.69
North Carolina	17,617	52	26	33	30	141	8.00	17,617	42	54	79	114	289	16.40
North Dakota	2,431	4	0	2	3	9	3.70	2,431	1	48	12	3	64	26.33
Ohio	21,740	34	36	64	32	166	7.64	21,740	21	33	57	65	176	8.10
Oklahoma	8,150	7	18	22	16	63	7.73	8,150	19	48	50	71	188	23.07
Oregon	8,737	13	15	19	16	63	7.21	8,737	17	23	13	17	70	8.01
Pennsylvania	24,587	24	30	41	55	150	6.10	24,587	65	79	53	139	336	13.67
Puerto Rico	5,340	0	11	0	0	11	2.06	5,340	3	2	3	6	14	2.62
Rhode Island	2,185	1	4	4	9	18	8.24	2,185	3	5	9	8	25	11.44
South Carolina	9,217	6	5	5	9	25	2.71	9,217	6	8	21	13	48	5.21
South Dakota	2,124	4	6	1	4	15	7.06	2,124	6	18	7	8	39	18.36
Tennessee	12,556	17	26	34	13	90	7.17	12,556	22	19	19	39	99	7.88
Texas	36,154	54	91	85	70	300	8.30	36,154	72	101	210	96	479	13.25
Utah	4,257	1	2	1	2	6	1.41	4,257	2	8	5	5	20	4.70
Vermont	1,404	1	3	1	4	9	6.41	1,404	1	2	4	4	11	7.83
Virginia	16,079	26	29	19	21	95	5.91	16,079	28	37	35	40	140	8.71
Washington	11,001	28	20	27	28	103	9.36	11,001	29	39	28	35	131	11.91
West Virginia	5,760	5	10	9	3	27	4.69	5,760	4	10	8	4	26	4.51
Wisconsin	8,942	33	22	15	22	92	10.29	8,942	49	33	17	25	124	13.87
Wyoming	1,452	0	5	1	2	8	5.51	1,452	1	3	12	3	19	13.09

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)

2022		2023			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA	234	Los Angeles-Long Beach-Anaheim, CA	180	New York-Newark-Jersey City, NY-NJ-PA	97
New York-Newark-Jersey City, NY-NJ-PA	224	Riverside-San Bernardino-Ontario, CA	54	Chicago-Naperville-Elgin, IL-IN-WI	55
Boston-Cambridge-Newton, MA-NH	177	New York-Newark-Jersey City, NY-NJ-PA	51	Boston-Cambridge-Newton, MA-NH	44
Chicago-Naperville-Elgin, IL-IN-WI	147	Phoenix-Mesa-Chandler, AZ	39	Tulsa, OK	41
Atlanta-Sandy Springs-Alpharetta, GA	121	Boston-Cambridge-Newton, MA-NH	32	Los Angeles-Long Beach-Anaheim, CA	40
Phoenix-Mesa-Chandler, AZ	105	Chicago-Naperville-Elgin, IL-IN-WI	29	Sacramento-Roseville-Folsom, CA	38
Detroit-Warren-Dearborn, MI	94	Atlanta-Sandy Springs-Alpharetta, GA	27	Houston-The Woodlands-Sugar Land, TX	37
Austin-Round Rock-Georgetown, TX	78	Dallas-Fort Worth-Arlington, TX	27	Syracuse, NY	31
Miami-Fort Lauderdale-Pompano Beach, FL	77	Baltimore-Columbia-Towson, MD	24	Charlotte-Concord-Gastonia, NC-SC	30
Dallas-Fort Worth-Arlington, TX	75	Washington-Arlington-Alexandria, DC-VA-MD-WV	23	Dallas-Fort Worth-Arlington, TX	30
San Francisco-Oakland-Berkeley, CA	70	Kansas City, MO-KS	22	Gainesville, FL	29
Sacramento-Roseville-Folsom, CA	63	Raleigh-Cary, NC	22	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	29
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	61	Miami-Fort Lauderdale-Pompano Beach, FL	21	Washington-Arlington-Alexandria, DC-VA-MD-WV	25
Portland-Vancouver-Hillsboro, OR-WA	57	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	20	San Francisco-Oakland-Berkeley, CA	24
Baltimore-Columbia-Towson, MD	53	Wisconsin Rapids-Marshfield, WI	19	Denver-Aurora-Lakewood, CO	23
Seattle-Tacoma-Bellevue, WA	52	Orlando-Kissimmee-Sanford, FL	18	Phoenix-Mesa-Chandler, AZ	22
Houston-The Woodlands-Sugar Land, TX	51	York-Hanover, PA	18	Pittsburgh, PA	22
Milwaukee-Waukesha, WI	50	New Orleans-Metairie, LA	17	Seattle-Tacoma-Bellevue, WA	22
New Orleans-Metairie, LA	47	Sacramento-Roseville-Folsom, CA	16	Indianapolis-Carmel-Anderson, IN	21
San Diego-Chula Vista-Carlsbad, CA	47	Seattle-Tacoma-Bellevue, WA	16	Crestview-Fort Walton Beach-Destin, FL	20
Albany-Schenectady-Troy, NY	45	Minneapolis-St. Paul-Bloomington, MN-WI	13	Milwaukee-Waukesha, WI	20
Pittsburgh, PA	45	Denver-Aurora-Lakewood, CO	12	Minneapolis-St. Paul-Bloomington, MN-WI	20
Washington-Arlington-Alexandria, DC-VA-MD-WV	44	Oxnard-Thousand Oaks-Ventura, CA	12	Riverside-San Bernardino-Ontario, CA	19
Charlotte-Concord-Gastonia, NC-SC	43	Portland-Vancouver-Hillsboro, OR-WA	11	Miami-Fort Lauderdale-Pompano Beach, FL	18
Cincinnati, OH-KY-IN	43	San Antonio-New Braunfels, TX	11	Portland-Vancouver-Hillsboro, OR-WA	16
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		San Antonio-New Braunfels, TX	82	New York-Newark-Jersey City, NY-NJ-PA	100
		New York-Newark-Jersey City, NY-NJ-PA	72	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	81
		Baltimore-Columbia-Towson, MD	51	Los Angeles-Long Beach-Anaheim, CA	60
		Houston-The Woodlands-Sugar Land, TX	51	Oklahoma City, OK	57
		New Orleans-Metairie, LA	42	Boston-Cambridge-Newton, MA-NH	37
		Boston-Cambridge-Newton, MA-NH	41	Charlotte-Concord-Gastonia, NC-SC	35
		Syracuse, NY	39	Cincinnati, OH-KY-IN	33
		Fayetteville, NC	38	Akron, OH	23
		Chicago-Naperville-Elgin, IL-IN-WI	37	Washington-Arlington-Alexandria, DC-VA-MD-WV	23
		Tulsa, OK	37	Bakersfield, CA	23
		Cincinnati, OH-KY-IN	34	Greensboro-High Point, NC	22
		Miami-Fort Lauderdale-Pompano Beach, FL	34	Nashville-Davidson--Murfreesboro--Franklin, TN	21
		Washington-Arlington-Alexandria, DC-VA-MD-WV	32	Chicago-Naperville-Elgin, IL-IN-WI	21
		Springfield, IL	30	Pittsburgh, PA	20
		Los Angeles-Long Beach-Anaheim, CA	27	Miami-Fort Lauderdale-Pompano Beach, FL	19
		Phoenix-Mesa-Chandler, AZ	27	Austin-Round Rock-Georgetown, TX	19
		Savannah, GA	27	Phoenix-Mesa-Chandler, AZ	19
		Atlanta-Sandy Springs-Alpharetta, GA	23	Houston-The Woodlands-Sugar Land, TX	18
		Minneapolis-St. Paul-Bloomington, MN-WI	22	Fayetteville, NC	18
		Natchitoches, LA	22	Worcester, MA-CT	18
		Detroit-Warren-Dearborn, MI	21	Sacramento-Roseville-Folsom, CA	18
		San Francisco-Oakland-Berkeley, CA	19	Kansas City, MO-KS	16
		Buffalo-Cheektowaga, NY	18	Dallas-Fort Worth-Arlington, TX	16
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	18	San Antonio-New Braunfels, TX	15
		Albany-Schenectady-Troy, NY	17	Knoxville, TN	15

Pharmacy Demand Report (PDR)

Pharmacy Director

Job Postings Per State

State/Territory	2022						2023							
	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023
Alabama	9,606	12	8	12	12	44	4.58	9,606	9	7	13	13	42	4.37
Alaska	1,002	0	11	3	4	18	17.96	1,002	1	3	3	8	15	14.97
Arizona	12,051	38	72	32	75	217	18.01	12,051	36	35	19	32	122	10.12
Arkansas	6,948	12	5	14	16	47	6.76	6,948	16	18	7	10	51	7.34
California	48,915	165	133	99	97	494	10.10	48,915	136	111	99	84	430	8.79
Colorado	8,874	35	20	20	3	78	8.79	8,874	6	17	16	7	46	5.18
Connecticut	5,545	17	23	11	14	65	11.72	5,545	11	6	3	11	31	5.59
Delaware	2,415	4	2	2	5	13	5.38	2,415	2	3	1	5	11	4.55
District of Columbia	2,036	8	3	9	9	29	14.24	2,036	6	9	8	0	23	11.30
Florida	35,824	67	67	49	43	226	6.31	35,824	71	36	56	46	209	5.83
Georgia	15,216	29	18	8	19	74	4.86	15,216	10	23	19	16	68	4.47
Hawaii	2,451	0	0	3	4	7	2.86	2,451	3	3	0	1	7	2.86
Idaho	3,911	7	1	7	18	33	8.44	3,911	19	9	13	15	56	14.32
Illinois	21,122	44	53	29	37	163	7.72	21,122	25	30	31	48	134	6.34
Indiana	11,497	25	35	11	33	104	9.05	11,497	43	26	37	9	115	10.00
Iowa	6,522	16	13	8	13	50	7.67	6,522	7	10	5	7	29	4.45
Kansas	8,065	10	14	23	12	59	7.32	8,065	10	22	11	14	57	7.07
Kentucky	10,939	12	25	6	20	63	5.76	10,939	20	17	22	28	87	7.95
Louisiana	9,572	11	25	17	18	71	7.42	9,572	36	21	12	4	73	7.63
Maine	2,343	8	7	6	8	29	12.38	2,343	4	5	3	6	18	7.68
Maryland	12,228	10	16	16	15	57	4.66	12,228	15	20	10	17	62	5.07
Massachusetts	14,555	28	34	28	22	112	7.69	14,555	31	32	18	42	123	8.45
Michigan	16,867	13	12	16	28	69	4.09	16,867	18	14	39	23	94	5.57
Minnesota	9,354	20	25	6	20	71	7.59	9,354	14	14	10	12	50	5.35
Mississippi	6,789	10	15	9	19	53	6.78	6,789	6	5	10	4	25	3.68
Missouri	11,878	25	41	17	22	105	8.84	11,878	20	18	18	24	80	6.74
Montana	2,288	8	4	8	5	25	10.93	2,288	2	13	36	27	78	34.09
Nebraska	5,495	1	4	5	8	18	3.28	5,495	3	6	7	10	26	4.73
Nevada	7,721	14	17	9	9	49	6.35	7,721	21	10	13	11	55	7.12
New Hampshire	2,827	4	20	3	4	31	10.97	2,827	8	4	18	36	66	23.35
New Jersey	18,019	33	22	23	15	93	5.16	18,019	17	24	8	8	57	3.16
New Mexico	3,158	22	17	17	19	75	23.75	3,158	21	18	15	15	69	21.85
New York	29,564	44	57	50	32	183	6.19	29,564	25	32	35	32	124	4.19
North Carolina	17,617	29	33	13	20	95	5.39	17,617	18	14	21	8	61	3.46
North Dakota	2,431	1	1	2	12	16	6.58	2,431	10	5	6	4	25	10.28
Ohio	21,740	35	50	48	39	172	7.91	21,740	31	32	26	43	132	6.07
Oklahoma	8,150	16	18	17	12	63	7.73	8,150	17	18	33	10	78	9.57
Oregon	8,737	24	25	39	26	114	13.05	8,737	20	12	18	18	68	7.78
Pennsylvania	24,587	27	30	22	18	97	3.95	24,587	28	32	25	25	110	4.47
Puerto Rico	5,340	1	0	3	1	5	0.94	5,340	3	0	1	3	7	1.31
Rhode Island	2,185	2	8	7	5	22	10.07	2,185	3	8	3	2	16	7.32
South Carolina	9,217	15	10	9	9	43	4.67	9,217	14	30	23	7	74	8.03
South Dakota	2,124	9	3	2	5	19	8.95	2,124	12	7	3	4	26	12.24
Tennessee	12,556	33	29	23	32	117	9.32	12,556	27	44	24	26	121	9.64
Texas	36,154	123	150	123	93	489	13.53	36,154	103	97	122	105	427	11.81
Utah	4,257	4	3	3	17	27	6.34	4,257	10	6	5	9	30	7.05
Vermont	1,404	12	5	8	8	33	23.50	1,404	7	6	3	5	21	14.96
Virginia	16,079	36	31	13	21	101	6.28	16,079	17	23	23	13	76	4.73
Washington	11,001	25	31	24	29	109	9.91	11,001	15	10	8	24	57	5.18
West Virginia	5,760	6	8	5	10	29	5.03	5,760	9	12	11	31	63	10.94
Wisconsin	8,942	18	28	27	18	91	10.18	8,942	44	16	20	11	91	10.18
Wyoming	1,452	5	7	6	2	20	13.77	1,452	3	2	0	1	6	4.13

Pharmacy Demand Report (PDR)

Pharmacy Director

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

2022		2023			
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	200	Los Angeles-Long Beach-Anaheim, CA	57	New York-Newark-Jersey City, NY-NJ-PA	38
Los Angeles-Long Beach-Anaheim, CA	182	New York-Newark-Jersey City, NY-NJ-PA	36	Los Angeles-Long Beach-Anaheim, CA	37
Phoenix-Mesa-Chandler, AZ	143	Houston-The Woodlands-Sugar Land, TX	33	Dallas-Fort Worth-Arlington, TX	30
Chicago-Naperville-Elgin, IL-IN-WI	128	Milwaukee-Waukesha, WI	33	Boston-Cambridge-Newton, MA-NH	28
Dallas-Fort Worth-Arlington, TX	128	Indianapolis-Carmel-Anderson, IN	28	Phoenix-Mesa-Chandler, AZ	26
Boston-Cambridge-Newton, MA-NH	100	Boston-Cambridge-Newton, MA-NH	26	Chicago-Naperville-Elgin, IL-IN-WI	24
Houston-The Woodlands-Sugar Land, TX	88	Dallas-Fort Worth-Arlington, TX	23	Washington-Arlington-Alexandria, DC-VA-MD-WV	23
Miami-Fort Lauderdale-Pompano Beach, FL	76	Washington-Arlington-Alexandria, DC-VA-MD-WV	22	Houston-The Woodlands-Sugar Land, TX	21
Washington-Arlington-Alexandria, DC-VA-MD-WV	75	Miami-Fort Lauderdale-Pompano Beach, FL	20	San Antonio-New Braunfels, TX	18
San Francisco-Oakland-Berkeley, CA	67	Phoenix-Mesa-Chandler, AZ	20	San Francisco-Oakland-Berkeley, CA	16
San Antonio-New Braunfels, TX	65	Orlando-Kissimmee-Sanford, FL	19	Atlanta-Sandy Springs-Alpharetta, GA	14
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	63	Chicago-Naperville-Elgin, IL-IN-WI	18	Charleston-North Charleston, SC	14
Minneapolis-St. Paul-Bloomington, MN-WI	57	San Francisco-Oakland-Berkeley, CA	17	Memphis, TN-MS-AR	14
Austin-Round Rock-Georgetown, TX	54	Nashville-Davidson--Murfreesboro--Franklin, TN	15	Kansas City, MO-KS	13
Portland-Vancouver-Hillsboro, OR-WA	54	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	15	St. Louis, MO-IL	13
Indianapolis-Carmel-Anderson, IN	50	Tucson, AZ	14	Sacramento-Roseville-Folsom, CA	12
St. Louis, MO-IL	50	San Diego-Chula Vista-Carlsbad, CA	13	Detroit-Warren-Dearborn, MI	11
Seattle-Tacoma-Bellevue, WA	50	Cincinnati, OH-KY-IN	11	Louisville/Jefferson County, KY-IN	11
Kansas City, MO-KS	48	Pittsburgh, PA	11	Minneapolis-St. Paul-Bloomington, MN-WI	11
San Diego-Chula Vista-Carlsbad, CA	48	Las Vegas-Henderson-Paradise, NV	10	Nashville-Davidson--Murfreesboro--Franklin, TN	11
Cincinnati, OH-KY-IN	44	Louisville/Jefferson County, KY-IN	10	Cincinnati, OH-KY-IN	10
Columbus, OH	44	Riverside-San Bernardino-Ontario, CA	10	Oklahoma City, OK	10
Virginia Beach-Norfolk-Newport News, VA-NC	44	Boise City, ID	9	Riverside-San Bernardino-Ontario, CA	10
Tampa-St. Petersburg-Clearwater, FL	43	St. Louis, MO-IL	9	Tulahoma-Manchester, TN	10
Atlanta-Sandy Springs-Alpharetta, GA	42	San Antonio-New Braunfels, TX	9	Baltimore-Columbia-Towson, MD	9
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Houston-The Woodlands-Sugar Land, TX	43	Chicago-Naperville-Elgin, IL-IN-WI	37		
Louisville/Jefferson County, KY-IN	39	Houston-The Woodlands-Sugar Land, TX	35		
Billings, MT	31	Los Angeles-Long Beach-Anaheim, CA	34		
New York-Newark-Jersey City, NY-NJ-PA	29	New York-Newark-Jersey City, NY-NJ-PA	32		
Los Angeles-Long Beach-Anaheim, CA	25	Boston-Cambridge-Newton, MA-NH	30		
Dallas-Fort Worth-Arlington, TX	24	Billings, MT	25		
Chicago-Naperville-Elgin, IL-IN-WI	21	San Antonio-New Braunfels, TX	22		
San Antonio-New Braunfels, TX	20	Dallas-Fort Worth-Arlington, TX	22		
Boston-Cambridge-Newton, MA-NH	18	Louisville/Jefferson County, KY-IN	21		
Oklahoma City, OK	18	San Francisco-Oakland-Berkeley, CA	19		
Miami-Fort Lauderdale-Pompano Beach, FL	17	Berlin, NH	17		
Sacramento-Roseville-Folsom, CA	15	Miami-Fort Lauderdale-Pompano Beach, FL	17		
Virginia Beach-Norfolk-Newport News, VA-NC	15	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	16		
Charleston-North Charleston, SC	14	Columbus, OH	14		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	14	Tucson, AZ	14		
Phoenix-Mesa-Chandler, AZ	13	Phoenix-Mesa-Chandler, AZ	14		
Portland-Vancouver-Hillsboro, OR-WA	13	Portland-Vancouver-Hillsboro, OR-WA	13		
St. Louis, MO-IL	13	Seattle-Tacoma-Bellevue, WA	13		
Berlin, NH	11	Weirton-Steubenville, WV-OH	12		
Detroit-Warren-Dearborn, MI	11	Baltimore-Columbia-Towson, MD	12		
Riverside-San Bernardino-Ontario, CA	11	Beckley, WV	11		
Washington-Arlington-Alexandria, DC-VA-MD-WV	11	Nashville-Davidson--Murfreesboro--Franklin, TN	10		
Kansas City, MO-KS	10	St. Louis, MO-IL	10		
Las Vegas-Henderson-Paradise, NV	10	Cleveland-Elyria, OH	10		
Atlanta-Sandy Springs-Alpharetta, GA	9	Washington-Arlington-Alexandria, DC-VA-MD-WV	9		

Pharmacy Demand Report (PDR)

Retail Pharmacist

Job Postings Per State

State/Territory	2022							2023						
	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023
Alabama	9,606	198	139	209	182	728	75.79	9,606	152	152	198	148	650	67.67
Alaska	1,002	29	23	15	18	85	84.83	1,002	18	32	41	38	129	128.74
Arizona	12,051	200	181	243	200	824	68.38	12,051	276	217	227	322	1,042	86.47
Arkansas	6,948	110	89	84	88	371	53.40	6,948	90	80	107	86	363	52.25
California	48,915	884	905	1,194	1,218	4,201	85.88	48,915	1,329	969	1,226	661	4,185	85.56
Colorado	8,874	146	128	167	171	612	68.97	8,874	172	289	271	188	920	103.67
Connecticut	5,545	167	216	276	175	834	150.41	5,545	161	236	226	161	784	141.39
Delaware	2,415	45	56	50	42	193	79.92	2,415	46	65	65	88	264	109.32
District of Columbia	2,036	24	13	32	26	95	46.66	2,036	12	17	44	28	101	49.61
Florida	35,824	533	459	550	456	1,998	55.77	35,824	475	521	544	428	1,968	54.94
Georgia	15,216	349	244	480	275	1,348	88.59	15,216	277	235	309	232	1,053	69.20
Hawaii	2,451	54	23	29	37	143	58.34	2,451	19	25	34	37	115	46.92
Idaho	3,911	70	48	52	106	276	70.57	3,911	72	62	65	57	256	65.46
Illinois	21,122	293	244	408	308	1,253	59.32	21,122	338	370	418	378	1,504	71.21
Indiana	11,497	386	327	261	250	1,224	106.46	11,497	290	232	278	338	1,138	98.98
Iowa	6,522	98	60	74	83	315	48.30	6,522	80	129	92	141	442	67.77
Kansas	8,065	81	86	78	95	340	42.16	8,065	82	88	132	169	471	58.40
Kentucky	10,939	210	165	129	146	650	59.42	10,939	176	194	226	370	966	88.31
Louisiana	9,572	181	149	159	171	660	68.95	9,572	159	233	256	183	831	86.82
Maine	2,343	60	45	69	50	224	95.60	2,343	95	62	105	101	363	154.93
Maryland	12,228	162	173	239	181	755	61.74	12,228	199	216	265	162	842	68.86
Massachusetts	14,555	262	331	472	424	1,489	102.30	14,555	309	395	367	341	1,412	97.01
Michigan	16,867	289	203	227	223	942	55.85	16,867	188	153	223	195	759	45.00
Minnesota	9,354	169	101	185	163	618	66.07	9,354	174	178	255	184	791	84.56
Mississippi	6,789	93	76	64	67	300	44.19	6,789	53	88	122	101	364	53.62
Missouri	11,878	168	161	218	182	729	61.37	11,878	183	213	215	217	828	69.71
Montana	2,288	27	52	38	34	151	66.00	2,288	38	55	65	69	227	99.21
Nebraska	5,495	58	50	58	59	225	40.95	5,495	57	81	88	84	310	56.41
Nevada	7,721	61	49	67	35	212	27.46	7,721	41	66	66	72	245	31.73
New Hampshire	2,827	52	67	99	128	346	122.39	2,827	119	80	126	97	422	149.27
New Jersey	18,019	270	313	513	319	1,415	78.53	18,019	322	299	523	421	1,565	86.85
New Mexico	3,158	44	45	56	66	211	66.81	3,158	53	85	139	89	366	115.90
New York	29,564	422	351	686	393	1,852	62.64	29,564	428	426	588	358	1,800	60.88
North Carolina	17,617	175	219	356	346	1,096	62.21	17,617	308	354	441	312	1,415	80.32
North Dakota	2,431	14	24	28	36	102	41.96	2,431	25	40	29	24	118	48.54
Ohio	21,740	242	300	501	333	1,376	63.29	21,740	308	359	405	322	1,394	64.12
Oklahoma	8,150	121	126	167	144	558	68.47	8,150	141	217	221	198	777	95.34
Oregon	8,737	140	111	267	201	719	82.29	8,737	240	177	163	172	752	86.07
Pennsylvania	24,587	365	391	495	361	1,612	65.56	24,587	309	406	513	410	1,638	66.62
Puerto Rico	5,340	30	34	27	20	111	20.79	5,340	44	47	39	59	189	35.39
Rhode Island	2,185	46	36	59	58	199	91.08	2,185	42	30	60	38	170	77.80
South Carolina	9,217	116	145	146	155	562	mk	9,217	180	133	194	188	695	75.40
South Dakota	2,124	42	23	19	13	97	45.67	2,124	12	5	14	45	76	35.78
Tennessee	12,556	236	192	190	158	776	61.80	12,556	156	152	176	150	634	50.49
Texas	36,154	447	476	693	584	2,200	60.85	36,154	480	525	745	443	2,193	60.66
Utah	4,257	39	22	46	28	135	31.71	4,257	45	31	58	71	205	48.16
Vermont	1,404	35	55	74	40	204	145.30	1,404	43	55	50	25	173	123.22
Virginia	16,079	232	227	401	285	1,145	71.21	16,079	361	444	382	308	1,495	92.98
Washington	11,001	354	333	404	344	1,435	130.44	11,001	273	242	235	212	962	87.45
West Virginia	5,760	111	63	115	96	385	66.84	5,760	84	109	114	88	395	68.58
Wisconsin	8,942	177	124	271	210	782	87.45	8,942	174	221	355	230	980	109.60
Wyoming	1,452	28	15	10	28	81	55.79	1,452	37	38	27	12	114	78.51

Pharmacy Demand Report (PDR)

Retail Pharmacist

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

2022		2023			
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	1,817	New York-Newark-Jersey City, NY-NJ-PA	373	New York-Newark-Jersey City, NY-NJ-PA	369
Boston-Cambridge-Newton, MA-NH	1,018	Los Angeles-Long Beach-Anaheim, CA	237	Chicago-Naperville-Elgin, IL-IN-WI	244
Los Angeles-Long Beach-Anaheim, CA	953	Boston-Cambridge-Newton, MA-NH	221	Boston-Cambridge-Newton, MA-NH	240
Chicago-Naperville-Elgin, IL-IN-WI	767	Chicago-Naperville-Elgin, IL-IN-WI	202	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	213
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	735	San Francisco-Oakland-Berkeley, CA	191	Los Angeles-Long Beach-Anaheim, CA	181
Seattle-Tacoma-Bellevue, WA	716	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	163	Washington-Arlington-Alexandria, DC-VA-MD-WV	180
Atlanta-Sandy Springs-Alpharetta, GA	592	Phoenix-Mesa-Chandler, AZ	162	San Francisco-Oakland-Berkeley, CA	153
Washington-Arlington-Alexandria, DC-VA-MD-WV	588	Seattle-Tacoma-Bellevue, WA	151	San Jose-Sunnyvale-Santa Clara, CA	143
Dallas-Fort Worth-Arlington, TX	566	Washington-Arlington-Alexandria, DC-VA-MD-WV	144	Dallas-Fort Worth-Arlington, TX	126
San Francisco-Oakland-Berkeley, CA	509	Atlanta-Sandy Springs-Alpharetta, GA	142	Phoenix-Mesa-Chandler, AZ	120
Phoenix-Mesa-Chandler, AZ	478	Riverside-San Bernardino-Ontario, CA	135	Miami-Fort Lauderdale-Pompano Beach, FL	119
Indianapolis-Carmel-Anderson, IN	383	Virginia Beach-Norfolk-Newport News, VA-NC	105	Virginia Beach-Norfolk-Newport News, VA-NC	118
Miami-Fort Lauderdale-Pompano Beach, FL	382	Sacramento-Roseville-Folsom, CA	104	Baltimore-Columbia-Towson, MD	109
Riverside-San Bernardino-Ontario, CA	369	San Jose-Sunnyvale-Santa Clara, CA	104	Denver-Aurora-Lakewood, CO	108
Houston-The Woodlands-Sugar Land, TX	367	Baltimore-Columbia-Towson, MD	93	Seattle-Tacoma-Bellevue, WA	105
Minneapolis-St. Paul-Bloomington, MN-WI	347	Dallas-Fort Worth-Arlington, TX	92	Minneapolis-St. Paul-Bloomington, MN-WI	104
Baltimore-Columbia-Towson, MD	340	Houston-The Woodlands-Sugar Land, TX	90	Atlanta-Sandy Springs-Alpharetta, GA	103
Kansas City, MO-KS	328	Minneapolis-St. Paul-Bloomington, MN-WI	90	Houston-The Woodlands-Sugar Land, TX	103
Providence-Warwick, RI-MA	323	Miami-Fort Lauderdale-Pompano Beach, FL	86	Cincinnati, OH-KY-IN	101
Pittsburgh, PA	300	St. Louis, MO-IL	84	Richmond, VA	99
Orlando-Kissimmee-Sanford, FL	290	Orlando-Kissimmee-Sanford, FL	82	Portland-Vancouver-Hillsboro, OR-WA	92
Hartford-East Hartford-Middletown, CT	287	Indianapolis-Carmel-Anderson, IN	79	St. Louis, MO-IL	92
St. Louis, MO-IL	280	San Diego-Chula Vista-Carlsbad, CA	78	New Haven-Milford, CT	89
Denver-Aurora-Lakewood, CO	277	Denver-Aurora-Lakewood, CO	73	Riverside-San Bernardino-Ontario, CA	89
Detroit-Warren-Dearborn, MI	269	Pittsburgh, PA	72	Oklahoma City, OK	85
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	661	New York-Newark-Jersey City, NY-NJ-PA	496	New York-Newark-Jersey City, NY-NJ-PA	496
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	313	Boston-Cambridge-Newton, MA-NH	266	Boston-Cambridge-Newton, MA-NH	266
Washington-Arlington-Alexandria, DC-VA-MD-WV	271	Louisville/Jefferson County, KY-IN	235	Louisville/Jefferson County, KY-IN	235
Los Angeles-Long Beach-Anaheim, CA	258	Chicago-Naperville-Elgin, IL-IN-WI	212	Chicago-Naperville-Elgin, IL-IN-WI	212
Boston-Cambridge-Newton, MA-NH	255	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	200	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	200
Chicago-Naperville-Elgin, IL-IN-WI	247	Phoenix-Mesa-Chandler, AZ	186	Phoenix-Mesa-Chandler, AZ	186
San Francisco-Oakland-Berkeley, CA	179	Washington-Arlington-Alexandria, DC-VA-MD-WV	185	Washington-Arlington-Alexandria, DC-VA-MD-WV	185
Atlanta-Sandy Springs-Alpharetta, GA	150	Los Angeles-Long Beach-Anaheim, CA	142	Los Angeles-Long Beach-Anaheim, CA	142
Minneapolis-St. Paul-Bloomington, MN-WI	142	Dallas-Fort Worth-Arlington, TX	116	Dallas-Fort Worth-Arlington, TX	116
Dallas-Fort Worth-Arlington, TX	141	Atlanta-Sandy Springs-Alpharetta, GA	113	Atlanta-Sandy Springs-Alpharetta, GA	113
Houston-The Woodlands-Sugar Land, TX	135	Kansas City, MO-KS	108	Kansas City, MO-KS	108
Phoenix-Mesa-Chandler, AZ	129	Seattle-Tacoma-Bellevue, WA	107	Seattle-Tacoma-Bellevue, WA	107
San Jose-Sunnyvale-Santa Clara, CA	127	Minneapolis-St. Paul-Bloomington, MN-WI	95	Minneapolis-St. Paul-Bloomington, MN-WI	95
Riverside-San Bernardino-Ontario, CA	124	Pittsburgh, PA	92	Pittsburgh, PA	92
Cincinnati, OH-KY-IN	122	San Francisco-Oakland-Berkeley, CA	91	San Francisco-Oakland-Berkeley, CA	91
Providence-Warwick, RI-MA	114	Denver-Aurora-Lakewood, CO	89	Denver-Aurora-Lakewood, CO	89
Seattle-Tacoma-Bellevue, WA	114	Houston-The Woodlands-Sugar Land, TX	84	Houston-The Woodlands-Sugar Land, TX	84
Louisville/Jefferson County, KY-IN	113	Miami-Fort Lauderdale-Pompano Beach, FL	83	Miami-Fort Lauderdale-Pompano Beach, FL	83
Baltimore-Columbia-Towson, MD	111	Virginia Beach-Norfolk-Newport News, VA-NC	79	Virginia Beach-Norfolk-Newport News, VA-NC	79
Denver-Aurora-Lakewood, CO	111	Cincinnati, OH-KY-IN	79	Cincinnati, OH-KY-IN	79
Milwaukee-Waukesha, WI	107	Baltimore-Columbia-Towson, MD	79	Baltimore-Columbia-Towson, MD	79
Virginia Beach-Norfolk-Newport News, VA-NC	100	Providence-Warwick, RI-MA	67	Providence-Warwick, RI-MA	67
Raleigh-Cary, NC	88	Portland-Vancouver-Hillsboro, OR-WA	66	Portland-Vancouver-Hillsboro, OR-WA	66
Oklahoma City, OK	85	Oklahoma City, OK	66	Oklahoma City, OK	66
Miami-Fort Lauderdale-Pompano Beach, FL	83	St. Louis, MO-IL	65	St. Louis, MO-IL	65

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

Job Postings Per State

State/Territory	2022							2023						
	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022	Number of Pharmacists Licensed (as of Oct. 2022)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023
Alabama	9,606	302	233	329	283	1,147	119.40	9,606	249	273	316	219	1,057	110.04
Alaska	1,002	56	61	56	49	222	221.56	1,002	39	61	93	89	282	281.44
Arizona	12,051	549	484	588	532	2,153	178.66	12,051	569	513	450	531	2,063	171.19
Arkansas	6,948	160	143	153	158	614	88.37	6,948	180	194	189	152	715	102.91
California	48,915	1,834	1,985	2,254	2,316	8,389	171.50	48,915	2,795	2,213	2,074	1,447	8,529	174.36
Colorado	8,874	374	389	361	332	1,456	164.07	8,874	332	495	391	309	1,527	172.08
Connecticut	5,545	292	324	379	280	1,275	229.94	5,545	271	420	376	284	1,351	243.64
Delaware	2,415	100	81	82	62	325	134.58	2,415	98	111	85	166	460	190.48
District of Columbia	2,036	53	34	65	69	221	108.55	2,036	73	87	104	65	329	161.59
Florida	35,824	1,240	1,078	1,016	982	4,316	120.48	35,824	1,038	1,063	1,050	846	3,997	111.57
Georgia	15,216	496	424	654	446	2,020	132.75	15,216	463	435	525	371	1,794	117.90
Hawaii	2,451	63	39	65	78	245	99.96	2,451	44	70	71	63	248	101.18
Idaho	3,911	157	138	135	206	636	162.62	3,911	171	168	185	120	644	164.66
Illinois	21,122	689	622	754	680	2,745	129.96	21,122	639	771	812	693	2,915	138.01
Indiana	11,497	539	485	451	438	1,913	166.39	11,497	490	444	498	519	1,951	169.70
Iowa	6,522	198	138	144	184	664	101.81	6,522	167	256	155	221	799	122.51
Kansas	8,065	174	175	173	186	708	87.79	8,065	218	225	245	268	956	118.54
Kentucky	10,939	317	272	214	272	1,075	98.27	10,939	311	335	365	519	1,530	139.87
Louisiana	9,572	268	277	419	316	1,280	133.72	9,572	350	506	436	284	1,576	164.65
Maine	2,343	91	80	108	104	383	163.47	2,343	203	116	172	133	624	266.33
Maryland	12,228	264	323	368	369	1,324	108.28	12,228	416	435	467	385	1,703	139.27
Massachusetts	14,555	491	588	751	696	2,526	173.55	14,555	590	745	645	642	2,622	180.14
Michigan	16,867	569	439	549	488	2,045	121.24	16,867	454	364	458	377	1,653	98.00
Minnesota	9,354	286	216	293	355	1,150	122.94	9,354	294	335	383	297	1,309	139.94
Mississippi	6,789	136	115	111	124	486	71.59	6,789	88	141	176	136	541	79.69
Missouri	11,878	339	310	379	348	1,376	115.84	11,878	397	420	464	381	1,662	139.92
Montana	2,288	93	107	91	101	392	171.33	2,288	75	124	152	157	508	222.03
Nebraska	5,495	99	93	138	144	474	86.26	5,495	113	174	144	120	551	100.27
Nevada	7,721	195	167	132	123	617	79.91	7,721	112	187	159	183	641	83.02
New Hampshire	2,827	89	145	140	188	562	198.80	2,827	177	142	190	158	667	235.94
New Jersey	18,019	471	532	733	512	2,248	124.76	18,019	550	550	748	613	2,461	136.58
New Mexico	3,158	109	127	139	149	524	165.93	3,158	176	214	251	211	852	269.79
New York	29,564	688	637	1,074	731	3,130	105.87	29,564	861	847	1,047	717	3,472	117.44
North Carolina	17,617	411	414	579	573	1,977	112.22	17,617	549	646	742	596	2,533	143.78
North Dakota	2,431	36	51	67	117	271	111.48	2,431	61	132	76	52	321	132.04
Ohio	21,740	522	657	842	694	2,715	124.89	21,740	620	743	720	681	2,764	127.14
Oklahoma	8,150	202	229	268	237	936	114.85	8,150	242	403	456	375	1,476	181.10
Oregon	8,737	283	281	518	341	1,423	162.87	8,737	443	377	294	297	1,411	161.50
Pennsylvania	24,587	623	653	804	638	2,718	110.55	24,587	622	794	778	793	2,987	121.49
Puerto Rico	5,340	32	53	37	26	148	27.72	5,340	59	65	54	85	263	49.25
Rhode Island	2,185	65	64	88	105	322	147.37	2,185	67	107	110	101	385	176.20
South Carolina	9,217	192	225	222	240	879	95.37	9,217	272	262	302	260	1,096	118.91
South Dakota	2,124	85	61	44	44	234	110.17	2,124	46	46	43	80	215	101.22
Tennessee	12,556	388	354	369	314	1,425	113.49	12,556	295	332	324	296	1,247	99.32
Texas	36,154	1,061	1,210	1,273	1,165	4,709	130.25	36,154	1,050	1,208	1,647	1,062	4,967	137.38
Utah	4,257	72	85	80	82	319	74.94	4,257	94	97	127	137	455	106.88
Vermont	1,404	57	84	101	72	314	223.65	1,404	64	89	73	44	270	192.31
Virginia	16,079	388	400	552	459	1,799	111.89	16,079	542	661	580	488	2,271	141.24
Washington	11,001	571	521	620	599	2,311	210.07	11,001	495	491	382	391	1,759	159.89
West Virginia	5,760	146	131	159	129	565	98.09	5,760	153	174	168	140	635	110.24
Wisconsin	8,942	309	243	413	482	1,447	161.82	8,942	408	408	548	352	1,716	191.90
Wyoming	1,452	51	44	25	54	174	119.83	1,452	69	72	90	41	272	187.33

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

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

2022		2023	
Full Year		Quarter 1	Quarter 2
Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	3,237	New York-Newark-Jersey City, NY-NJ-PA	740
Los Angeles-Long Beach-Anaheim, CA	2,195	Los Angeles-Long Beach-Anaheim, CA	650
Chicago-Naperville-Elgin, IL-IN-WI	1,957	Boston-Cambridge-Newton, MA-NH	448
Boston-Cambridge-Newton, MA-NH	1,828	Chicago-Naperville-Elgin, IL-IN-WI	446
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,364	San Francisco-Oakland-Berkeley, CA	399
Phoenix-Mesa-Flagstaff, AZ	1,245	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	362
Dallas-Fort Worth-Arlington, TX	1,232	Phoenix-Mesa-Flagstaff, AZ	340
Miami-Fort Lauderdale-Pompano Beach, FL	1,183	Washington-Arlington-Alexandria, DC-VA-MD-WV	381
Seattle-Tacoma-Bellevue, WA	1,161	Sacramento-Roseville-Folsom, CA	288
San Francisco-Oakland-Berkeley, CA	1,118	Miami-Fort Lauderdale-Pompano Beach, FL	262
Houston-The Woodlands-Sugar Land, TX	968	Seattle-Tacoma-Bellevue, WA	258
Washington-Arlington-Alexandria, DC-VA-MD-WV	936	Atlanta-Sandy Springs-Alpharetta, GA	257
Atlanta-Sandy Springs-Alpharetta, GA	930	Baltimore-Columbia-Towson, MD	249
Detroit-Warren-Dearborn, MI	744	Riverside-San Bernardino-Ontario, CA	245
Baltimore-Columbia-Towson, MD	740	Dallas-Fort Worth-Arlington, TX	227
Denver-Aurora-Lakewood, CO	717	Houston-The Woodlands-Sugar Land, TX	226
Kansas City, MO-KS	707	Orlando-Kissimmee-Sanford, FL	208
Indianapolis-Carmel-Anderson, IN	671	Kansas City, MO-KS	190
Riverside-San Bernardino-Ontario, CA	667	San Jose-Sunnyvale-Santa Clara, CA	178
Portland-Vancouver-Hillsboro, OR-WA	665	Denver-Aurora-Lakewood, CO	175
Minneapolis-St. Paul-Bloomington, MN-WI	663	Virginia Beach-Norfolk-Newport News, VA-NC	175
San Diego-Chula Vista-Carlsbad, CA	625	Minneapolis-St. Paul-Bloomington, MN-WI	174
Tampa-St. Petersburg-Clearwater, FL	623	St. Louis, MO-IL	167
Orlando-Kissimmee-Sanford, FL	615	Portland-Vancouver-Hillsboro, OR-WA	164
Sacramento-Roseville-Folsom, CA	611	San Diego-Chula Vista-Carlsbad, CA	158
Cincinnati, OH-KY-IN	573	Indianapolis-Carmel-Anderson, IN	151
St. Louis, MO-IL	567	Milwaukee-Waukesha, WI	143
Pittsburgh, PA	552	Cleveland-Elyria, OH	137
Cleveland-Elyria, OH	551	Detroit-Warren-Dearborn, MI	131
New Orleans-Metairie, LA	504	Pittsburgh, PA	129
San Jose-Sunnyvale-Santa Clara, CA	493	New Orleans-Metairie, LA	127
Charlotte-Concord-Gastonia, NC-SC	484	San Antonio-New Braunfels, TX	125
Milwaukee-Waukesha, WI	482	Tampa-St. Petersburg-Clearwater, FL	122
Virginia Beach-Norfolk-Newport News, VA-NC	478	Charlotte-Concord-Gastonia, NC-SC	113
Austin-Round Rock-Georgetown, TX	466	Cincinnati, OH-KY-IN	110
Nashville-Davidson--Murfreesboro--Franklin, TN	441	Bakersfield, CA	106
Hartford-East Hartford-Middletown, CT	439	Louisville/Jefferson County, KY-IN	106
Providence-Warwick, RI-MA	438	Columbus, OH	101
New Haven-Middford, CT	408	Hartford-East Hartford-Middletown, CT	99
Boise City, ID	404	Oklahoma City, OK	99
Columbus, OH	386	Syracuse, NY	99
San Antonio-New Braunfels, TX	382	Tucson, AZ	96
Tucson, AZ	359	Boise City, ID	94
Louisville/Jefferson County, KY-IN	354	Modesto, CA	94
Las Vegas-Henderson-Paradise, NV	345	Providence-Warwick, RI-MA	93
Worcester, MA-CT	338	Nashville-Davidson--Murfreesboro--Franklin, TN	93
Oklahoma City, OK	332	Richmond, VA	88
Memphis, TN-MS-AR	324	Raleigh-Cary, NC	83
Birmingham-Hoover, AL	317	Lebanon, NH-VT	81
Richmond, VA	302	Albuquerque, NM	78

Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	1,056	New York-Newark-Jersey City, NY-NJ-PA	877
Chicago-Naperville-Elgin, IL-IN-WI	508	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	472
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	475	Boston-Cambridge-Newton, MA-NH	459
Los Angeles-Long Beach-Anaheim, CA	452	Chicago-Naperville-Elgin, IL-IN-WI	447
Boston-Cambridge-Newton, MA-NH	446	Los Angeles-Long Beach-Anaheim, CA	367
Washington-Arlington-Alexandria, DC-VA-MD-WV	402	Louisville/Jefferson County, KY-IN	319
Houston-The Woodlands-Sugar Land, TX	388	Washington-Arlington-Alexandria, DC-VA-MD-WV	309
San Francisco-Oakland-Berkeley, CA	331	Phoenix-Mesa-Flagstaff, AZ	298
Dallas-Fort Worth-Arlington, TX	296	Dallas-Fort Worth-Arlington, TX	248
Phoenix-Mesa-Flagstaff, AZ	269	Houston-The Woodlands-Sugar Land, TX	236
Atlanta-Sandy Springs-Alpharetta, GA	266	San Francisco-Oakland-Berkeley, CA	234
Baltimore-Columbia-Towson, MD	258	Baltimore-Columbia-Towson, MD	231
Miami-Fort Lauderdale-Pompano Beach, FL	246	Miami-Fort Lauderdale-Pompano Beach, FL	218
Cincinnati, OH-KY-IN	228	Atlanta-Sandy Springs-Alpharetta, GA	206
Minneapolis-St. Paul-Bloomington, MN-WI	226	Seattle-Tacoma-Bellevue, WA	200
San Antonio-New Braunfels, TX	226	Kansas City, MO-KS	196
Louisville/Jefferson County, KY-IN	217	Cincinnati, OH-KY-IN	188
Oklahoma City, OK	188	Oklahoma City, OK	181
St. Louis, MO-IL	189	Sacramento-Roseville-Folsom, CA	168
San Jose-Sunnyvale-Santa Clara, CA	186	Pittsburgh, PA	165
Riverside-San Bernardino-Ontario, CA	185	Cleveland-Elyria, OH	162
Kansas City, MO-KS	184	Denver-Aurora-Lakewood, CO	161
Seattle-Tacoma-Bellevue, WA	179	Charlotte-Concord-Gastonia, NC-SC	157
Denver-Aurora-Lakewood, CO	178	Minneapolis-St. Paul-Bloomington, MN-WI	156
Virginia Beach-Norfolk-Newport News, VA-NC	176	Orlando-Kissimmee-Sanford, FL	156
Providence-Warwick, RI-MA	166	Virginia Beach-Norfolk-Newport News, VA-NC	134
Sacramento-Roseville-Folsom, CA	164	Providence-Warwick, RI-MA	128
Indianapolis-Carmel-Anderson, IN	161	San Antonio-New Braunfels, TX	128
Milwaukee-Waukesha, WI	151	Detroit-Warren-Dearborn, MI	127
San Diego-Chula Vista-Carlsbad, CA	150	St. Louis, MO-IL	120
New Orleans-Metairie, LA	146	Portland-Vancouver-Hillsboro, OR-WA	116
Detroit-Warren-Dearborn, MI	140	Tampa-St. Petersburg-Clearwater, FL	118
Portland-Vancouver-Hillsboro, OR-WA	136	Columbus, OH	110
Tulsa, OK	134	Indianapolis-Carmel-Anderson, IN	109
Tampa-St. Petersburg-Clearwater, FL	133	Las Vegas-Henderson-Paradise, NV	97
Raleigh-Cary, NC	132	Nashville-Davidson--Murfreesboro--Franklin, TN	97
Charlotte-Concord-Gastonia, NC-SC	128	San Diego-Chula Vista-Carlsbad, CA	96
New Haven-Middford, CT	125	Hartford-East Hartford-Middletown, CT	94
Orlando-Kissimmee-Sanford, FL	122	Milwaukee-Waukesha, WI	92
Cleveland-Elyria, OH	119	Albuquerque, NM	89
Pittsburgh, PA	115	Worcester, MA-CT	86
Hartford-East Hartford-Middletown, CT	106	Riverside-San Bernardino-Ontario, CA	106
Las Vegas-Henderson-Paradise, NV	101	Tucson, AZ	80
Austin-Round Rock-Georgetown, TX	94	New Haven-Middford, CT	78
Hickory-Schreckstadt-Troy, NY	93	Austin-Round Rock-Georgetown, TX	77
Buffalo-Cheektowaga, NY	92	Fort Wayne, IN	66
Syracuse, NY	89	Tulsa, OK	65
Boise City, ID	88	Birmingham-Hoover, AL	64
Jacksonville, FL	88	Soft Lake City, UT	64
Bridgeport-Stamford-Norwalk, CT	87	Greensboro-High Point, NC	62

Pharmacy Demand Report (PDR)

Pharmacy Technician

Job Postings Per State

State/Territory	2022							2023						
	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2022	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2023
Alabama	6,790	488	506	685	491	2,170	319.59	6,790	500	550	555	608	2,213	325.92
Alaska	610	77	83	67	93	320	524.59	610	74	106	108	88	376	616.39
Arizona	9,250	1,318	1,267	1,220	1,135	4,940	534.05	9,250	855	923	950	977	3,705	400.54
Arkansas	4,570	307	310	344	281	1,242	271.77	4,570	207	342	278	342	1,169	255.80
California	36,100	4,183	4,811	4,438	4,354	17,786	492.69	36,100	4,739	3,444	3,390	2,974	14,547	402.96
Colorado	5,710	1,022	955	930	817	3,724	652.19	5,710	846	845	898	675	3,264	571.63
Connecticut	3,780	404	515	448	413	1,780	470.90	3,780	391	398	493	451	1,733	458.47
Delaware	1,270	104	109	121	137	471	370.87	1,270	121	114	138	141	514	404.72
District of Columbia	660	74	88	97	105	364	551.52	660	91	115	135	88	429	650.00
Florida	29,840	2,877	2,571	2,657	2,360	10,465	350.70	29,840	2,362	2,374	2,283	2,127	9,146	306.50
Georgia	11,290	1,018	1,062	1,177	917	4,174	369.71	11,290	978	1,018	1,036	980	4,012	355.36
Hawaii	1,850	123	154	129	133	539	291.35	1,850	132	192	197	212	733	396.22
Idaho	2,260	245	253	286	252	1,036	458.41	2,260	195	241	264	216	916	405.31
Illinois	19,880	1,559	1,763	2,331	1,755	7,408	372.64	19,880	1,613	1,661	1,641	1,554	6,469	325.40
Indiana	9,790	1,056	990	896	897	3,839	392.13	9,790	649	868	1,287	1,139	3,943	402.76
Iowa	3,890	376	426	511	481	1,794	461.18	3,890	428	437	532	547	1,944	499.74
Kansas	4,280	446	449	484	502	1,881	439.49	4,280	424	410	411	457	1,702	397.66
Kentucky	10,210	599	552	589	614	2,354	230.56	10,210	482	517	615	648	2,262	221.55
Louisiana	5,990	630	598	538	481	2,247	375.13	5,990	567	513	483	535	2,098	350.25
Maine	2,280	141	202	260	284	887	389.04	2,280	223	192	276	260	951	417.11
Maryland	6,940	631	807	876	895	3,209	462.39	6,940	882	825	1,101	667	3,475	500.72
Massachusetts	8,740	977	1,244	1,044	1,195	4,460	510.30	8,740	1,025	986	1,162	1,093	4,266	488.10
Michigan	13,990	1,855	1,559	1,563	1,499	6,476	462.90	13,990	1,295	1,384	1,715	1,417	5,811	415.37
Minnesota	8,050	784	877	794	971	3,426	425.59	8,050	626	685	740	709	2,760	342.86
Mississippi	3,580	327	281	259	265	1,132	316.20	3,580	259	259	242	330	1,090	304.47
Missouri	10,030	865	844	997	878	3,584	357.33	10,030	735	772	760	803	3,070	306.08
Montana	1,200	123	131	124	102	480	400.00	1,200	102	108	146	132	488	406.67
Nebraska	2,540	269	233	294	318	1,114	438.58	2,540	253	230	238	235	956	376.38
Nevada	4,210	335	285	367	304	1,291	306.65	4,210	240	273	273	276	1,062	252.26
New Hampshire	1,880	268	242	265	275	1,050	558.51	1,880	230	242	268	339	1,079	573.94
New Jersey	10,400	1,091	1,042	1,440	1,171	4,744	456.15	10,400	895	980	1,060	1,173	4,108	395.00
New Mexico	2,490	252	212	253	201	918	368.67	2,490	184	215	260	322	981	393.98
New York	18,970	1,316	1,473	1,786	1,706	6,281	331.10	18,970	1,359	1,341	1,651	1,483	5,834	307.54
North Carolina	13,710	1,372	1,262	1,291	1,430	5,355	390.59	13,710	1,086	1,372	1,317	1,339	5,114	373.01
North Dakota	880	58	62	70	86	276	313.64	880	66	56	87	79	288	327.27
Ohio	17,090	1,690	1,612	1,935	1,614	6,851	400.88	17,090	1,395	1,272	1,543	1,552	5,762	337.16
Oklahoma	4,870	543	454	545	380	1,922	394.66	4,870	336	434	434	490	1,694	347.84
Oregon	5,020	536	563	781	554	2,434	484.86	5,020	577	572	588	627	2,364	470.92
Pennsylvania	18,900	1,263	1,339	1,373	1,455	5,430	287.30	18,900	1,099	1,102	1,589	1,662	5,452	288.47
Puerto Rico	5,300	18	15	20	24	77	14.53	5,300	50	38	52	153	293	55.28
Rhode Island	1,770	99	175	156	180	610	344.63	1,770	118	137	204	283	742	419.21
South Carolina	6,470	461	376	469	551	1,857	287.02	6,470	447	531	582	510	2,070	319.94
South Dakota	1,290	100	80	104	152	436	337.98	1,290	118	77	100	117	412	319.38
Tennessee	11,190	1,000	942	994	979	3,915	349.87	11,190	794	882	841	824	3,341	298.57
Texas	36,690	3,223	2,942	3,457	3,283	12,905	351.73	36,690	2,870	2,926	3,031	3,058	11,885	323.93
Utah	4,060	414	366	342	333	1,455	358.37	4,060	352	384	419	462	1,617	398.28
Vermont	700	106	134	131	150	521	744.29	700	91	107	151	159	508	725.71
Virginia	9,590	897	1,028	967	1,004	3,896	406.26	9,590	997	942	900	1,017	3,856	402.09
Washington	7,740	1,078	983	977	1,039	4,077	526.74	7,740	913	843	1,085	850	3,691	476.87
West Virginia	3,140	282	177	155	153	767	244.27	3,140	120	116	199	229	664	211.46
Wisconsin	8,290	815	902	1,094	975	3,786	456.69	8,290	666	833	805	707	3,011	363.21
Wyoming	560	59	54	61	67	241	430.36	560	46	76	67	57	246	439.29

Pharmacy Demand Report (PDR)

Pharmacy Technician

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

2022		2023			
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	6,645	New York-Newark-Jersey City, NY-NJ-PA	1,362	New York-Newark-Jersey City, NY-NJ-PA	1,435
Chicago-Naperville-Elgin, IL-IN-WI	5,903	Chicago-Naperville-Elgin, IL-IN-WI	1,238	Chicago-Naperville-Elgin, IL-IN-WI	1,280
Los Angeles-Long Beach-Anaheim, CA	5,835	Los Angeles-Long Beach-Anaheim, CA	1,221	Los Angeles-Long Beach-Anaheim, CA	1,060
Dallas-Fort Worth-Arlington, TX	4,005	San Francisco-Oakland-Berkeley, CA	1,051	Dallas-Fort Worth-Arlington, TX	902
Phoenix-Mesa-Chandler, AZ	3,737	Dallas-Fort Worth-Arlington, TX	981	Boston-Cambridge-Newton, MA-NH	685
Boston-Cambridge-Newton, MA-NH	3,317	Boston-Cambridge-Newton, MA-NH	732	Phoenix-Mesa-Chandler, AZ	678
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	3,147	Phoenix-Mesa-Chandler, AZ	653	Houston-The Woodlands-Sugar Land, TX	661
Detroit-Warren-Dearborn, MI	3,038	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	648	Detroit-Warren-Dearborn, MI	635
Houston-The Woodlands-Sugar Land, TX	2,667	Houston-The Woodlands-Sugar Land, TX	630	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	611
San Francisco-Oakland-Berkeley, CA	2,617	Miami-Fort Lauderdale-Pompano Beach, FL	619	Washington-Arlington-Alexandria, DC-VA-MD-WV	602
Miami-Fort Lauderdale-Pompano Beach, FL	2,556	Seattle-Tacoma-Bellevue, WA	603	San Francisco-Oakland-Berkeley, CA	577
Seattle-Tacoma-Bellevue, WA	2,486	Washington-Arlington-Alexandria, DC-VA-MD-WV	599	Miami-Fort Lauderdale-Pompano Beach, FL	565
Minneapolis-St. Paul-Bloomington, MN-WI	2,386	Detroit-Warren-Dearborn, MI	557	Denver-Aurora-Lakewood, CO	506
Atlanta-Sandy Springs-Alpharetta, GA	2,276	Baltimore-Columbia-Towson, MD	540	Baltimore-Columbia-Towson, MD	483
Denver-Aurora-Lakewood, CO	2,193	Denver-Aurora-Lakewood, CO	540	Atlanta-Sandy Springs-Alpharetta, GA	475
Washington-Arlington-Alexandria, DC-VA-MD-WV	2,172	Atlanta-Sandy Springs-Alpharetta, GA	530	Seattle-Tacoma-Bellevue, WA	474
Tampa-St. Petersburg-Clearwater, FL	2,121	Minneapolis-St. Paul-Bloomington, MN-WI	471	Minneapolis-St. Paul-Bloomington, MN-WI	439
Baltimore-Columbia-Towson, MD	2,085	Sacramento-Roseville-Folsom, CA	464	Portland-Vancouver-Hillsboro, OR-WA	410
Kansas City, MO-KS	1,934	Riverside-San Bernardino-Ontario, CA	443	Tampa-St. Petersburg-Clearwater, FL	396
Riverside-San Bernardino-Ontario, CA	1,797	Tampa-St. Petersburg-Clearwater, FL	425	Kansas City, MO-KS	389
St. Louis, MO-IL	1,640	Kansas City, MO-KS	423	Riverside-San Bernardino-Ontario, CA	387
Portland-Vancouver-Hillsboro, OR-WA	1,597	Orlando-Kissimmee-Sanford, FL	412	Orlando-Kissimmee-Sanford, FL	376
Orlando-Kissimmee-Sanford, FL	1,561	Portland-Vancouver-Hillsboro, OR-WA	409	Cincinnati, OH-KY-IN	339
San Diego-Chula Vista-Carlsbad, CA	1,511	San Diego-Chula Vista-Carlsbad, CA	352	St. Louis, MO-IL	323
Cleveland-Elyria, OH	1,479	St. Louis, MO-IL	336	Sacramento-Roseville-Folsom, CA	277
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	1,610	New York-Newark-Jersey City, NY-NJ-PA	1,646	New York-Newark-Jersey City, NY-NJ-PA	1,646
Chicago-Naperville-Elgin, IL-IN-WI	1,159	Chicago-Naperville-Elgin, IL-IN-WI	1,143	Chicago-Naperville-Elgin, IL-IN-WI	1,143
Los Angeles-Long Beach-Anaheim, CA	1,129	Dallas-Fort Worth-Arlington, TX	1,117	Dallas-Fort Worth-Arlington, TX	1,117
Dallas-Fort Worth-Arlington, TX	935	Los Angeles-Long Beach-Anaheim, CA	954	Los Angeles-Long Beach-Anaheim, CA	954
Washington-Arlington-Alexandria, DC-VA-MD-WV	812	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	820	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	820
Detroit-Warren-Dearborn, MI	800	Boston-Cambridge-Newton, MA-NH	767	Boston-Cambridge-Newton, MA-NH	767
Boston-Cambridge-Newton, MA-NH	790	Phoenix-Mesa-Chandler, AZ	699	Phoenix-Mesa-Chandler, AZ	699
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	707	Detroit-Warren-Dearborn, MI	635	Detroit-Warren-Dearborn, MI	635
Phoenix-Mesa-Chandler, AZ	692	Washington-Arlington-Alexandria, DC-VA-MD-WV	591	Washington-Arlington-Alexandria, DC-VA-MD-WV	591
Houston-The Woodlands-Sugar Land, TX	671	Atlanta-Sandy Springs-Alpharetta, GA	554	Atlanta-Sandy Springs-Alpharetta, GA	554
Seattle-Tacoma-Bellevue, WA	644	Houston-The Woodlands-Sugar Land, TX	521	Houston-The Woodlands-Sugar Land, TX	521
Atlanta-Sandy Springs-Alpharetta, GA	620	Seattle-Tacoma-Bellevue, WA	493	Seattle-Tacoma-Bellevue, WA	493
Baltimore-Columbia-Towson, MD	591	Miami-Fort Lauderdale-Pompano Beach, FL	483	Miami-Fort Lauderdale-Pompano Beach, FL	483
Miami-Fort Lauderdale-Pompano Beach, FL	572	San Francisco-Oakland-Berkeley, CA	437	San Francisco-Oakland-Berkeley, CA	437
Denver-Aurora-Lakewood, CO	538	Portland-Vancouver-Hillsboro, OR-WA	398	Portland-Vancouver-Hillsboro, OR-WA	398
San Francisco-Oakland-Berkeley, CA	514	Pittsburgh, PA	398	Pittsburgh, PA	398
Pittsburgh, PA	501	Minneapolis-St. Paul-Bloomington, MN-WI	397	Minneapolis-St. Paul-Bloomington, MN-WI	397
Minneapolis-St. Paul-Bloomington, MN-WI	462	Kansas City, MO-KS	385	Kansas City, MO-KS	385
Kansas City, MO-KS	410	Cincinnati, OH-KY-IN	383	Cincinnati, OH-KY-IN	383
Cincinnati, OH-KY-IN	409	Louisville/Jefferson County, KY-IN	377	Louisville/Jefferson County, KY-IN	377
Tampa-St. Petersburg-Clearwater, FL	397	Denver-Aurora-Lakewood, CO	370	Denver-Aurora-Lakewood, CO	370
Portland-Vancouver-Hillsboro, OR-WA	389	St. Louis, MO-IL	364	St. Louis, MO-IL	364
Louisville/Jefferson County, KY-IN	370	Baltimore-Columbia-Towson, MD	360	Baltimore-Columbia-Towson, MD	360
Indianapolis-Carmel-Anderson, IN	363	Providence-Warwick, RI-MA	348	Providence-Warwick, RI-MA	348
St. Louis, MO-IL	342	San Diego-Chula Vista-Carlsbad, CA	346	San Diego-Chula Vista-Carlsbad, CA	346