

Regional Data

Clinical Pharmacist										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	508	356	377	496	1,737	465	432	401	402	1,700
South	1,200	561	1,000	1,152	3,913	1,110	1,155	1,036	1,156	4,457
Midwest	688	328	505	641	2,162	574	671	583	636	2,464
West	784	391	571	792	2,538	727	934	833	750	3,244

Retail Pharmacist										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	1,339	817	1,004	1,477	4,637	1,891	1,637	1,982	1,628	7,138
South	2,353	1,046	2,137	2,604	8,140	3,564	2,734	3,936	3,500	13,734
Midwest	1,247	678	931	1,852	4,708	2,229	1,567	2,215	2,172	8,183
West	1,429	922	1,329	1,878	5,558	2,100	1,946	2,259	2,251	8,556

Hospital Pharmacist										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	110	82	67	91	350	90	157	104	96	447
South	179	150	130	174	633	155	209	188	178	730
Midwest	133	88	70	186	477	141	214	158	209	722
West	271	170	119	171	731	171	348	282	290	1,091

All Pharmacist Positions										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	2,427	1,568	1,702	2,385	8,082	2,770	2,657	2,897	2,562	10,886
South	4,539	2,210	3,764	4,469	14,982	5,526	4,910	5,920	5,668	22,024
Midwest	2,687	1,412	1,802	3,158	9,059	3,391	3,017	3,524	3,608	13,540
West	3,093	1,935	2,499	3,251	10,778	3,546	4,074	4,018	3,963	15,601

Other Pharmacist Occupations										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	365	226	191	248	1,030	275	299	331	348	1,253
South	523	265	301	381	1,470	486	452	507	561	2,006
Midwest	477	236	194	379	1,286	318	377	424	418	1,537
West	372	269	265	239	1,145	333	409	438	413	1,593

Pharmacy Technicians										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	5,650	4,221	4,286	5,340	19,497	5,066	6,239	5,791	6,339	23,435
South	10,952	7,652	10,103	11,394	40,101	12,443	13,326	13,263	15,532	54,564
Midwest	8,237	5,711	6,576	8,302	28,826	7,648	8,591	9,064	10,176	35,479
West	8,025	5,851	8,163	9,387	31,426	8,160	8,991	8,343	9,653	35,147

Pharmacy Director										
	2020					2021				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Northeast	105	87	63	73	328	49	132	79	88	348
South	284	188	196	158	826	211	360	253	273	1,097
Midwest	142	82	102	100	426	129	188	144	173	634
West	237	183	215	171	806	215	437	206	259	1,117

Pharmacy Demand Report (PDR)

Clinical Pharmacist

Job Postings Per State

State/Territory	2020							2021						
	Number of Pharmacists Licensed (as of Oct. 2020)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	19	17	17	22	75	7.26	9,606	21	31	17	20	89	9.27
Alaska	1,002	11	7	10	10	38	37.92	1,002	10	15	11	7	43	42.91
Arizona	12,051	82	40	53	92	267	22.16	12,051	87	90	53	59	289	23.98
Arkansas	6,540	12	11	19	25	67	10.24	6,540	27	28	11	26	92	14.07
California	47,926	386	203	293	356	1,238	25.83	48,204	355	421	388	353	1,517	31.47
Colorado	8,832	93	27	68	93	281	31.82	9,064	97	103	98	83	381	42.03
Connecticut	5,545	67	42	41	45	195	35.17	5,545	52	42	25	43	162	29.22
Delaware	2,415	18	6	12	15	51	21.12	2,415	15	33	24	28	100	41.41
District of Columbia	2,045	15	20	22	12	69	33.74	2,036	10	29	10	24	73	35.85
Florida	34,157	311	79	242	266	898	26.29	35,824	276	272	284	243	1,075	30.01
Georgia	15,216	100	37	86	63	286	18.80	15,216	91	97	55	68	311	20.44
Hawaii	2,451	2	7	3	7	19	7.75	2,451	8	16	6	10	40	16.32
Idaho	4,082	21	5	15	98	139	34.05	3,624	24	39	33	23	119	32.84
Illinois	18,446	105	58	89	92	344	18.65	21,122	119	130	119	114	482	22.82
Indiana	11,497	45	32	30	69	176	15.31	11,497	49	54	32	49	184	16.00
Iowa	6,349	29	9	28	24	90	14.18	6,581	22	33	33	32	120	18.23
Kansas	7,234	32	14	19	44	109	15.07	7,717	35	23	25	31	114	14.77
Kentucky	10,767	44	38	45	57	184	17.09	10,939	48	54	47	69	218	19.93
Louisiana	9,200	34	22	35	43	134	14.57	9,317	37	43	35	50	165	17.71
Maine	2,300	12	5	15	14	46	20.00	2,343	3	12	10	8	33	14.08
Maryland	12,228	61	41	41	37	180	14.72	12,228	29	45	38	42	154	12.59
Massachusetts	13,936	116	61	65	87	329	23.61	14,029	53	73	61	90	277	19.74
Michigan	16,582	83	38	78	98	297	17.91	16,867	78	94	93	116	381	22.59
Minnesota	9,033	46	28	59	43	176	19.48	9,176	61	41	50	39	191	20.82
Mississippi	6,357	22	14	13	9	58	9.12	6,540	21	21	20	14	76	11.62
Missouri	11,320	87	49	69	78	283	25.00	11,822	60	78	74	77	289	24.45
Montana	2,111	7	6	14	8	35	16.58	2,200	7	10	13	14	44	20.00
Nebraska	5,495	12	15	8	17	52	9.46	5,495	7	17	13	11	48	8.74
Nevada	7,721	68	26	29	32	155	20.08	7,721	32	40	43	34	149	19.30
New Hampshire	2,912	7	8	20	79	114	39.15	2,827	14	27	18	15	74	26.18
New Jersey	18,019	71	66	51	57	245	13.60	18,019	68	77	83	43	271	15.04
New Mexico	3,065	13	8	11	13	45	14.68	3,158	16	32	24	14	86	27.23
New York	27,113	83	57	76	110	326	12.02	28,816	125	74	74	88	361	12.53
North Carolina	17,009	103	60	73	112	348	20.46	17,284	93	84	85	123	385	22.27
North Dakota	2,336	1	4	2	11	18	7.71	2,238	1	11	5	8	25	11.17
Ohio	20,979	210	54	87	108	459	21.88	21,906	82	107	80	109	378	17.26
Oklahoma	7,838	16	9	17	20	62	7.91	8,150	28	21	15	27	91	11.17
Oregon	8,488	26	10	19	18	73	8.60	9,006	26	55	49	59	189	20.99
Pennsylvania	24,586	127	98	92	79	396	16.11	23,473	134	109	113	103	459	19.55
Puerto Rico	5,340	1	1	2	8	12	2.25	5,340	5	9	10	8	32	5.99
Rhode Island	2,185	23	18	14	25	80	36.61	2,185	12	9	13	10	44	20.14
South Carolina	9,458	39	29	28	34	130	13.74	9,184	29	45	33	42	149	16.22
South Dakota	2,046	5	3	4	8	20	9.78	2,085	4	13	11	12	40	19.18
Tennessee	12,556	70	37	67	101	275	21.90	12,556	65	70	75	70	280	22.30
Texas	35,669	263	107	190	256	816	22.88	36,154	252	194	205	216	867	23.98
Utah	4,094	25	19	11	10	65	15.88	4,257	22	37	37	32	128	30.07
Vermont	1,231	2	1	3	0	6	4.87	1,227	4	9	4	2	19	15.48
Virginia	15,616	62	25	78	63	228	14.60	16,159	62	75	74	86	297	18.38
Washington	10,969	49	32	43	51	175	15.95	10,969	43	74	72	61	250	22.79
West Virginia	5,522	11	9	15	17	52	9.42	5,522	6	13	8	8	35	6.34
Wisconsin	8,942	33	24	32	49	138	15.43	8,942	56	70	48	38	212	23.71
Wyoming	1,441	1	1	2	4	8	5.55	1,437	0	2	6	1	9	6.26

Pharmacy Demand Report (PDR)

Clinical Pharmacist

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

2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA	500	Los Angeles-Long Beach-Anaheim, CA	125	Los Angeles-Long Beach-Anaheim, CA	166
New York-Newark-Jersey City, NY-NJ-PA	363	New York-Newark-Jersey City, NY-NJ-PA	116	Chicago-Naperville-Elgin, IL-IN-WI	124
Chicago-Naperville-Elgin, IL-IN-WI	332	Miami-Fort Lauderdale-West Palm Beach, FL	114	Miami-Fort Lauderdale-West Palm Beach, FL	108
Miami-Fort Lauderdale-West Palm Beach, FL	328	Chicago-Naperville-Elgin, IL-IN-WI	95	New York-Newark-Jersey City, NY-NJ-PA	91
Boston-Cambridge-Nashua, MA-NH	281	Phoenix-Mesa-Scottsdale, AZ	68	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	76
Dallas-Fort Worth-Arlington, TX	269	Dallas-Fort Worth-Arlington, TX	60	Denver-Aurora-Lakewood, CO	72
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	212	Denver-Aurora-Lakewood, CO	56	Phoenix-Mesa-Scottsdale, AZ	71
Phoenix-Mesa-Scottsdale, AZ	210	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	54	Boston-Cambridge-Nashua, MA-NH	69
Tampa-St. Petersburg-Clearwater, FL	188	Houston-The Woodlands-Sugar Land, TX	51	Tampa-St. Petersburg-Clearwater, FL	68
Denver-Aurora-Lakewood, CO	188	Atlanta-Sandy Springs-Roswell, GA	49	Washington-Arlington-Alexandria, DC-VA-MD-WV	65
Atlanta-Sandy Springs-Roswell, GA	178	Minneapolis-St. Paul-Bloomington, MN-WI	45	Detroit-Warren-Dearborn, MI	51
Orlando-Kissimmee-Sanford, FL	168	Orlando-Kissimmee-Sanford, FL	44	Houston-The Woodlands-Sugar Land, TX	48
Houston-The Woodlands-Sugar Land, TX	165	Sacramento--Roseville--Arden-Arcade, CA	43	Seattle-Tacoma-Bellevue, WA	46
St. Louis, MO-IL	158	Tampa-St. Petersburg-Clearwater, FL	42	San Francisco-Oakland-Hayward, CA	45
Detroit-Warren-Dearborn, MI	152	Detroit-Warren-Dearborn, MI	38	Dallas-Fort Worth-Arlington, TX	45
Baltimore-Columbia-Towson, MD	147	Boston-Cambridge-Nashua, MA-NH	38	St. Louis, MO-IL	44
San Antonio-New Braunfels, TX	144	Louisville/Jefferson County, KY-IN	37	Atlanta-Sandy Springs-Roswell, GA	44
Louisville/Jefferson County, KY-IN	138	San Francisco-Oakland-Hayward, CA	36	Cincinnati, OH-KY-IN	43
Minneapolis-St. Paul-Bloomington, MN-WI	136	Pittsburgh, PA	33	San Diego-Carlsbad, CA	34
Washington-Arlington-Alexandria, DC-VA-MD-WV	134	San Antonio-New Braunfels, TX	32	Memphis, TN-MS-AR	34
Seattle-Tacoma-Bellevue, WA	133	St. Louis, MO-IL	31	Nashville-Davidson--Murfreesboro--Franklin, TN	33
San Francisco-Oakland-Hayward, CA	124	Seattle-Tacoma-Bellevue, WA	29	Madison, WI	32
Cincinnati, OH-KY-IN	123	Austin-Round Rock, TX	29	Louisville/Jefferson County, KY-IN	32
Cleveland-Elyria, OH	122	Washington-Arlington-Alexandria, DC-VA-MD-WV	28	San Jose-Sunnyvale-Santa Clara, CA	31
Sacramento--Roseville--Arden-Arcade, CA	119	Nashville-Davidson--Murfreesboro--Franklin, TN	28	San Antonio-New Braunfels, TX	31
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		Los Angeles-Long Beach-Anaheim, CA	157	Los Angeles-Long Beach-Anaheim, CA	134
		Miami-Fort Lauderdale-West Palm Beach, FL	109	Chicago-Naperville-Elgin, IL-IN-WI	92
		Chicago-Naperville-Elgin, IL-IN-WI	97	Miami-Fort Lauderdale-West Palm Beach, FL	87
		New York-Newark-Jersey City, NY-NJ-PA	91	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	70
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	76	Dallas-Fort Worth-Arlington, TX	67
		Denver-Aurora-Lakewood, CO	69	Boston-Cambridge-Nashua, MA-NH	62
		Dallas-Fort Worth-Arlington, TX	63	New York-Newark-Jersey City, NY-NJ-PA	61
		Tampa-St. Petersburg-Clearwater, FL	61	Houston-The Woodlands-Sugar Land, TX	57
		St. Louis, MO-IL	54	Denver-Aurora-Lakewood, CO	56
		San Francisco-Oakland-Hayward, CA	53	Tampa-St. Petersburg-Clearwater, FL	52
		Boston-Cambridge-Nashua, MA-NH	52	Detroit-Warren-Dearborn, MI	51
		Orlando-Kissimmee-Sanford, FL	45	Washington-Arlington-Alexandria, DC-VA-MD-WV	44
		Seattle-Tacoma-Bellevue, WA	44	Phoenix-Mesa-Scottsdale, AZ	43
		Phoenix-Mesa-Scottsdale, AZ	43	Durham-Chapel Hill, NC	43
		San Antonio-New Braunfels, TX	41	Orlando-Kissimmee-Sanford, FL	41
		Detroit-Warren-Dearborn, MI	40	San Antonio-New Braunfels, TX	40
		Nashville-Davidson--Murfreesboro--Franklin, TN	38	Louisville/Jefferson County, KY-IN	40
		Washington-Arlington-Alexandria, DC-VA-MD-WV	37	Seattle-Tacoma-Bellevue, WA	37
		Sacramento--Roseville--Arden-Arcade, CA	33	St. Louis, MO-IL	36
		Louisville/Jefferson County, KY-IN	33	San Francisco-Oakland-Hayward, CA	36
		Houston-The Woodlands-Sugar Land, TX	33	San Diego-Carlsbad, CA	34
		Cincinnati, OH-KY-IN	32	Atlanta-Sandy Springs-Roswell, GA	34
		Atlanta-Sandy Springs-Roswell, GA	32	Nashville-Davidson--Murfreesboro--Franklin, TN	33
		Riverside-San Bernardino-Ontario, CA	31	San Jose-Sunnyvale-Santa Clara, CA	32
		Minneapolis-St. Paul-Bloomington, MN-WI	31	Kansas City, MO-KS	32

Pharmacy Demand Report (PDR)

Hospital Pharmacist

Job Postings Per State

State/Territory	2020							2021						
	Number of Pharmacists Licensed (as of Oct. 2020)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	2	0	4	2	8	3.66	9,606	14	3	2	15	34	15.56
Alaska	1,002	3	0	2	10	15	14.97	1,002	6	13	11	7	37	36.93
Arizona	12,051	22	21	31	17	91	7.55	12,051	18	32	33	34	117	9.71
Arkansas	6,540	3	0	1	11	15	2.29	6,540	4	4	5	3	16	2.45
California	47,926	154	106	41	68	369	7.70	48,204	83	173	133	112	501	10.39
Colorado	8,832	19	3	7	13	42	4.76	9,064	11	24	32	30	97	10.70
Connecticut	5,545	3	10	3	7	23	4.15	5,545	4	5	5	11	25	4.51
Delaware	2,415	2	2	1	5	10	4.14	2,415	3	1	1	6	11	4.55
District of Columbia	2,045	0	0	0	0	0	0.00	2,036	0	0	0	1	1	0.49
Florida	34,157	27	29	21	17	94	2.75	35,824	17	22	25	18	82	2.29
Georgia	15,216	14	18	16	15	63	4.14	15,216	15	11	22	15	63	4.14
Hawaii	2,451	1	0	1	0	2	0.82	2,451	3	1	5	3	12	4.90
Idaho	4,082	1	1	0	1	3	0.73	3,624	2	16	6	4	28	7.73
Illinois	18,446	15	19	13	28	75	4.07	21,122	33	46	20	76	175	8.29
Indiana	11,497	20	8	3	8	39	3.39	11,497	16	24	15	12	67	5.83
Iowa	6,349	1	2	5	1	9	1.42	6,581	4	13	3	2	22	3.34
Kansas	7,234	3	1	2	24	30	4.15	7,717	13	10	9	5	37	4.79
Kentucky	10,767	9	9	5	9	32	2.97	10,939	2	26	9	12	49	4.48
Louisiana	9,200	25	28	8	16	77	8.37	9,317	5	12	22	12	51	5.47
Maine	2,300	2	2	1	8	13	5.65	2,343	3	2	0	1	6	2.56
Maryland	12,228	7	13	7	12	39	3.19	12,228	4	22	5	11	42	3.43
Massachusetts	13,936	5	8	9	14	36	2.58	14,029	9	27	5	9	50	3.56
Michigan	16,582	22	23	10	28	83	5.01	16,867	7	20	19	20	66	3.91
Minnesota	9,033	10	11	13	11	45	4.98	9,176	15	18	22	22	77	8.39
Mississippi	6,357	1	1	2	7	11	1.73	6,540	6	14	8	3	31	4.74
Missouri	11,320	4	2	1	23	30	2.65	11,822	7	20	6	30	63	5.33
Montana	2,111	3	1	1	0	5	2.37	2,200	3	14	11	25	53	24.09
Nebraska	5,495	19	8	3	20	50	9.10	5,495	12	21	5	4	42	7.64
Nevada	7,721	15	8	6	12	41	5.31	7,721	11	17	14	14	56	7.25
New Hampshire	2,912	0	0	1	2	3	1.03	2,827	0	15	8	19	42	14.86
New Jersey	18,019	29	22	10	13	74	4.11	18,019	16	31	27	4	78	4.33
New Mexico	3,065	13	7	12	13	45	14.68	3,158	9	19	1	17	46	14.57
New York	27,113	18	15	15	12	60	2.21	28,816	28	32	16	13	89	3.09
North Carolina	17,009	13	12	11	20	56	3.29	17,284	15	18	9	10	52	3.01
North Dakota	2,336	0	1	0	3	4	1.71	2,238	4	4	4	0	12	5.36
Ohio	20,979	16	7	18	22	63	3.00	21,906	25	21	45	19	110	5.02
Oklahoma	7,838	11	12	5	10	38	4.85	8,150	13	14	1	4	32	3.93
Oregon	8,488	6	5	4	8	23	2.71	9,006	6	11	7	17	41	4.55
Pennsylvania	24,586	50	25	27	25	127	5.17	23,473	25	41	35	38	139	5.92
Puerto Rico	5,340	0	0	1	0	1	0.19	5,340	0	1	0	0	1	0.19
Rhode Island	2,185	3	0	1	8	12	5.49	2,185	4	2	8	1	15	6.86
South Carolina	9,458	4	6	6	7	23	2.43	9,184	8	8	3	3	22	2.40
South Dakota	2,046	0	0	0	0	0	0.00	2,085	2	2	1	0	5	2.40
Tennessee	12,556	4	4	0	9	17	1.35	12,556	3	10	5	6	24	1.91
Texas	35,669	48	16	37	28	129	3.62	36,154	40	34	62	44	180	4.98
Utah	4,094	4	1	4	2	11	2.69	4,257	0	1	6	3	10	2.35
Vermont	1,231	0	0	0	2	2	1.62	1,227	1	2	0	0	3	2.44
Virginia	15,616	9	0	5	6	20	1.28	16,159	6	8	7	7	28	1.73
Washington	10,969	29	17	9	27	82	7.48	10,969	18	26	21	21	86	7.84
West Virginia	5,522	0	0	1	0	1	0.18	5,522	0	2	2	8	12	2.17
Wisconsin	8,942	23	6	2	18	49	5.48	8,942	3	15	9	19	46	5.14
Wyoming	1,441	1	0	1	0	2	1.39	1,437	1	1	2	3	7	4.87

Pharmacy Demand Report (PDR)

Hospital Pharmacist

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

2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	99	Chicago-Naperville-Elgin, IL-IN-WI	31	Chicago-Naperville-Elgin, IL-IN-WI	44
Los Angeles-Long Beach-Anaheim, CA	94	New York-Newark-Jersey City, NY-NJ-PA	28	San Francisco-Oakland-Hayward, CA	34
Phoenix-Mesa-Scottsdale, AZ	72	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	17	New York-Newark-Jersey City, NY-NJ-PA	33
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	66	San Francisco-Oakland-Hayward, CA	15	Los Angeles-Long Beach-Anaheim, CA	27
San Francisco-Oakland-Hayward, CA	65	Sacramento--Roseville--Arden-Arcade, CA	15	Boston-Cambridge-Nashua, MA-NH	25
Seattle-Tacoma-Bellevue, WA	63	Phoenix-Mesa-Scottsdale, AZ	14	Phoenix-Mesa-Scottsdale, AZ	23
Chicago-Naperville-Elgin, IL-IN-WI	61	Los Angeles-Long Beach-Anaheim, CA	14	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	22
Sacramento--Roseville--Arden-Arcade, CA	49	Seattle-Tacoma-Bellevue, WA	13	Seattle-Tacoma-Bellevue, WA	20
Detroit-Warren-Dearborn, MI	43	Dallas-Fort Worth-Arlington, TX	13	Denver-Aurora-Lakewood, CO	19
Denver-Aurora-Lakewood, CO	35	Minneapolis-St. Paul-Bloomington, MN-WI	12	Sacramento--Roseville--Arden-Arcade, CA	18
Dallas-Fort Worth-Arlington, TX	35	Wichita Falls, TX	9	Minneapolis-St. Paul-Bloomington, MN-WI	15
Atlanta-Sandy Springs-Roswell, GA	35	Houston-The Woodlands-Sugar Land, TX	9	Kansas City, MO-KS	15
New Orleans-Metairie, LA	34	Denver-Aurora-Lakewood, CO	9	Washington-Arlington-Alexandria, DC-VA-MD-WV	12
Orlando-Kissimmee-Sanford, FL	32	Wichita, KS	8	Santa Rosa, CA	12
Baltimore-Columbia-Towson, MD	29	Orlando-Kissimmee-Sanford, FL	8	Orlando-Kissimmee-Sanford, FL	11
Albuquerque, NM	27	Las Vegas-Henderson-Paradise, NV	8	Las Vegas-Henderson-Paradise, NV	10
Pittsburgh, PA	25	Tuscaloosa, AL	7	Detroit-Warren-Dearborn, MI	10
Boston-Cambridge-Nashua, MA-NH	25	San Diego-Carlsbad, CA	7	San Jose-Sunnyvale-Santa Clara, CA	9
Raleigh, NC	24	Kansas City, MO-KS	7	Omaha-Council Bluffs, NE-IA	9
Milwaukee-Waukesha-West Allis, WI	24	Cincinnati, OH-KY-IN	7	Oklahoma City, OK	8
Las Vegas-Henderson-Paradise, NV	24	Stockton-Lodi, CA	5	Fresno, CA	8
El Paso, TX	23	St. Louis, MO-IL	5	Baltimore-Columbia-Towson, MD	8
Omaha-Council Bluffs, NE-IA	22	Riverside-San Bernardino-Ontario, CA	5	Albuquerque, NM	8
San Diego-Carlsbad, CA	20	Lafayette-West Lafayette, IN	5	Tucson, AZ	7
Indianapolis-Carmel-Anderson, IN	20	Durham-Chapel Hill, NC	5	Stockton-Lodi, CA	7
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26	Chicago-Naperville-Elgin, IL-IN-WI	59
		New York-Newark-Jersey City, NY-NJ-PA	26	New York-Newark-Jersey City, NY-NJ-PA	28
		Phoenix-Mesa-Scottsdale, AZ	24	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	24
		Los Angeles-Long Beach-Anaheim, CA	20	Los Angeles-Long Beach-Anaheim, CA	23
		Sacramento--Roseville--Arden-Arcade, CA	18	Seattle-Tacoma-Bellevue, WA	17
		Chicago-Naperville-Elgin, IL-IN-WI	18	San Francisco-Oakland-Hayward, CA	17
		Denver-Aurora-Lakewood, CO	17	Denver-Aurora-Lakewood, CO	17
		San Francisco-Oakland-Hayward, CA	15	Phoenix-Mesa-Scottsdale, AZ	14
		Seattle-Tacoma-Bellevue, WA	14	Atlanta-Sandy Springs-Roswell, GA	13
		Atlanta-Sandy Springs-Roswell, GA	14	Tucson, AZ	12
		San Jose-Sunnyvale-Santa Clara, CA	12	Sacramento--Roseville--Arden-Arcade, CA	12
		Orlando-Kissimmee-Sanford, FL	10	Portland-Vancouver-Hillsboro, OR-WA	11
		Dallas-Fort Worth-Arlington, TX	9	Minneapolis-St. Paul-Bloomington, MN-WI	11
		Columbus, OH	9	Houston-The Woodlands-Sugar Land, TX	11
		Stockton-Lodi, CA	8	Reno, NV	10
		Riverside-San Bernardino-Ontario, CA	8	Wichita Falls, TX	9
		New Orleans-Metairie, LA	8	Montgomery, AL	9
		Minneapolis-St. Paul-Bloomington, MN-WI	8	Baltimore-Columbia-Towson, MD	9
		Austin-Round Rock, TX	8	New Orleans-Metairie, LA	8
		Tucson, AZ	7	Kansas City, MO-KS	8
		Santa Rosa, CA	7	St. Louis, MO-IL	7
		Providence-Warwick, RI-MA	7	Raleigh, NC	7
		Indianapolis-Carmel-Anderson, IN	7	Janesville-Beloit, WI	7
		Cleveland-Elyria, OH	7	Indianapolis-Carmel-Anderson, IN	7
		San Antonio-New Braunfels, TX	6	Billings, MT	7

Pharmacy Demand Report (PDR)

Other Pharmacist Occupations

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

Job Postings Per State

State/Territory	2020							2021						
	Number of Pharmacists Licensed (as of Oct. 2020)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	13	5	5	6	29	2.81	9,606	7	11	14	16	48	5.00
Alaska	1,002	2	3	1	2	8	7.98	1,002	8	5	6	6	25	24.95
Arizona	12,051	33	25	26	34	118	9.79	12,051	31	52	60	52	195	16.18
Arkansas	6,540	23	9	9	16	57	8.72	6,540	9	10	8	17	44	6.73
California	47,926	193	152	143	97	585	12.21	48,204	176	208	187	201	772	16.02
Colorado	8,832	35	21	29	33	118	13.36	9,064	16	33	51	32	132	14.56
Connecticut	5,545	21	21	24	18	84	15.15	5,545	11	36	32	70	149	26.87
Delaware	2,415	8	0	2	3	13	5.38	2,415	3	5	8	12	28	11.59
District of Columbia	2,045	8	4	4	6	22	10.76	2,036	5	5	3	11	24	11.79
Florida	34,157	115	52	62	71	300	8.78	35,824	92	96	97	111	396	11.05
Georgia	15,216	51	26	31	33	141	9.27	15,216	24	29	24	23	100	6.57
Hawaii	2,451	4	1	1	1	7	2.86	2,451	3	6	6	10	25	10.20
Idaho	4,082	8	5	12	8	33	8.08	3,624	17	7	16	4	44	12.14
Illinois	18,446	65	34	19	32	150	8.13	21,122	48	78	67	82	275	13.02
Indiana	11,497	53	30	14	57	154	13.39	11,497	43	57	40	45	185	16.09
Iowa	6,349	13	4	2	10	29	4.57	6,581	8	11	18	19	56	8.51
Kansas	7,234	12	17	11	5	45	6.22	7,717	16	13	28	12	69	8.94
Kentucky	10,767	26	10	7	21	64	5.94	10,939	23	21	15	25	84	7.68
Louisiana	9,200	10	8	6	12	36	3.91	9,317	44	17	27	19	107	11.48
Maine	2,300	5	5	2	3	15	6.52	2,343	3	1	4	3	11	4.69
Maryland	12,228	17	20	23	19	79	6.46	12,228	21	30	19	20	90	7.36
Massachusetts	13,936	62	37	48	51	198	14.21	14,029	51	67	58	49	225	16.04
Michigan	16,582	86	44	35	75	240	14.47	16,867	63	61	88	69	281	16.66
Minnesota	9,033	38	26	24	18	106	11.73	9,176	32	33	37	25	127	13.84
Mississippi	6,357	3	5	0	0	8	1.26	6,540	2	10	9	5	26	3.98
Missouri	11,320	36	15	21	27	99	8.75	11,822	18	30	28	32	108	9.14
Montana	2,111	9	3	3	0	15	7.11	2,200	2	6	9	6	23	10.45
Nebraska	5,495	10	5	4	9	28	5.10	5,495	4	10	8	5	27	4.91
Nevada	7,721	24	10	17	12	63	8.16	7,721	9	10	13	14	46	5.96
New Hampshire	2,912	9	6	8	10	33	11.33	2,827	17	15	12	9	53	18.75
New Jersey	18,019	95	58	23	42	218	12.10	18,019	64	58	74	80	276	15.32
New Mexico	3,065	7	11	5	10	33	10.77	3,158	12	5	10	4	31	9.82
New York	27,113	78	37	44	66	225	8.30	28,816	67	69	81	71	288	9.99
North Carolina	17,009	50	18	30	34	132	7.76	17,284	72	59	59	49	239	13.83
North Dakota	2,336	8	4	6	5	23	9.85	2,238	6	4	4	9	23	10.28
Ohio	20,979	133	36	51	121	341	16.25	21,906	49	47	68	82	246	11.23
Oklahoma	7,838	14	11	11	9	45	5.74	8,150	11	11	14	14	50	6.13
Oregon	8,488	17	7	5	16	45	5.30	9,006	16	22	24	34	96	10.66
Pennsylvania	24,586	78	56	37	52	223	9.07	23,473	57	45	63	59	224	9.54
Puerto Rico	5,340	1	0	0	1	2	0.37	5,340	1	0	3	1	5	0.94
Rhode Island	2,185	14	5	2	3	24	10.98	2,185	5	3	5	2	15	6.86
South Carolina	9,458	9	8	4	17	38	4.02	9,184	8	10	11	25	54	5.88
South Dakota	2,046	7	4	1	5	17	8.31	2,085	5	6	7	6	24	11.51
Tennessee	12,556	31	19	18	18	86	6.85	12,556	18	14	18	41	91	7.25
Texas	35,669	110	56	68	91	325	9.11	36,154	101	95	128	108	432	11.95
Utah	4,094	15	2	6	3	26	6.35	4,257	6	13	11	7	37	8.69
Vermont	1,231	3	1	3	3	10	8.12	1,227	0	5	2	5	12	9.78
Virginia	15,616	34	12	20	18	84	5.38	16,159	41	28	52	62	183	11.32
Washington	10,969	23	29	17	22	91	8.30	10,969	33	38	43	42	156	14.22
West Virginia	5,522	1	2	1	7	11	1.99	5,522	5	1	1	3	10	1.81
Wisconsin	8,942	16	17	6	15	54	6.04	8,942	26	27	31	32	116	12.97
Wyoming	1,441	2	0	0	1	3	2.08	1,437	4	4	2	1	11	7.65

Pharmacy Demand Report (PDR)

Other Pharmacist Occupations

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

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

2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	328	New York-Newark-Jersey City, NY-NJ-PA	87	Chicago-Naperville-Elgin, IL-IN-WI	74
Los Angeles-Long Beach-Anaheim, CA	185	Los Angeles-Long Beach-Anaheim, CA	63	New York-Newark-Jersey City, NY-NJ-PA	73
Boston-Cambridge-Nashua, MA-NH	178	Boston-Cambridge-Nashua, MA-NH	45	Boston-Cambridge-Nashua, MA-NH	60
Detroit-Warren-Dearborn, MI	149	Chicago-Naperville-Elgin, IL-IN-WI	40	Phoenix-Mesa-Scottsdale, AZ	42
Cleveland-Elyria, OH	142	Detroit-Warren-Dearborn, MI	36	Los Angeles-Long Beach-Anaheim, CA	42
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	141	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	34	Sacramento--Roseville--Arden-Arcade, CA	36
Chicago-Naperville-Elgin, IL-IN-WI	125	Miami-Fort Lauderdale-West Palm Beach, FL	31	Indianapolis-Carmel-Anderson, IN	35
Miami-Fort Lauderdale-West Palm Beach, FL	108	Raleigh, NC	27	Dallas-Fort Worth-Arlington, TX	34
Dallas-Fort Worth-Arlington, TX	104	Houston-The Woodlands-Sugar Land, TX	27	Seattle-Tacoma-Bellevue, WA	28
Atlanta-Sandy Springs-Roswell, GA	91	Dallas-Fort Worth-Arlington, TX	27	San Francisco-Oakland-Hayward, CA	26
Sacramento--Roseville--Arden-Arcade, CA	87	Sacramento--Roseville--Arden-Arcade, CA	26	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	25
Phoenix-Mesa-Scottsdale, AZ	87	Baton Rouge, LA	26	Denver-Aurora-Lakewood, CO	24
Denver-Aurora-Lakewood, CO	82	Indianapolis-Carmel-Anderson, IN	25	Minneapolis-St. Paul-Bloomington, MN-WI	22
Tampa-St. Petersburg-Clearwater, FL	79	Seattle-Tacoma-Bellevue, WA	24	Miami-Fort Lauderdale-West Palm Beach, FL	22
Indianapolis-Carmel-Anderson, IN	71	Phoenix-Mesa-Scottsdale, AZ	21	Detroit-Warren-Dearborn, MI	21
Minneapolis-St. Paul-Bloomington, MN-WI	70	Minneapolis-St. Paul-Bloomington, MN-WI	21	Houston-The Woodlands-Sugar Land, TX	20
Houston-The Woodlands-Sugar Land, TX	68	Washington-Arlington-Alexandria, DC-VA-MD-WV	20	Durham-Chapel Hill, NC	20
San Francisco-Oakland-Hayward, CA	66	Tampa-St. Petersburg-Clearwater, FL	20	Portland-Vancouver-Hillsboro, OR-WA	19
Louisville/Jefferson County, KY-IN	63	Kansas City, MO-KS	20	Milwaukee-Waukesha-West Allis, WI	19
Seattle-Tacoma-Bellevue, WA	62	Buffalo-Cheektowaga-Niagara Falls, NY	20	Tampa-St. Petersburg-Clearwater, FL	17
Austin-Round Rock, TX	62	Cleveland-Elyria, OH	19	Kansas City, MO-KS	17
Washington-Arlington-Alexandria, DC-VA-MD-WV	61	San Francisco-Oakland-Hayward, CA	18	Jacksonville, FL	17
San Diego-Carlsbad, CA	59	Louisville/Jefferson County, KY-IN	18	Grand Rapids-Wyoming, MI	17
Baltimore-Columbia-Towson, MD	58	Milwaukee-Waukesha-West Allis, WI	17	Baltimore-Columbia-Towson, MD	17
Kansas City, MO-KS	56	Durham-Chapel Hill, NC	16	San Diego-Carlsbad, CA	16
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	108	New York-Newark-Jersey City, NY-NJ-PA	115		
Boston-Cambridge-Nashua, MA-NH	53	Chicago-Naperville-Elgin, IL-IN-WI	82		
Chicago-Naperville-Elgin, IL-IN-WI	51	Los Angeles-Long Beach-Anaheim, CA	51		
Detroit-Warren-Dearborn, MI	49	Boston-Cambridge-Nashua, MA-NH	45		
Phoenix-Mesa-Scottsdale, AZ	47	Phoenix-Mesa-Scottsdale, AZ	35		
Los Angeles-Long Beach-Anaheim, CA	47	Hartford-West Hartford-East Hartford, CT	34		
Dallas-Fort Worth-Arlington, TX	44	Seattle-Tacoma-Bellevue, WA	33		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	42	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	33		
Kansas City, MO-KS	31	Portland-Vancouver-Hillsboro, OR-WA	31		
Cincinnati, OH-KY-IN	28	Miami-Fort Lauderdale-West Palm Beach, FL	31		
Miami-Fort Lauderdale-West Palm Beach, FL	27	Houston-The Woodlands-Sugar Land, TX	31		
Sacramento--Roseville--Arden-Arcade, CA	26	San Diego-Carlsbad, CA	30		
Minneapolis-St. Paul-Bloomington, MN-WI	24	Orlando-Kissimmee-Sanford, FL	29		
Indianapolis-Carmel-Anderson, IN	24	Dallas-Fort Worth-Arlington, TX	28		
Denver-Aurora-Lakewood, CO	24	Cincinnati, OH-KY-IN	26		
Seattle-Tacoma-Bellevue, WA	23	Tampa-St. Petersburg-Clearwater, FL	24		
San Antonio-New Braunfels, TX	23	Nashville-Davidson--Murfreesboro--Franklin, TN	21		
Orlando-Kissimmee-Sanford, FL	21	Minneapolis-St. Paul-Bloomington, MN-WI	21		
New Orleans-Metairie, LA	20	Detroit-Warren-Dearborn, MI	21		
Portland-Vancouver-Hillsboro, OR-WA	19	San Jose-Sunnyvale-Santa Clara, CA	20		
Buffalo-Cheektowaga-Niagara Falls, NY	19	Denver-Aurora-Lakewood, CO	20		
Tampa-St. Petersburg-Clearwater, FL	18	Cleveland-Elyria, OH	20		
Roanoke, VA	18	Milwaukee-Waukesha-West Allis, WI	19		
Milwaukee-Waukesha-West Allis, WI	18	Indianapolis-Carmel-Anderson, IN	19		
San Francisco-Oakland-Hayward, CA	17	Durham-Chapel Hill, NC	19		

Pharmacy Demand Report (PDR)

Pharmacy Director

Job Postings Per State

State/Territory	2020							2021						
	Number of Pharmacists Licensed (as of Oct. 2020)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	4	5	3	1	13	1.26	9,606	5	11	8	14	38	3.96
Alaska	1,002	5	0	4	5	14	13.97	1,002	6	8	7	3	24	23.95
Arizona	12,051	21	20	13	10	64	5.31	12,051	16	63	26	26	131	10.87
Arkansas	6,540	7	3	3	5	18	2.75	6,540	5	6	4	5	20	3.06
California	47,926	139	96	134	82	451	9.41	48,204	122	180	78	100	480	9.96
Colorado	8,832	14	11	13	17	55	6.23	9,064	13	34	16	23	86	9.49
Connecticut	5,545	8	8	12	3	31	5.59	5,545	3	13	17	10	43	7.75
Delaware	2,415	5	1	0	1	7	2.90	2,415	1	3	0	1	5	2.07
District of Columbia	2,045	10	8	5	2	25	12.22	2,036	3	7	1	5	16	7.86
Florida	34,157	43	23	16	28	110	3.22	35,824	24	47	34	32	137	3.82
Georgia	15,216	14	10	11	8	43	2.83	15,216	15	27	19	17	78	5.13
Hawaii	2,451	3	0	0	0	3	1.22	2,451	1	2	1	3	7	2.86
Idaho	4,082	4	3	7	7	21	5.14	3,624	3	8	3	12	26	7.17
Illinois	18,446	20	24	17	17	78	4.23	21,122	26	27	23	24	100	4.73
Indiana	11,497	5	4	6	11	26	2.26	11,497	7	11	13	10	41	3.57
Iowa	6,349	6	1	5	1	13	2.05	6,581	5	12	6	5	28	4.25
Kansas	7,234	5	2	2	3	12	1.66	7,717	0	8	2	10	20	2.59
Kentucky	10,767	31	18	18	10	77	7.15	10,939	23	17	19	13	72	6.58
Louisiana	9,200	8	12	11	5	36	3.91	9,317	14	28	23	17	82	8.80
Maine	2,300	2	2	0	1	5	2.17	2,343	2	5	2	2	11	4.69
Maryland	12,228	7	3	3	2	15	1.23	12,228	5	12	9	6	32	2.62
Massachusetts	13,936	17	14	7	16	54	3.87	14,029	3	18	11	20	52	3.71
Michigan	16,582	30	10	11	12	63	3.80	16,867	23	26	15	24	88	5.22
Minnesota	9,033	10	4	13	9	36	3.99	9,176	15	14	13	16	58	6.32
Mississippi	6,357	6	2	5	1	14	2.20	6,540	2	16	2	2	22	3.36
Missouri	11,320	12	2	10	11	35	3.09	11,822	16	19	20	24	79	6.68
Montana	2,111	6	5	4	5	20	9.47	2,200	0	8	11	6	25	11.36
Nebraska	5,495	2	1	3	5	11	2.00	5,495	4	14	1	4	23	4.19
Nevada	7,721	11	13	16	8	48	6.22	7,721	15	21	14	22	72	9.33
New Hampshire	2,912	9	7	0	1	17	5.84	2,827	0	10	3	4	17	6.01
New Jersey	18,019	11	7	5	11	34	1.89	18,019	7	14	7	2	30	1.66
New Mexico	3,065	6	6	4	4	20	6.53	3,158	8	13	10	18	49	15.52
New York	27,113	27	20	21	18	86	3.17	28,816	14	41	22	18	95	3.30
North Carolina	17,009	12	18	33	13	76	4.47	17,284	19	19	21	21	80	4.63
North Dakota	2,336	0	1	5	10	16	6.85	2,238	7	6	5	6	24	10.72
Ohio	20,979	34	23	23	12	92	4.39	21,906	16	33	25	31	105	4.79
Oklahoma	7,838	6	2	5	3	16	2.04	8,150	8	18	5	6	37	4.54
Oregon	8,488	7	14	6	6	33	3.89	9,006	8	37	15	17	77	8.55
Pennsylvania	24,586	27	29	13	20	89	3.62	23,473	16	20	16	17	69	2.94
Puerto Rico	5,340	0	0	3	1	4	0.75	5,340	0	3	0	1	4	0.75
Rhode Island	2,185	4	0	4	3	11	5.03	2,185	4	7	1	3	15	6.86
South Carolina	9,458	7	8	6	9	30	3.17	9,184	9	15	1	15	40	4.36
South Dakota	2,046	0	0	2	0	2	0.98	2,085	0	6	2	2	10	4.80
Tennessee	12,556	18	5	21	9	53	4.22	12,556	8	19	20	12	59	4.70
Texas	35,669	79	56	36	51	222	6.22	36,154	53	77	60	79	269	7.44
Utah	4,094	3	1	5	11	20	4.89	4,257	8	16	9	14	47	11.04
Vermont	1,231	0	0	1	0	1	0.81	1,227	0	4	0	12	16	13.04
Virginia	15,616	19	11	16	3	49	3.14	16,159	14	30	26	24	94	5.82
Washington	10,969	16	11	7	16	50	4.56	10,969	15	45	15	15	90	8.20
West Virginia	5,522	8	3	4	7	22	3.98	5,522	3	8	1	4	16	2.90
Wisconsin	8,942	18	10	5	9	42	4.70	8,942	10	12	19	17	58	6.49
Wyoming	1,441	2	3	2	0	7	4.86	1,437	0	2	1	0	3	2.09

Pharmacy Demand Report (PDR)

Pharmacy Director

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

2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA	135	San Francisco-Oakland-Hayward, CA	31	Los Angeles-Long Beach-Anaheim, CA	44
New York-Newark-Jersey City, NY-NJ-PA	100	Chicago-Naperville-Elgin, IL-IN-WI	23	New York-Newark-Jersey City, NY-NJ-PA	42
San Francisco-Oakland-Hayward, CA	87	Los Angeles-Long Beach-Anaheim, CA	19	Phoenix-Mesa-Scottsdale, AZ	35
Chicago-Naperville-Elgin, IL-IN-WI	79	New York-Newark-Jersey City, NY-NJ-PA	14	Portland-Vancouver-Hillsboro, OR-WA	32
Dallas-Fort Worth-Arlington, TX	75	Louisville/Jefferson County, KY-IN	14	San Francisco-Oakland-Hayward, CA	30
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	68	Las Vegas-Henderson-Paradise, NV	13	Chicago-Naperville-Elgin, IL-IN-WI	24
Phoenix-Mesa-Scottsdale, AZ	55	Detroit-Warren-Dearborn, MI	13	Denver-Aurora-Lakewood, CO	23
Louisville/Jefferson County, KY-IN	48	Dallas-Fort Worth-Arlington, TX	13	Austin-Round Rock, TX	21
Boston-Cambridge-Nashua, MA-NH	47	Modesto, CA	12	Dallas-Fort Worth-Arlington, TX	18
Seattle-Tacoma-Bellevue, WA	42	Portland-Vancouver-Hillsboro, OR-WA	10	Las Vegas-Henderson-Paradise, NV	17
Las Vegas-Henderson-Paradise, NV	40	Denver-Aurora-Lakewood, CO	10	Tampa-St. Petersburg-Clearwater, FL	16
Detroit-Warren-Dearborn, MI	40	San Jose-Sunnyvale-Santa Clara, CA	9	Sacramento--Roseville--Arden-Arcade, CA	15
Washington-Arlington-Alexandria, DC-VA-MD-WV	38	Phoenix-Mesa-Scottsdale, AZ	9	Nashville-Davidson--Murfreesboro--Franklin, TN	15
San Diego-Carlsbad, CA	38	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	9	Detroit-Warren-Dearborn, MI	15
Modesto, CA	37	San Diego-Carlsbad, CA	8	Spokane-Spokane Valley, WA	14
Miami-Fort Lauderdale-West Palm Beach, FL	35	Sacramento--Roseville--Arden-Arcade, CA	8	San Diego-Carlsbad, CA	14
Houston-The Woodlands-Sugar Land, TX	34	Richmond, VA	8	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	14
Sacramento--Roseville--Arden-Arcade, CA	33	Kansas City, MO-KS	8	Modesto, CA	14
Atlanta-Sandy Springs-Roswell, GA	33	Houston-The Woodlands-Sugar Land, TX	8	Atlanta-Sandy Springs-Roswell, GA	14
Denver-Aurora-Lakewood, CO	31	Atlanta-Sandy Springs-Roswell, GA	8	Washington-Arlington-Alexandria, DC-VA-MD-WV	13
Minneapolis-St. Paul-Bloomington, MN-WI	30	Minneapolis-St. Paul-Bloomington, MN-WI	7	Virginia Beach-Norfolk-Newport News, VA-NC	13
San Antonio-New Braunfels, TX	27	Lexington-Fayette, KY	7	Seattle-Tacoma-Bellevue, WA	13
Tampa-St. Petersburg-Clearwater, FL	25	Tampa-St. Petersburg-Clearwater, FL	6	Salt Lake City, UT	13
Virginia Beach-Norfolk-Newport News, VA-NC	23	St. Louis, MO-IL	6	Minneapolis-St. Paul-Bloomington, MN-WI	13
Orlando-Kissimmee-Sanford, FL	23	Raleigh, NC	6	Boston-Cambridge-Nashua, MA-NH	13
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		Chicago-Naperville-Elgin, IL-IN-WI	22	Los Angeles-Long Beach-Anaheim, CA	26
		New York-Newark-Jersey City, NY-NJ-PA	20	Phoenix-Mesa-Scottsdale, AZ	20
		Los Angeles-Long Beach-Anaheim, CA	20	Chicago-Naperville-Elgin, IL-IN-WI	19
		Dallas-Fort Worth-Arlington, TX	20	San Francisco-Oakland-Hayward, CA	18
		Phoenix-Mesa-Scottsdale, AZ	19	Kansas City, MO-KS	18
		San Francisco-Oakland-Hayward, CA	18	Houston-The Woodlands-Sugar Land, TX	18
		Portland-Vancouver-Hillsboro, OR-WA	15	Las Vegas-Henderson-Paradise, NV	17
		Miami-Fort Lauderdale-West Palm Beach, FL	15	Dallas-Fort Worth-Arlington, TX	17
		Denver-Aurora-Lakewood, CO	14	Boston-Cambridge-Nashua, MA-NH	16
		Atlanta-Sandy Springs-Roswell, GA	14	San Antonio-New Braunfels, TX	15
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	13	Minneapolis-St. Paul-Bloomington, MN-WI	15
		Nashville-Davidson--Murfreesboro--Franklin, TN	13	New York-Newark-Jersey City, NY-NJ-PA	14
		Minneapolis-St. Paul-Bloomington, MN-WI	13	Denver-Aurora-Lakewood, CO	14
		Tampa-St. Petersburg-Clearwater, FL	12	Portland-Vancouver-Hillsboro, OR-WA	11
		New Orleans-Metairie, LA	11	Detroit-Warren-Dearborn, MI	11
		Louisville/Jefferson County, KY-IN	10	Austin-Round Rock, TX	11
		Las Vegas-Henderson-Paradise, NV	10	Miami-Fort Lauderdale-West Palm Beach, FL	10
		Detroit-Warren-Dearborn, MI	10	San Diego-Carlsbad, CA	9
		Virginia Beach-Norfolk-Newport News, VA-NC	9	Richmond, VA	9
		St. Louis, MO-IL	9	Virginia Beach-Norfolk-Newport News, VA-NC	8
		Seattle-Tacoma-Bellevue, WA	9	Tampa-St. Petersburg-Clearwater, FL	8
		Salt Lake City, UT	9	Seattle-Tacoma-Bellevue, WA	8
		Raleigh, NC	9	Salt Lake City, UT	8
		Austin-Round Rock, TX	9	Riverside-San Bernardino-Ontario, CA	8
		San Antonio-New Braunfels, TX	8	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	8

Pharmacy Demand Report (PDR)

Retail Pharmacist

Job Postings Per State

State/Territory	2020							2021						
	Number of Pharmacists Licensed (as of Oct. 2020)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	96	36	93	116	341	32.99	9,606	175	151	210	371	907	94.42
Alaska	1,002	17	18	14	44	93	92.81	1,002	45	52	47	43	187	186.63
Arizona	12,051	179	149	279	315	922	76.51	12,051	245	267	285	370	1,167	96.84
Arkansas	6,540	48	13	65	63	189	28.90	6,540	89	63	91	146	389	59.48
California	47,926	725	454	569	804	2,552	53.25	48,204	1,050	775	925	780	3,530	73.23
Colorado	8,832	119	57	81	98	355	40.19	9,064	125	131	187	181	624	68.84
Connecticut	5,545	84	32	88	111	315	56.81	5,545	115	109	127	159	510	91.97
Delaware	2,415	19	17	23	38	97	40.17	2,415	26	61	53	37	177	73.29
District of Columbia	2,045	11	9	11	12	43	21.03	2,036	21	24	21	25	91	44.70
Florida	34,157	406	165	398	488	1,457	42.66	35,824	661	458	615	513	2,247	62.72
Georgia	15,216	195	100	221	245	761	50.01	15,216	345	238	382	325	1,290	84.78
Hawaii	2,451	20	16	33	37	106	43.25	2,451	46	44	58	33	181	73.85
Idaho	4,082	20	19	37	62	138	33.81	3,624	65	72	78	83	298	82.23
Illinois	18,446	164	119	124	259	666	36.11	21,122	334	201	366	350	1,251	59.23
Indiana	11,497	201	84	133	310	728	63.32	11,497	348	240	420	372	1,380	120.03
Iowa	6,349	72	41	54	108	275	43.31	6,581	116	79	110	106	411	62.45
Kansas	7,234	41	25	28	58	152	21.01	7,717	86	78	68	91	323	41.86
Kentucky	10,767	114	58	55	98	325	30.18	10,939	116	154	157	133	560	51.19
Louisiana	9,200	81	49	117	132	379	41.20	9,317	155	97	162	190	604	64.83
Maine	2,300	11	9	14	39	73	31.74	2,343	44	46	44	63	197	84.08
Maryland	12,228	127	54	111	145	437	35.74	12,228	211	184	239	127	761	62.23
Massachusetts	13,936	158	92	145	190	585	41.98	14,029	323	260	258	228	1,069	76.20
Michigan	16,582	175	75	95	229	574	34.62	16,867	304	188	278	316	1,086	64.39
Minnesota	9,033	89	65	106	141	401	44.39	9,176	221	141	192	170	724	78.90
Mississippi	6,357	63	16	69	62	210	33.03	6,540	69	81	117	122	389	59.48
Missouri	11,320	105	53	120	183	461	40.72	11,822	209	149	215	176	749	63.36
Montana	2,111	19	27	22	38	106	50.21	2,200	64	66	51	49	230	104.55
Nebraska	5,495	58	24	43	53	178	32.39	5,495	64	101	51	63	279	50.77
Nevada	7,721	65	36	63	64	228	29.53	7,721	59	70	64	55	248	32.12
New Hampshire	2,912	41	26	40	59	166	57.01	2,827	46	54	52	59	211	74.64
New Jersey	18,019	201	124	126	197	648	35.96	18,019	275	274	375	220	1,144	63.49
New Mexico	3,065	30	17	35	48	130	42.41	3,158	33	47	50	50	180	57.00
New York	27,113	358	286	319	413	1,376	50.75	28,816	592	459	591	466	2,108	73.15
North Carolina	17,009	187	105	144	206	642	37.74	17,284	267	188	315	214	984	56.93
North Dakota	2,336	10	11	21	25	67	28.68	2,238	40	18	27	31	116	51.83
Ohio	20,979	178	117	119	282	696	33.18	21,906	305	207	322	303	1,137	51.90
Oklahoma	7,838	81	48	78	84	291	37.13	8,150	119	104	154	147	524	64.29
Oregon	8,488	52	42	40	127	261	30.75	9,006	100	154	141	216	611	67.84
Pennsylvania	24,586	414	211	220	374	1,219	49.58	23,473	402	350	462	346	1,560	66.46
Puerto Rico	5,340	28	10	20	31	89	16.67	5,340	35	27	39	13	114	21.35
Rhode Island	2,185	44	19	28	64	155	70.94	2,185	53	44	44	40	181	82.84
South Carolina	9,458	120	53	76	99	348	36.79	9,184	196	110	188	142	636	69.25
South Dakota	2,046	5	4	10	14	33	16.13	2,085	17	27	25	35	104	49.88
Tennessee	12,556	131	32	87	153	403	32.10	12,556	148	118	134	205	605	48.18
Texas	35,669	460	215	454	422	1,551	43.48	36,154	679	482	739	529	2,429	67.18
Utah	4,094	24	7	23	33	87	21.25	4,257	29	58	66	45	198	46.51
Vermont	1,231	28	18	24	30	100	81.23	1,227	41	41	29	47	158	128.77
Virginia	15,616	177	64	104	196	541	34.64	16,159	231	179	285	220	915	56.62
Washington	10,969	147	75	124	196	542	49.41	10,969	223	203	297	324	1,047	95.45
West Virginia	5,522	37	12	31	45	125	22.64	5,522	56	42	74	54	226	40.93
Wisconsin	8,942	149	60	78	190	477	53.34	8,942	185	138	141	159	623	69.67
Wyoming	1,441	12	5	9	12	38	26.37	1,437	16	7	10	22	55	38.27

Pharmacy Demand Report (PDR)

Retail Pharmacist

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

2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	1,424	New York-Newark-Jersey City, NY-NJ-PA	538	New York-Newark-Jersey City, NY-NJ-PA	442
Phoenix-Mesa-Scottsdale, AZ	668	Boston-Cambridge-Nashua, MA-NH	222	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	210
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	634	Los Angeles-Long Beach-Anaheim, CA	208	Boston-Cambridge-Nashua, MA-NH	175
Los Angeles-Long Beach-Anaheim, CA	515	San Francisco-Oakland-Hayward, CA	199	Phoenix-Mesa-Scottsdale, AZ	155
San Francisco-Oakland-Hayward, CA	431	Chicago-Naperville-Elgin, IL-IN-WI	186	San Francisco-Oakland-Hayward, CA	154
Boston-Cambridge-Nashua, MA-NH	414	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	175	Washington-Arlington-Alexandria, DC-VA-MD-WV	142
Chicago-Naperville-Elgin, IL-IN-WI	403	Atlanta-Sandy Springs-Roswell, GA	167	Dallas-Fort Worth-Arlington, TX	140
Dallas-Fort Worth-Arlington, TX	391	Dallas-Fort Worth-Arlington, TX	162	Los Angeles-Long Beach-Anaheim, CA	123
Atlanta-Sandy Springs-Roswell, GA	371	Phoenix-Mesa-Scottsdale, AZ	159	Chicago-Naperville-Elgin, IL-IN-WI	115
Washington-Arlington-Alexandria, DC-VA-MD-WV	353	Washington-Arlington-Alexandria, DC-VA-MD-WV	156	Miami-Fort Lauderdale-West Palm Beach, FL	100
Seattle-Tacoma-Bellevue, WA	277	Detroit-Warren-Dearborn, MI	146	Seattle-Tacoma-Bellevue, WA	95
Indianapolis-Carmel-Anderson, IN	271	Miami-Fort Lauderdale-West Palm Beach, FL	129	Atlanta-Sandy Springs-Roswell, GA	95
St. Louis, MO-IL	269	Minneapolis-St. Paul-Bloomington, MN-WI	127	Houston-The Woodlands-Sugar Land, TX	89
Sacramento--Roseville--Arden-Arcade, CA	265	Indianapolis-Carmel-Anderson, IN	127	St. Louis, MO-IL	88
Houston-The Woodlands-Sugar Land, TX	256	St. Louis, MO-IL	110	Indianapolis-Carmel-Anderson, IN	83
Miami-Fort Lauderdale-West Palm Beach, FL	254	Baltimore-Columbia-Towson, MD	108	Sacramento--Roseville--Arden-Arcade, CA	75
Tampa-St. Petersburg-Clearwater, FL	246	Seattle-Tacoma-Bellevue, WA	100	Baltimore-Columbia-Towson, MD	74
Detroit-Warren-Dearborn, MI	243	Riverside-San Bernardino-Ontario, CA	100	Portland-Vancouver-Hillsboro, OR-WA	73
Minneapolis-St. Paul-Bloomington, MN-WI	233	Tampa-St. Petersburg-Clearwater, FL	97	Minneapolis-St. Paul-Bloomington, MN-WI	71
Orlando-Kissimmee-Sanford, FL	231	Sacramento--Roseville--Arden-Arcade, CA	94	Tampa-St. Petersburg-Clearwater, FL	70
Pittsburgh, PA	206	Houston-The Woodlands-Sugar Land, TX	90	Kansas City, MO-KS	66
Baltimore-Columbia-Towson, MD	204	Pittsburgh, PA	85	Orlando-Kissimmee-Sanford, FL	63
Milwaukee-Waukesha-West Allis, WI	198	Orlando-Kissimmee-Sanford, FL	84	Detroit-Warren-Dearborn, MI	63
Riverside-San Bernardino-Ontario, CA	188	Kansas City, MO-KS	77	Denver-Aurora-Lakewood, CO	63
Denver-Aurora-Lakewood, CO	171	Providence-Warwick, RI-MA	69	Providence-Warwick, RI-MA	54
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	616	New York-Newark-Jersey City, NY-NJ-PA	382
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	312	Phoenix-Mesa-Scottsdale, AZ	196
		Washington-Arlington-Alexandria, DC-VA-MD-WV	218	Chicago-Naperville-Elgin, IL-IN-WI	194
		Dallas-Fort Worth-Arlington, TX	218	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	184
		Chicago-Naperville-Elgin, IL-IN-WI	208	Los Angeles-Long Beach-Anaheim, CA	159
		Atlanta-Sandy Springs-Roswell, GA	191	Boston-Cambridge-Nashua, MA-NH	145
		Los Angeles-Long Beach-Anaheim, CA	185	Atlanta-Sandy Springs-Roswell, GA	144
		Phoenix-Mesa-Scottsdale, AZ	182	Washington-Arlington-Alexandria, DC-VA-MD-WV	131
		Boston-Cambridge-Nashua, MA-NH	174	Indianapolis-Carmel-Anderson, IN	121
		Miami-Fort Lauderdale-West Palm Beach, FL	138	Seattle-Tacoma-Bellevue, WA	118
		San Francisco-Oakland-Hayward, CA	134	San Francisco-Oakland-Hayward, CA	115
		Seattle-Tacoma-Bellevue, WA	128	Dallas-Fort Worth-Arlington, TX	111
		Houston-The Woodlands-Sugar Land, TX	122	Miami-Fort Lauderdale-West Palm Beach, FL	108
		Indianapolis-Carmel-Anderson, IN	117	Portland-Vancouver-Hillsboro, OR-WA	101
		Minneapolis-St. Paul-Bloomington, MN-WI	106	Detroit-Warren-Dearborn, MI	92
		St. Louis, MO-IL	105	Birmingham-Hoover, AL	91
		Detroit-Warren-Dearborn, MI	95	Minneapolis-St. Paul-Bloomington, MN-WI	87
		Denver-Aurora-Lakewood, CO	92	Tampa-St. Petersburg-Clearwater, FL	82
		Orlando-Kissimmee-Sanford, FL	91	Pittsburgh, PA	82
		Baltimore-Columbia-Towson, MD	89	Riverside-San Bernardino-Ontario, CA	78
		Sacramento--Roseville--Arden-Arcade, CA	82	Houston-The Woodlands-Sugar Land, TX	78
		Kansas City, MO-KS	75	Denver-Aurora-Lakewood, CO	78
		Tampa-St. Petersburg-Clearwater, FL	70	St. Louis, MO-IL	70
		Cleveland-Elyria, OH	70	Orlando-Kissimmee-Sanford, FL	64
				Nashville-Davidson--Murfreesboro--Franklin, TN	63

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

Job Postings Per State

State/Territory	2020							2021						
	Number of Pharmacists Licensed (as of Oct. 2020)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2020	Number of Pharmacists Licensed (as of Oct. 2021)	Q1	Q2	Q3	Q4	Total	Postings Quotient for 2021
Alabama	10,335	134	63	122	147	466	45.09	9,606	222	207	251	436	1,116	116.18
Alaska	1,002	38	28	31	71	168	167.66	1,002	75	93	82	66	316	315.37
Arizona	12,051	337	255	402	468	1,462	121.32	12,051	397	504	457	541	1,899	157.58
Arkansas	6,540	93	36	97	120	346	52.91	6,540	134	111	119	197	561	85.78
California	47,926	1,597	1,011	1,180	1,407	5,195	108.40	48,204	1,786	1,757	1,711	1,546	6,800	141.07
Colorado	8,832	280	119	198	254	851	96.35	9,064	262	325	384	349	1,320	145.63
Connecticut	5,545	183	113	168	184	648	116.86	5,545	185	205	206	293	889	160.32
Delaware	2,415	52	26	38	62	178	73.71	2,415	48	103	86	84	321	132.92
District of Columbia	2,045	44	41	42	32	159	77.75	2,036	39	65	35	66	205	100.69
Florida	34,157	902	348	739	870	2,859	83.70	35,824	1,070	895	1,055	917	3,937	109.90
Georgia	15,216	374	191	365	364	1,294	85.04	15,216	490	402	502	448	1,842	121.06
Hawaii	2,451	30	24	38	45	137	55.90	2,451	61	69	76	59	265	108.12
Idaho	4,082	54	33	71	176	334	81.82	3,624	111	142	136	126	515	142.11
Illinois	18,446	369	254	262	428	1,313	71.18	21,122	560	482	595	646	2,283	108.09
Indiana	11,497	324	158	186	455	1,123	97.68	11,497	463	386	520	488	1,857	161.52
Iowa	6,349	121	57	94	144	416	65.52	6,581	155	148	170	164	637	96.79
Kansas	7,234	93	59	62	134	348	48.11	7,717	150	132	132	149	563	72.96
Kentucky	10,767	224	133	130	195	682	63.34	10,939	212	272	247	252	983	89.86
Louisiana	9,200	158	119	177	208	662	71.96	9,317	255	197	269	288	1,009	108.30
Maine	2,300	32	23	32	65	152	66.09	2,343	55	66	60	77	258	110.12
Maryland	12,228	219	131	185	215	750	61.33	12,228	270	293	310	206	1,079	88.24
Massachusetts	13,936	358	212	274	358	1,202	86.25	14,029	439	445	393	396	1,673	119.25
Michigan	16,582	396	190	229	442	1,257	75.81	16,867	475	389	493	545	1,902	112.76
Minnesota	9,033	193	134	215	222	764	84.58	9,176	344	247	314	272	1,177	128.27
Mississippi	6,357	95	38	89	79	301	47.35	6,540	100	142	156	146	544	83.18
Missouri	11,320	244	121	221	322	908	80.21	11,822	310	296	343	339	1,288	108.95
Montana	2,111	44	42	44	51	181	85.74	2,200	76	104	95	100	375	170.45
Nebraska	5,495	101	53	61	104	319	58.05	5,495	91	163	78	87	419	76.25
Nevada	7,721	183	93	131	128	535	69.29	7,721	126	158	148	139	571	73.95
New Hampshire	2,912	66	47	69	151	333	114.35	2,827	77	121	93	106	397	140.43
New Jersey	18,019	407	277	215	320	1,219	67.65	18,019	430	454	566	349	1,799	99.84
New Mexico	3,065	69	49	67	88	273	89.07	3,158	78	116	95	103	392	124.13
New York	27,113	564	415	475	619	2,073	76.46	28,816	826	675	784	656	2,941	102.06
North Carolina	17,009	365	213	291	385	1,254	73.73	17,284	466	368	489	417	1,740	100.67
North Dakota	2,336	19	21	34	54	128	54.79	2,238	58	43	45	54	200	89.37
Ohio	20,979	571	237	298	545	1,651	78.70	21,906	477	415	540	544	1,976	90.20
Oklahoma	7,838	128	82	116	126	452	57.67	8,150	179	168	189	198	734	90.06
Oregon	8,488	108	78	74	175	435	51.25	9,006	156	279	236	343	1,014	112.59
Pennsylvania	24,586	696	419	389	550	2,054	83.54	23,473	634	565	689	563	2,451	104.42
Puerto Rico	5,340	30	11	26	41	108	20.22	5,340	41	40	52	23	156	29.21
Rhode Island	2,185	88	42	49	103	282	129.06	2,185	78	65	71	56	270	123.57
South Carolina	9,458	179	104	120	166	569	60.16	9,184	250	188	236	227	901	98.11
South Dakota	2,046	17	11	17	27	72	35.19	2,085	28	54	46	55	183	87.77
Tennessee	12,556	254	97	193	290	834	66.42	12,556	242	231	252	334	1,059	84.34
Texas	35,669	960	450	785	848	3,043	85.31	36,154	1,125	882	1,194	976	4,177	115.53
Utah	4,094	71	30	49	59	209	51.05	4,257	65	125	129	101	420	98.66
Vermont	1,231	33	20	31	35	119	96.67	1,227	46	61	35	66	208	169.52
Virginia	15,616	301	112	223	286	922	59.04	16,159	354	320	444	399	1,517	93.88
Washington	10,969	264	164	200	312	940	85.70	10,969	332	386	448	463	1,629	148.51
West Virginia	5,522	57	26	52	76	211	38.21	5,522	70	66	86	77	299	54.15
Wisconsin	8,942	239	117	123	281	760	84.99	8,942	280	262	248	265	1,055	117.98
Wyoming	1,441	18	9	14	17	58	40.25	1,437	21	16	21	27	85	59.15

Pharmacy Demand Report (PDR)

All Pharmacist Positions

(Excluding Pharmacy Technician)

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

2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	2,314	New York-Newark-Jersey City, NY-NJ-PA	783	New York-Newark-Jersey City, NY-NJ-PA	681
Los Angeles-Long Beach-Anaheim, CA	1,429	Los Angeles-Long Beach-Anaheim, CA	429	Los Angeles-Long Beach-Anaheim, CA	402
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,121	Chicago-Naperville-Elgin, IL-IN-WI	375	Chicago-Naperville-Elgin, IL-IN-WI	381
Phoenix-Mesa-Scottsdale, AZ	1,092	Boston-Cambridge-Nashua, MA-NH	313	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	347
Chicago-Naperville-Elgin, IL-IN-WI	1,000	San Francisco-Oakland-Hayward, CA	299	Boston-Cambridge-Nashua, MA-NH	342
Boston-Cambridge-Nashua, MA-NH	945	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	289	Phoenix-Mesa-Scottsdale, AZ	326
Dallas-Fort Worth-Arlington, TX	874	Miami-Fort Lauderdale-West Palm Beach, FL	281	San Francisco-Oakland-Hayward, CA	289
San Francisco-Oakland-Hayward, CA	773	Dallas-Fort Worth-Arlington, TX	275	Washington-Arlington-Alexandria, DC-VA-MD-WV	245
Miami-Fort Lauderdale-West Palm Beach, FL	741	Phoenix-Mesa-Scottsdale, AZ	271	Dallas-Fort Worth-Arlington, TX	243
Atlanta-Sandy Springs-Roswell, GA	708	Atlanta-Sandy Springs-Roswell, GA	239	Miami-Fort Lauderdale-West Palm Beach, FL	238
Detroit-Warren-Dearborn, MI	627	Detroit-Warren-Dearborn, MI	236	Seattle-Tacoma-Bellevue, WA	202
Washington-Arlington-Alexandria, DC-VA-MD-WV	598	Minneapolis-St. Paul-Bloomington, MN-WI	212	Denver-Aurora-Lakewood, CO	201
Seattle-Tacoma-Bellevue, WA	577	Washington-Arlington-Alexandria, DC-VA-MD-WV	209	Sacramento-Roseville-Arden-Arcade, CA	175
Sacramento-Roseville-Arden-Arcade, CA	553	Sacramento-Roseville-Arden-Arcade, CA	186	Atlanta-Sandy Springs-Roswell, GA	174
Tampa-St. Petersburg-Clearwater, FL	546	Houston-The Woodlands-Sugar Land, TX	185	Tampa-St. Petersburg-Clearwater, FL	173
Houston-The Woodlands-Sugar Land, TX	536	Indianapolis-Carmel-Anderson, IN	176	Houston-The Woodlands-Sugar Land, TX	169
St. Louis, MO-IL	507	Seattle-Tacoma-Bellevue, WA	171	Indianapolis-Carmel-Anderson, IN	161
Denver-Aurora-Lakewood, CO	507	Tampa-St. Petersburg-Clearwater, FL	168	Detroit-Warren-Dearborn, MI	160
Orlando-Kissimmee-Sanford, FL	490	St. Louis, MO-IL	159	St. Louis, MO-IL	159
Minneapolis-St. Paul-Bloomington, MN-WI	488	Baltimore-Columbia-Towson, MD	152	Portland-Vancouver-Hillsboro, OR-WA	153
Cleveland-Elyria, OH	452	Orlando-Kissimmee-Sanford, FL	151	Minneapolis-St. Paul-Bloomington, MN-WI	150
Indianapolis-Carmel-Anderson, IN	451	Denver-Aurora-Lakewood, CO	146	Kansas City, MO-KS	127
Baltimore-Columbia-Towson, MD	449	Riverside-San Bernardino-Ontario, CA	142	Baltimore-Columbia-Towson, MD	126
San Diego-Carlsbad, CA	377	Pittsburgh, PA	141	Orlando-Kissimmee-Sanford, FL	123
Pittsburgh, PA	373	Kansas City, MO-KS	139	Cincinnati, OH-KY-IN	120
Louisville/Jefferson County, KY-IN	366	Louisville/Jefferson County, KY-IN	118	San Diego-Carlsbad, CA	117
Riverside-San Bernardino-Ontario, CA	342	Portland-Vancouver-Hillsboro, OR-WA	107	San Jose-Sunnyvale-Santa Clara, CA	109
Las Vegas-Henderson-Paradise, NV	342	Cincinnati, OH-KY-IN	107	Nashville-Davidson--Murfreesboro--Franklin, TN	102
Kansas City, MO-KS	336	San Diego-Carlsbad, CA	103	Pittsburgh, PA	97
San Antonio-New Braunfels, TX	322	Nashville-Davidson--Murfreesboro--Franklin, TN	99	Virginia Beach-Norfolk-Newport News, VA-NC	95
Nashville-Davidson--Murfreesboro--Franklin, TN	318	Providence-Warwick, RI-MA	94	Louisville/Jefferson County, KY-IN	93
Milwaukee-Waukesha-West Allis, WI	309	Milwaukee-Waukesha-West Allis, WI	94	Las Vegas-Henderson-Paradise, NV	93
Cincinnati, OH-KY-IN	309	San Jose-Sunnyvale-Santa Clara, CA	92	Riverside-San Bernardino-Ontario, CA	91
Providence-Warwick, RI-MA	291	Cleveland-Elyria, OH	92	San Antonio-New Braunfels, TX	86
Austin-Round Rock, TX	286	Raleigh, NC	91	Cleveland-Elyria, OH	85
Portland-Vancouver-Hillsboro, OR-WA	271	Austin-Round Rock, TX	91	New Orleans-Metairie, LA	82
Charlotte-Concord-Gastonia, NC-SC	271	Virginia Beach-Norfolk-Newport News, VA-NC	83	Austin-Round Rock, TX	78
Raleigh, NC	264	Baton Rouge, LA	83	Boise City, ID	77
Memphis, TN-MS-AR	256	Las Vegas-Henderson-Paradise, NV	81	Salt Lake City, UT	75
New Orleans-Metairie, LA	250	San Antonio-New Braunfels, TX	76	Providence-Warwick, RI-MA	75
San Jose-Sunnyvale-Santa Clara, CA	241	Oklahoma City, OK	70	Milwaukee-Waukesha-West Allis, WI	75
Columbus, OH	237	Charlotte-Concord-Gastonia, NC-SC	69	Jacksonville, FL	74
Virginia Beach-Norfolk-Newport News, VA-NC	236	Boise City, ID	69	Hartford-West Hartford-East Hartford, CT	73
Oklahoma City, OK	213	Albany-Schenectady-Troy, NY	69	Omaha-Council Bluffs, NE-IA	71
Omaha-Council Bluffs, NE-IA	184	New Orleans-Metairie, LA	64	Memphis, TN-MS-AR	71
New Haven, CT (Metropolitan NECTA)	183	Birmingham-Hoover, AL	64	Raleigh, NC	70
Hartford-West Hartford-East Hartford, CT	183	Richmond, VA	63	Oklahoma City, OK	70
El Paso, TX	180	Memphis, TN-MS-AR	63	Charlotte-Concord-Gastonia, NC-SC	70
Richmond, VA	172	Buffalo-Cheektowaga-Niagara Falls, NY	60	Birmingham-Hoover, AL	66
Fresno, CA	165	Columbus, OH	58	Tucson, AZ	62
		Quarter 3		Quarter 4	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	861	New York-Newark-Jersey City, NY-NJ-PA	600		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	469	Chicago-Naperville-Elgin, IL-IN-WI	446		
Los Angeles-Long Beach-Anaheim, CA	429	Los Angeles-Long Beach-Anaheim, CA	393		
Chicago-Naperville-Elgin, IL-IN-WI	396	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	319		
Dallas-Fort Worth-Arlington, TX	354	Phoenix-Mesa-Scottsdale, AZ	308		
Phoenix-Mesa-Scottsdale, AZ	315	Boston-Cambridge-Nashua, MA-NH	274		
Miami-Fort Lauderdale-West Palm Beach, FL	293	Miami-Fort Lauderdale-West Palm Beach, FL	239		
Boston-Cambridge-Nashua, MA-NH	292	Dallas-Fort Worth-Arlington, TX	228		
Washington-Arlington-Alexandria, DC-VA-MD-WV	280	Seattle-Tacoma-Bellevue, WA	213		
Atlanta-Sandy Springs-Roswell, GA	262	Atlanta-Sandy Springs-Roswell, GA	212		
San Francisco-Oakland-Hayward, CA	237	San Francisco-Oakland-Hayward, CA	204		
Seattle-Tacoma-Bellevue, WA	218	Washington-Arlington-Alexandria, DC-VA-MD-WV	202		
Denver-Aurora-Lakewood, CO	216	Houston-The Woodlands-Sugar Land, TX	195		
Detroit-Warren-Dearborn, MI	198	Denver-Aurora-Lakewood, CO	185		
St. Louis, MO-IL	183	Portland-Vancouver-Hillsboro, OR-WA	184		
Minneapolis-St. Paul-Bloomington, MN-WI	182	Detroit-Warren-Dearborn, MI	180		
Houston-The Woodlands-Sugar Land, TX	177	Tampa-St. Petersburg-Clearwater, FL	172		
Indianapolis-Carmel-Anderson, IN	172	Indianapolis-Carmel-Anderson, IN	169		
Orlando-Kissimmee-Sanford, FL	168	Minneapolis-St. Paul-Bloomington, MN-WI	155		
Sacramento-Roseville-Arden-Arcade, CA	163	Pittsburgh, PA	140		
Tampa-St. Petersburg-Clearwater, FL	161	Orlando-Kissimmee-Sanford, FL	139		
Kansas City, MO-KS	139	Kansas City, MO-KS	131		
Baltimore-Columbia-Towson, MD	131	St. Louis, MO-IL	130		
Cincinnati, OH-KY-IN	127	San Diego-Carlsbad, CA	129		
Riverside-San Bernardino-Ontario, CA	113	Cincinnati, OH-KY-IN	125		
Cleveland-Elyria, OH	111	Riverside-San Bernardino-Ontario, CA	124		
San Diego-Carlsbad, CA	110	Nashville-Davidson--Murfreesboro--Franklin, TN	124		
Portland-Vancouver-Hillsboro, OR-WA	109	Sacramento-Roseville-Arden-Arcade, CA	115		
Louisville/Jefferson County, KY-IN	109	Birmingham-Hoover, AL	111		
San Antonio-New Braunfels, TX	108	Baltimore-Columbia-Towson, MD	111		
Pittsburgh, PA	106	Cleveland-Elyria, OH	107		
San Jose-Sunnyvale-Santa Clara, CA	104	San Antonio-New Braunfels, TX	106		
Nashville-Davidson--Murfreesboro--Franklin, TN	104	Louisville/Jefferson County, KY-IN	106		
Charlotte-Concord-Gastonia, NC-SC	103	Virginia Beach-Norfolk-Newport News, VA-NC	100		
Virginia Beach-Norfolk-Newport News, VA-NC	94	Hartford-West Hartford-East Hartford, CT	98		
Columbus, OH	89	San Jose-Sunnyvale-Santa Clara, CA	96		
Austin-Round Rock, TX	89	Columbus, OH	87		
Milwaukee-Waukesha-West Allis, WI	85	Las Vegas-Henderson-Paradise, NV	85		
New Orleans-Metairie, LA	84	Durham-Chapel Hill, NC	85		
Las Vegas-Henderson-Paradise, NV	81	Milwaukee-Waukesha-West Allis, WI	83		
Raleigh, NC	78	Tucson, AZ	82		
Salt Lake City, UT	77	Charlotte-Concord-Gastonia, NC-SC	79		
Providence-Warwick, RI-MA	76	Memphis, TN-MS-AR	78		
Oklahoma City, OK	74	Buffalo-Cheektowaga-Niagara Falls, NY	77		
Hartford-West Hartford-East Hartford, CT	74	Austin-Round Rock, TX	76		
Fresno, CA	73	Providence-Warwick, RI-MA	75		
Richmond, VA	72	Raleigh, NC	74		
Birmingham-Hoover, AL	72	New Orleans-Metairie, LA	74		
Memphis, TN-MS-AR	67	Oklahoma City, OK	72		
Boise City, ID	67	Grand Rapids-Wyoming, MI	71		

Pharmacy Demand Report (PDR)

Pharmacy Technician

Job Postings Per State

State/Territory	2020							2021						
	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)						Postings Quotient for 2020	Number of Employed Pharmacy Technicians According to BLS (as of May 2019)						Postings Quotient for 2021
	Q1	Q2	Q3	Q4	Total		Q1	Q2	Q3	Q4	Total			
Alabama	362	190	275	355	1,182	174.08	382	521	479	649	2,031	299.12		
Alaska	42	41	62	62	207	339.34	65	109	81	75	330	540.98		
Arizona	1,210	881	2,545	2,822	7,458	806.27	1,097	1,456	1,235	1,316	5,104	551.78		
Arkansas	153	97	200	180	630	137.86	194	221	264	311	990	216.63		
California	3,611	2,978	2,910	3,375	12,874	356.62	3,799	3,749	3,566	4,170	15,284	423.38		
Colorado	892	440	663	903	2,898	507.53	840	957	837	1,064	3,698	647.64		
Connecticut	368	234	339	391	1,332	352.38	330	375	389	573	1,667	441.01		
Delaware	74	67	49	78	268	211.02	56	114	97	125	392	308.66		
District of Columbia	74	75	52	68	269	407.58	57	78	74	88	297	450.00		
Florida	1,942	1,511	1,914	2,186	7,553	253.12	2,536	2,838	2,250	2,793	10,417	349.10		
Georgia	662	576	767	842	2,847	252.17	976	935	905	1,097	3,913	346.59		
Hawaii	70	60	82	109	321	173.51	122	165	109	149	545	294.59		
Idaho	137	99	185	196	617	273.01	238	255	240	268	1,001	442.92		
Illinois	1,270	897	911	1,268	4,346	218.61	1,109	1,331	1,514	1,721	5,675	285.46		
Indiana	729	538	551	1,084	2,902	296.42	1,127	1,016	932	1,203	4,278	436.98		
Iowa	285	195	316	272	1,068	274.55	271	344	346	382	1,343	345.24		
Kansas	266	163	266	360	1,055	246.50	306	306	368	455	1,435	335.28		
Kentucky	499	382	496	564	1,941	190.11	533	497	536	617	2,183	213.81		
Louisiana	426	348	331	397	1,502	250.75	490	494	542	618	2,144	357.93		
Maine	112	85	91	115	403	176.75	78	84	113	116	391	171.49		
Maryland	532	415	477	601	2,025	291.79	675	824	740	763	3,002	432.56		
Massachusetts	899	723	785	979	3,386	387.41	856	948	952	1,023	3,779	432.38		
Michigan	1,460	1,020	1,112	1,417	5,009	358.04	1,246	1,623	1,862	1,830	6,561	468.98		
Minnesota	700	477	574	606	2,357	292.80	748	661	648	774	2,831	351.68		
Mississippi	142	105	229	190	666	186.03	198	229	267	295	989	276.26		
Missouri	610	416	509	544	2,079	207.28	496	592	701	714	2,503	249.55		
Montana	90	54	103	79	326	271.67	99	128	110	128	465	387.50		
Nebraska	225	189	228	165	807	317.72	171	194	174	232	771	303.54		
Nevada	301	240	283	267	1,091	259.14	305	280	291	283	1,159	275.30		
New Hampshire	231	201	306	376	1,114	592.55	129	193	194	239	755	401.60		
New Jersey	977	890	685	950	3,502	336.73	968	1,214	1,059	1,168	4,409	423.94		
New Mexico	159	83	141	130	513	206.02	138	174	166	242	720	289.16		
New York	1,399	948	989	1,151	4,487	236.53	1,441	1,545	1,388	1,532	5,906	311.33		
North Carolina	965	575	806	1,046	3,392	247.41	959	1,084	1,164	1,502	4,709	343.47		
North Dakota	42	20	24	38	124	140.91	36	53	49	54	192	218.18		
Ohio	1,904	1,214	1,560	1,909	6,587	385.43	1,437	1,696	1,687	1,950	6,770	396.14		
Oklahoma	310	185	243	321	1,059	217.45	344	309	344	470	1,467	301.23		
Oregon	378	253	239	379	1,249	248.80	371	457	435	556	1,819	362.35		
Pennsylvania	1,525	1,000	954	1,206	4,685	247.88	1,127	1,732	1,530	1,477	5,866	310.37		
Puerto Rico	31	8	43	36	118	22.26	43	35	14	40	132	24.91		
Rhode Island	100	100	69	135	404	228.25	99	100	133	136	468	264.41		
South Carolina	344	273	300	347	1,264	195.36	363	381	473	497	1,714	264.91		
South Dakota	32	27	69	56	184	142.64	64	82	68	84	298	231.01		
Tennessee	724	449	614	648	2,435	217.61	766	736	867	997	3,366	300.80		
Texas	2,944	1,867	2,740	2,686	10,237	279.01	3,032	3,112	3,340	3,445	12,929	352.38		
Utah	354	193	337	233	1,117	275.12	255	350	398	384	1,387	341.63		
Vermont	39	40	68	37	184	262.86	38	48	33	75	194	277.14		
Virginia	705	480	538	738	2,461	256.62	760	826	772	1,075	3,433	357.98		
Washington	761	522	588	798	2,669	344.83	804	870	838	976	3,488	450.65		
West Virginia	94	57	72	147	370	117.83	122	127	149	190	588	187.26		
Wisconsin	714	555	456	583	2,308	278.41	637	693	715	777	2,822	340.41		
Wyoming	20	7	25	34	86	153.57	27	41	37	42	147	262.50		

Pharmacy Demand Report (PDR)

Pharmacy Technician

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

2020		2021			
Full Year		Quarter 1		Quarter 2	
Metro Area	Job Postings	Metro Area	Job Postings	Metro Area	Job Postings
Phoenix-Mesa-Scottsdale, AZ	6,566	New York-Newark-Jersey City, NY-NJ-PA	1,657	New York-Newark-Jersey City, NY-NJ-PA	1,881
New York-Newark-Jersey City, NY-NJ-PA	5,319	Los Angeles-Long Beach-Anaheim, CA	1,216	Los Angeles-Long Beach-Anaheim, CA	1,210
Los Angeles-Long Beach-Anaheim, CA	4,123	Dallas-Fort Worth-Arlington, TX	1,011	Dallas-Fort Worth-Arlington, TX	1,144
Dallas-Fort Worth-Arlington, TX	3,673	Chicago-Naperville-Elgin, IL-IN-WI	869	Phoenix-Mesa-Scottsdale, AZ	1,136
Chicago-Naperville-Elgin, IL-IN-WI	3,575	Phoenix-Mesa-Scottsdale, AZ	828	Chicago-Naperville-Elgin, IL-IN-WI	1,073
Boston-Cambridge-Nashua, MA-NH	2,863	Miami-Fort Lauderdale-West Palm Beach, FL	685	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	931
Detroit-Warren-Dearborn, MI	2,816	Detroit-Warren-Dearborn, MI	680	Miami-Fort Lauderdale-West Palm Beach, FL	875
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	2,679	Boston-Cambridge-Nashua, MA-NH	661	Detroit-Warren-Dearborn, MI	811
Miami-Fort Lauderdale-West Palm Beach, FL	2,179	Indianapolis-Carmel-Anderson, IN	637	Boston-Cambridge-Nashua, MA-NH	736
San Francisco-Oakland-Hayward, CA	2,085	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	621	Denver-Aurora-Lakewood, CO	613
Houston-The Woodlands-Sugar Land, TX	2,067	Houston-The Woodlands-Sugar Land, TX	606	Washington-Arlington-Alexandria, DC-VA-MD-WV	599
Cleveland-Elyria, OH	2,016	Atlanta-Sandy Springs-Roswell, GA	573	Houston-The Woodlands-Sugar Land, TX	598
Seattle-Tacoma-Bellevue, WA	1,840	San Francisco-Oakland-Hayward, CA	545	Seattle-Tacoma-Bellevue, WA	553
Atlanta-Sandy Springs-Roswell, GA	1,811	Tampa-St. Petersburg-Clearwater, FL	524	Atlanta-Sandy Springs-Roswell, GA	534
Denver-Aurora-Lakewood, CO	1,782	Seattle-Tacoma-Bellevue, WA	518	Tampa-St. Petersburg-Clearwater, FL	518
Minneapolis-St. Paul-Bloomington, MN-WI	1,736	Denver-Aurora-Lakewood, CO	513	Baltimore-Columbia-Towson, MD	516
Tampa-St. Petersburg-Clearwater, FL	1,635	Minneapolis-St. Paul-Bloomington, MN-WI	500	San Francisco-Oakland-Hayward, CA	502
Indianapolis-Carmel-Anderson, IN	1,576	Riverside-San Bernardino-Ontario, CA	483	Indianapolis-Carmel-Anderson, IN	450
Washington-Arlington-Alexandria, DC-VA-MD-WV	1,476	Washington-Arlington-Alexandria, DC-VA-MD-WV	442	Orlando-Kissimmee-Sanford, FL	442
Baltimore-Columbia-Towson, MD	1,357	Baltimore-Columbia-Towson, MD	440	Pittsburgh, PA	441
Pittsburgh, PA	1,351	Cleveland-Elyria, OH	385	Minneapolis-St. Paul-Bloomington, MN-WI	438
Boise City, ID	1,275	Orlando-Kissimmee-Sanford, FL	370	Riverside-San Bernardino-Ontario, CA	407
Austin-Round Rock, TX	1,273	San Diego-Carlsbad, CA	310	St. Louis, MO-IL	367
Riverside-San Bernardino-Ontario, CA	1,255	Pittsburgh, PA	304	Cleveland-Elyria, OH	363
Orlando-Kissimmee-Sanford, FL	1,252	Nashville-Davidson--Murfreesboro--Franklin, TN	304	Portland-Vancouver-Hillsboro, OR-WA	344
		Quarter 3		Quarter 4	
		Metro Area	Job Postings	Metro Area	Job Postings
		New York-Newark-Jersey City, NY-NJ-PA	1,560	New York-Newark-Jersey City, NY-NJ-PA	1,683
		Chicago-Naperville-Elgin, IL-IN-WI	1,216	Los Angeles-Long Beach-Anaheim, CA	1,312
		Los Angeles-Long Beach-Anaheim, CA	1,151	Chicago-Naperville-Elgin, IL-IN-WI	1,310
		Dallas-Fort Worth-Arlington, TX	1,108	Dallas-Fort Worth-Arlington, TX	1,091
		Detroit-Warren-Dearborn, MI	990	Phoenix-Mesa-Scottsdale, AZ	996
		Phoenix-Mesa-Scottsdale, AZ	986	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	850
		Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	861	Detroit-Warren-Dearborn, MI	847
		Boston-Cambridge-Nashua, MA-NH	683	Boston-Cambridge-Nashua, MA-NH	751
		Houston-The Woodlands-Sugar Land, TX	679	Houston-The Woodlands-Sugar Land, TX	692
		Miami-Fort Lauderdale-West Palm Beach, FL	640	Miami-Fort Lauderdale-West Palm Beach, FL	678
		Atlanta-Sandy Springs-Roswell, GA	527	Denver-Aurora-Lakewood, CO	636
		Seattle-Tacoma-Bellevue, WA	500	Atlanta-Sandy Springs-Roswell, GA	631
		Denver-Aurora-Lakewood, CO	499	San Francisco-Oakland-Hayward, CA	615
		Washington-Arlington-Alexandria, DC-VA-MD-WV	481	Washington-Arlington-Alexandria, DC-VA-MD-WV	606
		Baltimore-Columbia-Towson, MD	470	Seattle-Tacoma-Bellevue, WA	585
		San Francisco-Oakland-Hayward, CA	449	Tampa-St. Petersburg-Clearwater, FL	563
		Minneapolis-St. Paul-Bloomington, MN-WI	449	Minneapolis-St. Paul-Bloomington, MN-WI	527
		Tampa-St. Petersburg-Clearwater, FL	394	Baltimore-Columbia-Towson, MD	460
		Nashville-Davidson--Murfreesboro--Franklin, TN	386	Orlando-Kissimmee-Sanford, FL	429
		Columbus, OH	380	Indianapolis-Carmel-Anderson, IN	426
		Indianapolis-Carmel-Anderson, IN	378	Sacramento--Roseville--Arden-Arcade, CA	422
		Riverside-San Bernardino-Ontario, CA	355	Cincinnati, OH-KY-IN	422
		St. Louis, MO-IL	339	Cleveland-Elyria, OH	408
		Kansas City, MO-KS	336	Nashville-Davidson--Murfreesboro--Franklin, TN	385
		Orlando-Kissimmee-Sanford, FL	331	Kansas City, MO-KS	384