



Pharmacy Demand Report (PDR)

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Overview:

Background

The [Pharmacy Workforce Center](#), a nonprofit corporation comprised of nine national pharmacy professional organizations, financed the Pharmacy Aggregate Demand Index (ADI) and the Pharmacist Demand Indicator (PDI). The ADI (which began in 1999) and the PDI (which was transitioned from the ADI in 2016) collected and disseminated data on the demand for pharmacists in the United States utilizing a panel of pharmacist employers. In January 2019, the PDI was temporarily suspended due to inconsistency in the number of panelists participating in the survey which led to the inability to report results on a state-level.

The Pharmacy Demand Report (PDR) was developed to provide an enhanced measurement of pharmacist demand in the United States. The inaugural PDR was released by the PWC in August 2020.

Pharmacy Demand Report Sourcing and Components

The information contained in the Pharmacy Demand Report (PDR) is generated from the Burning Glass Technologies' Labor Insight™ Real-time Labor Market Information tool. Burning Glass Technologies delivers job market analytics that empower employers, workers, and educators to make data-driven decisions. The company's artificial intelligence technology analyzes hundreds of millions of job postings and real-life career transitions to provide insight into labor market patterns. This real-time strategic intelligence offers crucial insights, such as which jobs are most in demand, the specific skills employers need, and the career directions that offer the highest potential for workers.

The pharmacist demand information presented in the PDR reflects information generated the Burning Glass Occupations (BGTOCCs) Taxonomy which are derived from the Bureau of Labor Statistics (BLS) SOC and O*NET codes.ⁱ Based on analysis of real-time job titles and requirements for skills and education, the BLS occupations were adapted to more accurately reflect current employer demand-separating out distinct occupations that BLS codes as one occupation in some cases and consolidating similar occupations that BLS splits out. The PDR information is generated from the Burning Glass Occupations of "Pharmacist/Pharmacy Director" and "Pharmacy Technician".

The pharmacist specialized occupations presented in the PDR are generated from the Specialized Occupations within the BGTOCCs that define occupation specializations and provide more granularity in occupation categorization. For example, the Pharmacist/Pharmacy Director category is split into several specialties, which include Hospital Pharmacist and Retail Pharmacist. The pharmacist information that will be reported include information generated for the following occupations:

- Clinical Pharmacist
- Hospital Pharmacist
- Pharmacy Director
- Other Pharmacist Occupations* (includes the pharmacist occupations Compounding Pharmacist, Informatics Pharmacist, Infusion Pharmacist, Long-Term Care Pharmacist, Nuclear Pharmacist, Oncology Pharmacist)
- Retail Pharmacist

The PDR information is generated from a query that includes all states in the United States, the BGTOCC or specialized occupation, and certification (pharmacist license for pharmacist occupations).

The PDR will be reported at the beginning of each calendar quarter. Each of the pharmacist occupations and the pharmacy technician occupation will have the following information presented in the PDR:

- The number of job postings by state (information presented for each quarter of the previous calendar year and each quarter of the current calendar year):
 - Each state will have the number of licensed pharmacists based on information acquired from the October 2019 National Association of Boards of Pharmacy (NABP) E-Profile Aggregate Data report. The number reflects the number of licensed pharmacists in the state as of October 2019.

- Due to the variability of pharmacy technician classifications by state boards of pharmacy, data on the number of licensed or registered pharmacy technicians from NABP is not provided in the PDR. The number of pharmacy technicians provided by state is generated from reports available from the Bureau of Labor Statistics.ⁱⁱ
- The Postings Quotient is provided for the total number of job postings for the previous calendar year and adjusts the number of job postings per 1,000 licensed pharmacists or 1,000 pharmacy technicians in the state. The Postings Quotient is generated by dividing the number of total job postings by the number of licensed pharmacists or pharmacy technicians reported for each state and multiplying by 1,000.
- The number of job postings for the Top 25 Hiring Regions for the occupation (information presented for the previous calendar year and the previous quarter for the current calendar year).
 - The Location Quotient recognizes how concentrated demand is for a particular geographic area relative to the national demand.

Additional Information

The PDR will be reported each quarter starting 3rd quarter 2020. Additional information will be added to the PDR over time to provide more information regarding pharmacist demand. Contact [Tom Maggio](mailto:TMaggio@aacp.org), PWC Secretary/Treasurer at TMaggio@aacp.org or 703-479-3832 with any PDR-related questions.

*This is a PWC-generated category as the pharmacist job postings included were reported were very low numbers.

ⁱ O*Net Resource Center: The O*Net-SOC Taxonomy. <https://www.onetcenter.org/taxonomy.html>. Accessed April 29, 2020.

ⁱⁱ U.S. Bureau of Labor Statistics: Occupational Employment Statistics. <https://data.bls.gov/oes/#/home>. Accessed April 29, 2020.

Occupational Definitions:

- **Clinical Pharmacist:** Provides medications to patients and educates patients and physicians on the proper use of medications. Works in a clinical setting, directly with physicians and other health professionals, often granted patient care privileges and responsibility of assisting in patient care management. Usually requires a Doctor of Pharmacy degree.
- **Hospital Pharmacist:** Provides medications to patients and educates patients on the proper use of medications. Works within a hospital setting. May consult with physicians about correct dosage and appropriate administration as well as discuss adverse reactions. The types of medications and their dispersal may differ significantly from those handled by retail pharmacists.
- **Other Pharmacist Occupations**
 - **Compounding Pharmacist:** Provides medications to patients and educates patients and physicians on the proper use of medications. Works for a compounding pharmacy. Specializes in preparation of alternate modes of delivery and forms of commercial medication not available in retail or hospital pharmacies.
 - **Informatics Pharmacist:** Improves precision and safety of prescribing and administering medications by using technology and data analysis. Draws on both pharmaceutical expertise and computer science to improve patient outcomes. Uses patient information in electronic health records (EHR) to prevent errors, streamline operations, share information and assess the dangers of full medication spread for a patient.
 - **Infusion Pharmacist:** Provides medications to patients and educates patients and physicians on the proper use of medications. Works primarily in healthcare facilities. May be directly involved in patient care or consult with healthcare facilities or insurance companies to develop efficient methods of prescription. Specializes in drugs delivered through infusion, using a needle or a catheter.
 - **Long-Term Care Pharmacist:** Provides medications to patients and educates patients and physicians on the proper use of medications. Works in a long-term care facility or pharmacy. May be directly involved in patient care, working with physicians and healthcare workers to manage the long-term health of the patients in the facility.
 - **Nuclear Pharmacist:** Provides medications to patients and educates patients and physicians on the proper use of medications. Works for a pharmacy or a healthcare facility dispensing nuclear medicines (made from radioactive materials). May be directly involved in patient care or consult with healthcare facilities or insurance companies to develop efficient methods of prescription.
 - **Oncology Pharmacist:** Provides medications to patients and educates patients on the proper use of medications. Specializes in managing complex pharmacotherapeutic plans for treatment and prevention of cancer and cancer-related diseases.
- **Pharmacy Director:** Directs the operations and management of a pharmacy for a healthcare facility or institution. Manages pharmacists and pharmacy staff. Works with leadership of healthcare facility or institution on drug policy including safety, education, and finances.
- **Pharmacy Technician:** Works under the direction of a pharmacist to dispense prescription medications. Serves customers and helps to fill prescriptions. Works in a retail pharmacy or healthcare facility.
- **Retail Pharmacist:** Provides medications to patients and educates patients on the proper use of medications. Works in the pharmacy department of a retail store. Dispenses prescription and non-prescription medications. Manages prescription records and the pharmacy patient database. May consult with healthcare facilities or insurance companies to develop efficient methods of prescription.

* The Burning Glass Technologies' Labor Insight™ Real-time Labor Market Information tool is utilized to generate the information in the Pharmacy Demand Report

Pharmacy Demand Report (PDR)

Clinical Pharmacist

| Job Postings Per State | | | | | | | |
|------------------------|--|-----------------------------------|-----|-----|-----|----------------------------|-----------------------------------|
| State/Territory | Number of Pharmacists Licensed (as of Oct. 2019) | 2019 | | | | | 2020 |
| | | Q1 (Includes Carryover from 2018) | Q2 | Q3 | Q4 | Postings Quotient for 2019 | Q1 (Includes Carryover from 2019) |
| Alabama | 9,581 | 4 | 3 | 3 | 7 | 1.77 | 5 |
| Alaska | 1,083 | 4 | 1 | 1 | 0 | 6 | 5.54 |
| Arizona | 11,461 | 46 | 28 | 35 | 24 | 133 | 11.60 |
| Arkansas | 6,169 | 11 | 4 | 3 | 10 | 28 | 4.54 |
| California | 44,864 | 206 | 216 | 169 | 276 | 867 | 19.33 |
| Colorado | 8,351 | 50 | 25 | 6 | 26 | 107 | 12.81 |
| Connecticut | 5,545 | 21 | 21 | 36 | 33 | 111 | 20.02 |
| Delaware | 2,208 | 5 | 0 | 1 | 4 | 10 | 4.53 |
| District of Columbia | 1,886 | 7 | 1 | 5 | 5 | 18 | 9.54 |
| Florida | 37,366 | 126 | 113 | 108 | 127 | 474 | 12.69 |
| Georgia | 15,216 | 33 | 19 | 23 | 44 | 119 | 7.82 |
| Hawaii | 2,763 | 0 | 3 | 1 | 0 | 4 | 1.45 |
| Idaho | 2,399 | 1 | 2 | 4 | 4 | 11 | 4.59 |
| Illinois | 18,184 | 64 | 49 | 49 | 64 | 226 | 12.43 |
| Indiana | 10,817 | 18 | 13 | 11 | 29 | 71 | 6.56 |
| Iowa | 11,521 | 6 | 2 | 7 | 9 | 24 | 2.08 |
| Kansas | 6,533 | 8 | 7 | 5 | 6 | 26 | 3.98 |
| Kentucky | 9,889 | 21 | 17 | 18 | 27 | 83 | 8.39 |
| Louisiana | 8,780 | 4 | 2 | 6 | 19 | 31 | 3.53 |
| Maine | 2,284 | 3 | 2 | 1 | 4 | 10 | 4.38 |
| Maryland | 11,700 | 20 | 16 | 14 | 30 | 80 | 6.84 |
| Massachusetts | 13,259 | 37 | 24 | 23 | 29 | 113 | 8.52 |
| Michigan | 15,719 | 40 | 35 | 26 | 26 | 127 | 8.08 |
| Minnesota | 8,911 | 40 | 35 | 24 | 30 | 129 | 14.48 |
| Mississippi | 6,211 | 2 | 2 | 0 | 1 | 5 | 0.81 |
| Missouri | 10,770 | 26 | 11 | 16 | 27 | 80 | 7.43 |
| Montana | 2,104 | 2 | 2 | 0 | 1 | 5 | 2.38 |
| Nebraska | 5,158 | 5 | 2 | 0 | 5 | 12 | 2.33 |
| Nevada | 7,721 | 15 | 7 | 23 | 19 | 64 | 8.29 |
| New Hampshire | 2,780 | 2 | 0 | 1 | 5 | 8 | 2.88 |
| New Jersey | 17,656 | 25 | 15 | 13 | 22 | 75 | 4.25 |
| New Mexico | 3,027 | 18 | 7 | 8 | 7 | 40 | 13.21 |
| New York | 27,113 | 27 | 22 | 30 | 41 | 120 | 4.43 |
| North Carolina | 16,517 | 28 | 15 | 14 | 22 | 79 | 4.78 |
| North Dakota | 2,257 | 1 | 0 | 0 | 1 | 2 | 0.89 |
| Ohio | 20,349 | 47 | 41 | 48 | 56 | 192 | 9.44 |
| Oklahoma | 7,074 | 7 | 17 | 4 | 6 | 34 | 4.81 |
| Oregon | 8,019 | 6 | 3 | 6 | 8 | 23 | 2.87 |
| Pennsylvania | 22,781 | 66 | 28 | 28 | 26 | 148 | 6.50 |
| Puerto Rico | 5,340 | 2 | 0 | 0 | 0 | 2 | 0.37 |
| Rhode Island | 2,185 | 10 | 7 | 12 | 10 | 39 | 17.85 |
| South Carolina | 9,045 | 10 | 14 | 9 | 9 | 42 | 4.64 |
| South Dakota | 2,080 | 2 | 1 | 0 | 1 | 4 | 1.92 |
| Tennessee | 12,180 | 18 | 9 | 15 | 24 | 66 | 5.42 |
| Texas | 46,835 | 89 | 85 | 77 | 107 | 358 | 7.64 |
| Utah | 3,270 | 31 | 10 | 13 | 14 | 68 | 20.80 |
| Vermont | 1,180 | 4 | 0 | 0 | 2 | 6 | 5.08 |
| Virginia | 14,976 | 18 | 7 | 9 | 33 | 67 | 4.47 |
| Washington | 10,490 | 28 | 13 | 25 | 18 | 84 | 8.01 |
| West Virginia | 4,780 | 4 | 0 | 1 | 5 | 10 | 2.09 |
| Wisconsin | 5,834 | 27 | 8 | 9 | 19 | 63 | 10.80 |
| Wyoming | 1,407 | 1 | 0 | 0 | 0 | 1 | 0.71 |

| Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs) | | | | | |
|--|--------------|-----------------------------------|---|--------------|-----------------------------------|
| 2019 | | | 2020 | | |
| Full Year | | | Quarter 1 | | |
| Metro Area | Job Postings | Location Quotient | Metro Area | Job Postings | Location Quotient |
| Los Angeles-Long Beach-Anaheim, CA | 289 | Much Higher than National Average | Los Angeles-Long Beach-Anaheim, CA | 122 | Much Higher than National Average |
| Chicago-Naperville-Elgin, IL-IN-WI | 212 | Higher than National Average | Miami-Fort Lauderdale-West Palm Beach, FL | 70 | Much Higher than National Average |
| Miami-Fort Lauderdale-West Palm Beach, FL | 194 | Much Higher than National Average | Chicago-Naperville-Elgin, IL-IN-WI | 68 | Similar to National Average |
| New York-Newark-Jersey City, NY-NJ-PA | 143 | Much Lower than National Average | New York-Newark-Jersey City, NY-NJ-PA | 59 | Much Lower than National Average |
| San Diego-Carlsbad, CA | 126 | Much Higher than National Average | San Diego-Carlsbad, CA | 48 | Much Higher than National Average |
| Dallas-Fort Worth-Arlington, TX | 124 | Similar to National Average | Atlanta-Sandy Springs-Roswell, GA | 48 | Higher than National Average |
| Phoenix-Mesa-Scottsdale, AZ | 109 | Much Higher than National Average | Dallas-Fort Worth-Arlington, TX | 47 | Similar to National Average |
| San Francisco-Oakland-Hayward, CA | 108 | Higher than National Average | St. Louis, MO-IL | 45 | Much Higher than National Average |
| Houston-The Woodlands-Sugar Land, TX | 106 | Similar to National Average | Orlando-Kissimmee-Sanford, FL | 43 | Much Higher than National Average |
| Minneapolis-St. Paul-Bloomington, MN-WI | 93 | Much Higher than National Average | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 39 | Similar to National Average |
| Riverside-San Bernardino-Ontario, CA | 91 | Much Higher than National Average | Cleveland-Elyria, OH | 39 | Much Higher than National Average |
| Orlando-Kissimmee-Sanford, FL | 91 | Much Higher than National Average | Houston-The Woodlands-Sugar Land, TX | 38 | Similar to National Average |
| Boston-Cambridge-Nashua, MA-NH | 85 | Similar to National Average | San Francisco-Oakland-Hayward, CA | 37 | Similar to National Average |
| Detroit-Warren-Dearborn, MI | 80 | Higher than National Average | Boston-Cambridge-Nashua, MA-NH | 35 | Similar to National Average |
| Denver-Aurora-Lakewood, CO | 76 | Much Higher than National Average | Baltimore-Columbia-Towson, MD | 35 | Much Higher than National Average |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 71 | Lower than National Average | New Haven, CT | 31 | Much Higher than National Average |
| Cincinnati, OH-KY-IN | 71 | Much Higher than National Average | Tampa-St. Petersburg-Clearwater, FL | 30 | Much Higher than National Average |
| New Haven, CT | 70 | Much Higher than National Average | Sacramento-Roseville-Arden-Arcade, CA | 30 | Much Higher than National Average |
| Tampa-St. Petersburg-Clearwater, FL | 68 | Much Higher than National Average | Seattle-Tacoma-Bellevue, WA | 29 | Similar to National Average |
| Seattle-Tacoma-Bellevue, WA | 67 | Similar to National Average | Minneapolis-St. Paul-Bloomington, MN-WI | 29 | Similar to National Average |
| Baltimore-Columbia-Towson, MD | 65 | Much Higher than National Average | Phoenix-Mesa-Scottsdale, AZ | 28 | Similar to National Average |
| St. Louis, MO-IL | 58 | Higher than National Average | San Antonio-New Braunfels, TX | 27 | Much Higher than National Average |
| San Antonio-New Braunfels, TX | 58 | Much Higher than National Average | Riverside-San Bernardino-Ontario, CA | 27 | Higher than National Average |
| Sacramento-Roseville-Arden-Arcade, CA | 58 | Much Higher than National Average | Cincinnati, OH-KY-IN | 27 | Much Higher than National Average |
| Atlanta-Sandy Springs-Roswell, GA | 58 | Lower than National Average | Denver-Aurora-Lakewood, CO | 22 | Similar to National Average |

Clinical Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works in a clinical setting, directly with physicians and other health professionals, often granted patient care privileges and responsibility of assisting in patient care management. Usually requires a Doctor of Pharmacy degree.

Pharmacy Demand Report (PDR)

Hospital Pharmacist

| Job Postings Per State | | | | | | | | Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs) | | | | | | | | | | | |
|------------------------|--|-----------------------------------|----|--------------|----|-------------------|----------------------------|--|---|--------------|-----------------------------------|---|----|-----------------------------------|------|--|--|--|--|
| State/Territory | Number of Pharmacists Licensed (as of Oct. 2019) | 2019 | | | | | 2020 | | | 2019 | | | | | 2020 | | | | |
| | | Q1 (Includes Carryover from 2018) | Q2 | Q3 | Q4 | Total | Postings Quotient for 2019 | Q1 (Includes Carryover from 2019) | Full Year | | | | | Quarter 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | Metro Area | | Job Postings | | Location Quotient | | Metro Area | | Job Postings | | Location Quotient | | | | | | | |
| Alabama | 9,581 | 6 | 1 | 1 | 0 | 8 | 0.83 | 0 | San Francisco-Oakland-Hayward, CA | 98 | Much Higher than National Average | San Francisco-Oakland-Hayward, CA | 26 | Much Higher than National Average | | | | | |
| Alaska | 1,083 | 14 | 3 | 6 | 0 | 23 | 21.24 | 1 | Sacramento-Roseville-Arden-Arcade, AZ | 76 | Much Higher than National Average | Phoenix-Mesa-Scottsdale, AZ | 19 | Much Higher than National Average | | | | | |
| Arizona | 11,461 | 9 | 8 | 3 | 8 | 28 | 2.44 | 21 | Chicago-Naperville-Elgin, IL-IN-WI | 45 | Similar to National Average | Los Angeles-Long Beach-Anaheim, CA | 19 | Similar to National Average | | | | | |
| Arkansas | 6,169 | 0 | 1 | 13 | 0 | 14 | 2.27 | 0 | Seattle-Tacoma-Bellevue, WA | 43 | Much Higher than National Average | Chicago-Naperville-Elgin, IL-IN-WI | 18 | Higher than National Average | | | | | |
| California | 44,864 | 125 | 89 | 90 | 55 | 359 | 8.00 | 88 | Houston-The Woodlands-Sugar Land, TX | 40 | Higher than National Average | Sacramento-Roseville-Arden-Arcade, CA | 16 | Much Higher than National Average | | | | | |
| Colorado | 8,351 | 5 | 2 | 17 | 2 | 26 | 3.11 | 11 | Dayton, OH | 37 | Much Higher than National Average | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 13 | Much Higher than National Average | | | | | |
| Connecticut | 5,545 | 5 | 2 | 13 | 10 | 30 | 5.41 | 5 | New York-Newark-Jersey City, NY-NJ-PA | 34 | Much Lower than National Average | Seattle-Tacoma-Bellevue, WA | 11 | Much Higher than National Average | | | | | |
| Delaware | 2,208 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | Las Vegas-Henderson-Paradise, NV | 33 | Much Higher than National Average | New York-Newark-Jersey City, NY-NJ-PA | 10 | Much Lower than National Average | | | | | |
| District of Columbia | 1,886 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | Los Angeles-Long Beach-Anaheim, CA | 31 | Much Lower than National Average | Houston-The Woodlands-Sugar Land, TX | 9 | Similar to National Average | | | | | |
| Florida | 37,366 | 23 | 7 | 3 | 7 | 40 | 1.07 | 18 | Dallas-Fort Worth-Arlington, TX | 27 | Lower than National Average | Orlando-Kissimmee-Sanford, FL | 8 | Much Higher than National Average | | | | | |
| Georgia | 15,216 | 10 | 10 | 10 | 9 | 39 | 2.56 | 7 | Phoenix-Mesa-Scottsdale, AZ | 23 | Similar to National Average | Denver-Aurora-Lakewood, CO | 8 | Much Higher than National Average | | | | | |
| Hawaii | 2,763 | 4 | 9 | 3 | 1 | 17 | 6.15 | 2 | Columbus, OH | 20 | Much Higher than National Average | South Bend-Mishawaka, IN-MI | 7 | Much Higher than National Average | | | | | |
| Idaho | 2,399 | 1 | 1 | 1 | 0 | 3 | 1.25 | 0 | St. Louis, MO-IL | 19 | Higher than National Average | Baltimore-Columbia-Towson, MD | 7 | Much Higher than National Average | | | | | |
| Illinois | 18,184 | 14 | 12 | 8 | 16 | 50 | 2.75 | 19 | Austin-Round Rock, TX | 19 | Much Higher than National Average | Austin-Round Rock, TX | 7 | Much Higher than National Average | | | | | |
| Indiana | 10,817 | 7 | 0 | 1 | 1 | 9 | 0.83 | 7 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 18 | Much Lower than National Average | San Antonio-New Braunfels, TX | 6 | Much Higher than National Average | | | | | |
| Iowa | 11,521 | 2 | 0 | 0 | 3 | 5 | 0.43 | 0 | Minneapolis-St. Paul-Bloomington, MN-WI | 18 | Similar to National Average | Milwaukee-Waukesha-West Allis, WI | 6 | Much Higher than National Average | | | | | |
| Kansas | 6,533 | 6 | 1 | 0 | 0 | 7 | 1.07 | 0 | San Diego-Carlsbad, CA | 17 | Similar to National Average | Dallas-Fort Worth-Arlington, TX | 6 | Much Lower than National Average | | | | | |
| Kentucky | 9,889 | 4 | 3 | 3 | 1 | 11 | 1.11 | 8 | Denver-Aurora-Lakewood, CO | 17 | Similar to National Average | Albuquerque, NM | 6 | Much Higher than National Average | | | | | |
| Louisiana | 8,780 | 3 | 19 | 16 | 16 | 54 | 6.15 | 16 | Anchorage, AK | 17 | Much Higher than National Average | Albany-Schenectady-Troy, NY | 6 | Much Higher than National Average | | | | | |
| Maine | 2,284 | 1 | 3 | 6 | 7 | 17 | 7.44 | 6 | San Jose-Sunnyvale-Santa Clara, CA | 16 | Higher than National Average | Midland, TX | 5 | Much Higher than National Average | | | | | |
| Maryland | 11,700 | 2 | 3 | 2 | 10 | 17 | 1.45 | 8 | Jefferson City, MO | 16 | Much Higher than National Average | Lexington-Fayette, KY | 5 | Much Higher than National Average | | | | | |
| Massachusetts | 13,259 | 7 | 5 | 2 | 1 | 15 | 1.13 | 2 | Milwaukee-Waukesha-West Allis, WI | 15 | Much Higher than National Average | Lewiston-Auburn, ME | 5 | Much Higher than National Average | | | | | |
| Michigan | 15,719 | 9 | 4 | 1 | 5 | 19 | 1.21 | 10 | Janesville-Beloit, WI | 15 | Much Higher than National Average | Lake Charles, LA | 5 | Much Higher than National Average | | | | | |
| Minnesota | 8,911 | 31 | 16 | 4 | 5 | 56 | 6.28 | 3 | Baltimore-Columbia-Towson, MD | 15 | Similar to National Average | Cleveland-Elyria, OH | 5 | Much Higher than National Average | | | | | |
| Mississippi | 6,211 | 1 | 1 | 0 | 0 | 2 | 0.32 | 0 | Urban Honolulu, HI | 14 | Much Higher than National Average | | 4 | Similar to National Average | | | | | |
| Missouri | 10,770 | 32 | 17 | 5 | 3 | 57 | 5.29 | 5 | | | | | | | | | | | |
| Montana | 2,104 | 1 | 1 | 1 | 0 | 3 | 1.43 | 1 | | | | | | | | | | | |
| Nebraska | 5,158 | 2 | 1 | 0 | 4 | 7 | 1.36 | 9 | | | | | | | | | | | |
| Nevada | 7,721 | 35 | 7 | 7 | 3 | 52 | 6.73 | 4 | | | | | | | | | | | |
| New Hampshire | 2,780 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | | | | | | | | | | | |
| New Jersey | 17,656 | 8 | 3 | 5 | 7 | 23 | 1.30 | 8 | | | | | | | | | | | |
| New Mexico | 3,027 | 0 | 5 | 6 | 1 | 12 | 3.96 | 7 | | | | | | | | | | | |
| New York | 27,113 | 24 | 9 | 4 | 7 | 44 | 1.62 | 14 | | | | | | | | | | | |
| North Carolina | 16,517 | 6 | 2 | 6 | 4 | 18 | 1.09 | 3 | | | | | | | | | | | |
| North Dakota | 2,257 | 2 | 1 | 0 | 0 | 3 | 1.33 | 0 | | | | | | | | | | | |
| Ohio | 20,349 | 24 | 33 | 21 | 24 | 102 | 5.01 | 11 | | | | | | | | | | | |
| Oklahoma | 7,074 | 2 | 9 | 0 | 0 | 11 | 1.55 | 5 | | | | | | | | | | | |
| Oregon | 8,019 | 8 | 7 | 2 | 0 | 17 | 2.12 | 0 | | | | | | | | | | | |
| Pennsylvania | 22,781 | 7 | 7 | 4 | 5 | 23 | 1.01 | 20 | | | | | | | | | | | |
| Puerto Rico | 5,340 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | | | | | | | | | | | |
| Rhode Island | 2,185 | 0 | 0 | 0 | 1 | 1 | 0.46 | 2 | | | | | | | | | | | |
| South Carolina | 9,045 | 6 | 3 | 1 | 1 | 11 | 1.22 | 4 | | | | | | | | | | | |
| South Dakota | 2,080 | 0 | 0 | 2 | 0 | 2 | 0.96 | 0 | | | | | | | | | | | |
| Tennessee | 12,180 | 2 | 0 | 0 | 0 | 2 | 0.16 | 1 | | | | | | | | | | | |
| Texas | 46,835 | 43 | 12 | 47 | 18 | 120 | 2.56 | 40 | | | | | | | | | | | |
| Utah | 3,270 | 3 | 0 | 0 | 1 | 4 | 1.22 | 2 | | | | | | | | | | | |
| Vermont | 1,180 | 1 | 0 | 0 | 0 | 1 | 0.85 | 0 | | | | | | | | | | | |
| Virginia | 14,976 | 3 | 2 | 1 | 0 | 6 | 0.40 | 2 | | | | | | | | | | | |
| Washington | 10,490 | 23 | 20 | 3 | 6 | 52 | 4.96 | 17 | | | | | | | | | | | |
| West Virginia | 4,780 | 0 | 0 | 1 | 0 | 1 | 0.21 | 0 | | | | | | | | | | | |
| Wisconsin | 5,834 | 36 | 10 | 9 | 9 | 64 | 10.97 | 18 | | | | | | | | | | | |
| Wyoming | 1,407 | 2 | 3 | 0 | 1 | 6 | 4.26 | 1 | | | | | | | | | | | |

Hospital Pharmacist:

Provides medications to patients and educates patients on the proper use of medications. Works within a hospital setting. May consult with physicians about correct dosage and appropriate administration as well as discuss adverse reactions. The types of medications and their dispersal may differ significantly from those handled by retail pharmacists.

Hospital Pharmacist: Provides medications to patients and educates patients on the proper use of medications. Works within a hospital setting. May consult with physicians about correct dosage and appropriate administration as well as discuss adverse reactions. The types of medications and their dispersal may differ significantly from those handled by retail pharmacists.

Pharmacy Demand Report (PDR)

Other Pharmacist Occupations

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

| Job Postings Per State | | | | | | | | | | Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs) | | | | | | | | | | |
|------------------------|--|-----------------------------------|-----|-----|-----|-------|----------------------------|-----------------------------------|---|--|-----------------------------------|--|--|--|---|--------------|-----------------------------------|--|--|--|
| State/Territory | Number of Pharmacists Licensed (as of Oct. 2019) | 2019 | | | | | | 2020 | | 2019 | | | | | 2020 | | | | | |
| | | Q1 (Includes Carryover from 2018) | Q2 | Q3 | Q4 | Total | Postings Quotient for 2019 | Q1 (Includes Carryover from 2019) | Full Year | Quarter 1 | | | | | | | | | | |
| Alabama | 9,581 | 28 | 3 | 1 | 1 | 33 | 3.44 | 4 | Metro Area | Job Postings | Location Quotient | | | | Metro Area | Job Postings | Location Quotient | | | |
| Alaska | 1,083 | 0 | 3 | 1 | 0 | 4 | 3.69 | 1 | New York-Newark-Jersey City, NY-NJ-PA | 183 | Similar to National Average | | | | New York-Newark-Jersey City, NY-NJ-PA | 76 | Similar to National Average | | | |
| Arizona | 11,461 | 39 | 16 | 14 | 8 | 77 | 6.72 | 18 | Chicago-Naperville-Elgin, IL-IN-WI | 170 | Much Higher than National Average | | | | Cleveland-Elyria, OH | 74 | Much Higher than National Average | | | |
| Arkansas | 6,169 | 3 | 0 | 1 | 7 | 11 | 1.78 | 5 | Detroit-Warren-Dearborn, MI | 101 | Much Higher than National Average | | | | Detroit-Warren-Dearborn, MI | 51 | Much Higher than National Average | | | |
| California | 44,864 | 117 | 110 | 111 | 101 | 439 | 9.79 | 148 | Los Angeles-Long Beach-Anaheim, CA | 98 | Lower than National Average | | | | Los Angeles-Long Beach-Anaheim, CA | 40 | Similar to National Average | | | |
| Colorado | 8,351 | 15 | 42 | 5 | 9 | 71 | 8.50 | 16 | Kansas City, MO-KS | 97 | Much Higher than National Average | | | | Chicago-Naperville-Elgin, IL-IN-WI | 34 | Similar to National Average | | | |
| Connecticut | 5,545 | 21 | 22 | 14 | 5 | 62 | 11.18 | 11 | Miami-Fort Lauderdale-West Palm Beach, FL | 90 | Much Higher than National Average | | | | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 32 | Much Higher than National Average | | | |
| Delaware | 2,208 | 1 | 1 | 0 | 3 | 5 | 1.36 | 0 | San Diego-Carlsbad, CA | 76 | Much Higher than National Average | | | | San Diego-Carlsbad, CA | 31 | Much Higher than National Average | | | |
| District of Columbia | 1,886 | 2 | 1 | 0 | 0 | 3 | 1.59 | 2 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 73 | Higher than National Average | | | | Miami-Fort Lauderdale-West Palm Beach, FL | 28 | Higher than National Average | | | |
| Florida | 37,366 | 79 | 43 | 37 | 30 | 189 | 5.06 | 61 | Seattle-Tacoma-Bellevue, WA | 72 | Much Higher than National Average | | | | Sacramento-Roseville-Arden-Arcade, CA | 21 | Much Higher than National Average | | | |
| Georgia | 15,216 | 14 | 19 | 8 | 14 | 55 | 3.61 | 23 | Phoenix-Mesa-Scottsdale, AZ | 64 | Much Higher than National Average | | | | St. Louis, MO-IL | 20 | Much Higher than National Average | | | |
| Hawaii | 2,763 | 3 | 3 | 0 | 1 | 7 | 2.53 | 4 | Cleveland-Elyria, OH | 60 | Much Higher than National Average | | | | Dallas-Fort Worth-Arlington, TX | 20 | Lower than National Average | | | |
| Idaho | 2,399 | 8 | 6 | 4 | 4 | 22 | 9.17 | 8 | Sacramento-Roseville-Arden-Arcade, CA | 58 | Much Higher than National Average | | | | Boston-Cambridge-Nashua, MA-NH | 20 | Similar to National Average | | | |
| Illinois | 18,184 | 66 | 58 | 42 | 23 | 189 | 10.39 | 38 | Baton Rouge, LA | 52 | Similar to National Average | | | | Houston-The Woodlands-Sugar Land, TX | 19 | Similar to National Average | | | |
| Indiana | 10,817 | 21 | 8 | 15 | 17 | 61 | 5.64 | 24 | Dallas-Fort Worth-Arlington, TX | 44 | Much Lower than National Average | | | | Seattle-Tacoma-Bellevue, WA | 18 | Higher than National Average | | | |
| Iowa | 11,521 | 9 | 0 | 2 | 2 | 13 | 1.13 | 2 | Cincinnati, OH-KY-IN | 44 | Much Higher than National Average | | | | Las Vegas-Henderson-Paradise, NV | 18 | Much Higher than National Average | | | |
| Kansas | 6,533 | 19 | 11 | 17 | 12 | 59 | 9.03 | 6 | Portland-Vancouver-Hillsboro, OR-WA | 41 | Much Higher than National Average | | | | Atlanta-Sandy Springs-Roswell, GA | 18 | Similar to National Average | | | |
| Kentucky | 9,889 | 13 | 5 | 4 | 5 | 27 | 2.73 | 10 | Boston-Cambridge-Nashua, MA-NH | 41 | Lower than National Average | | | | Akron, OH | 18 | Much Higher than National Average | | | |
| Louisiana | 8,780 | 6 | 7 | 3 | 34 | 50 | 5.69 | 36 | Riverside-San Bernardino-Ontario, CA | 40 | Higher than National Average | | | | San Francisco-Oakland-Hayward, CA | 17 | Similar to National Average | | | |
| Maine | 2,284 | 1 | 3 | 4 | 2 | 10 | 4.38 | 3 | San Francisco-Oakland-Hayward, CA | 39 | Lower than National Average | | | | Kansas City, MO-KS | 16 | Much Higher than National Average | | | |
| Maryland | 11,700 | 16 | 11 | 7 | 9 | 43 | 3.68 | 7 | Tampa-St. Petersburg-Clearwater, FL | 38 | Higher than National Average | | | | Phoenix-Mesa-Scottsdale, AZ | 14 | Similar to National Average | | | |
| Massachusetts | 13,259 | 17 | 23 | 11 | 12 | 63 | 4.75 | 21 | St. Louis, MO-IL | 37 | Higher than National Average | | | | Ann Arbor, MI | 14 | Much Higher than National Average | | | |
| Michigan | 15,719 | 53 | 27 | 53 | 44 | 177 | 11.26 | 72 | Denver-Aurora-Lakewood, CO | 37 | Higher than National Average | | | | Denver-Aurora-Lakewood, CO | 13 | Similar to National Average | | | |
| Minnesota | 8,911 | 18 | 6 | 5 | 3 | 32 | 3.59 | 9 | Atlanta-Sandy Springs-Roswell, GA | 36 | Lower than National Average | | | | Pittsburgh, PA | 11 | Higher than National Average | | | |
| Mississippi | 6,211 | 0 | 2 | 4 | 0 | 6 | 0.97 | 1 | Pittsburgh, PA | 34 | Higher than National Average | | | | Louisville/Jefferson County, KY-IN | 10 | Much Higher than National Average | | | |
| Missouri | 10,770 | 27 | 14 | 7 | 32 | 80 | 7.43 | 35 | New Haven, CT | 31 | Much Higher than National Average | | | | | | | | | |
| Montana | 2,104 | 2 | 20 | 3 | 4 | 29 | 13.78 | 9 | | | | | | | | | | | | |
| Nebraska | 5,158 | 3 | 2 | 0 | 0 | 5 | 0.97 | 3 | | | | | | | | | | | | |
| Nevada | 7,721 | 14 | 7 | 4 | 5 | 30 | 3.89 | 21 | | | | | | | | | | | | |
| New Hampshire | 2,780 | 2 | 1 | 3 | 1 | 7 | 2.52 | 7 | | | | | | | | | | | | |
| New Jersey | 17,656 | 31 | 23 | 28 | 24 | 106 | 6.00 | 50 | | | | | | | | | | | | |
| New Mexico | 3,027 | 18 | 4 | 1 | 7 | 30 | 9.91 | 8 | | | | | | | | | | | | |
| New York | 27,113 | 75 | 31 | 25 | 29 | 160 | 5.90 | 48 | | | | | | | | | | | | |
| North Carolina | 16,517 | 11 | 6 | 2 | 14 | 33 | 2.00 | 17 | | | | | | | | | | | | |
| North Dakota | 2,257 | 0 | 1 | 0 | 0 | 1 | 0.44 | 0 | | | | | | | | | | | | |
| Ohio | 20,349 | 31 | 34 | 52 | 43 | 160 | 7.86 | 139 | | | | | | | | | | | | |
| Oklahoma | 7,074 | 7 | 4 | 5 | 3 | 19 | 2.69 | 8 | | | | | | | | | | | | |
| Oregon | 8,019 | 27 | 10 | 12 | 2 | 51 | 6.36 | 6 | | | | | | | | | | | | |
| Pennsylvania | 22,781 | 61 | 20 | 14 | 17 | 112 | 4.92 | 44 | | | | | | | | | | | | |
| Puerto Rico | 5,340 | 0 | 0 | 0 | 4 | 4 | 0.75 | 2 | | | | | | | | | | | | |
| Rhode Island | 2,185 | 0 | 1 | 0 | 0 | 1 | 0.46 | 8 | | | | | | | | | | | | |
| South Carolina | 9,045 | 11 | 9 | 8 | 9 | 37 | 4.09 | 3 | | | | | | | | | | | | |
| South Dakota | 2,080 | 0 | 1 | 0 | 1 | 2 | 0.96 | 2 | | | | | | | | | | | | |
| Tennessee | 12,180 | 9 | 5 | 1 | 8 | 23 | 1.89 | 6 | | | | | | | | | | | | |
| Texas | 46,835 | 52 | 29 | 24 | 41 | 146 | 3.12 | 62 | | | | | | | | | | | | |
| Utah | 3,270 | 5 | 9 | 4 | 3 | 21 | 6.42 | 8 | | | | | | | | | | | | |
| Vermont | 1,180 | 0 | 1 | 0 | 0 | 1 | 0.85 | 1 | | | | | | | | | | | | |
| Virginia | 14,976 | 12 | 14 | 2 | 4 | 32 | 2.14 | 6 | | | | | | | | | | | | |
| Washington | 10,490 | 36 | 19 | 28 | 23 | 106 | 10.10 | 22 | | | | | | | | | | | | |
| West Virginia | 4,780 | 1 | 0 | 0 | 0 | 1 | 0.21 | 0 | | | | | | | | | | | | |
| Wisconsin | 5,834 | 22 | 8 | 5 | 3 | 38 | 6.51 | 5 | | | | | | | | | | | | |
| Wyoming | 1,407 | 0 | 2 | 0 | 0 | 2 | 1.42 | 2 | | | | | | | | | | | | |

Compounding Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works for a compounding pharmacy. Specializes in preparation of alternate modes of delivery and forms of commercial medication not available in retail or hospital pharmacies.

Informatics Pharmacist: Improves precision and safety of prescribing and administering medications by using technology and data analysis. Draws on both pharmaceutical expertise and computer science to improve patient outcomes. Uses patient information in electronic health records (EHR) to prevent errors, streamline operations, share information and assess the dangers of full medication spread for a patient.

Infusion Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works primarily in healthcare facilities. May be directly involved in patient care or consult with healthcare facilities or insurance companies to develop efficient methods of prescription. Specializes in drugs delivered through infusion, using a needle or a catheter.

Long-Term Care Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works in a long-term care facility or pharmacy. May be directly involved in patient care, working with physicians and healthcare workers to manage the long-term health of the patients in the facility.

Nuclear Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works for a pharmacy or a healthcare facility dispensing nuclear medicines (made from radioactive materials). May be directly involved in patient care or consult with healthcare facilities or insurance companies to develop efficient methods of prescription.

Oncology Pharmacist: Provides medications to patients and educates patients on the proper use of medications. Specializes in managing complex pharmacotherapeutic plans for treatment and prevention of cancer and cancer-related diseases.

Compounding Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works for a compounding pharmacy. Specializes in preparation of alternate modes of delivery and forms of commercial medication not available in retail or hospital pharmacies.

Informatics Pharmacist: Improves precision and safety of prescribing and administering medications by using technology and data analysis. Draws on both pharmaceutical expertise and computer science to improve patient outcomes. Uses patient information in electronic health records (EHR) to prevent errors, streamline operations, share information and assess the dangers of full medication spread for a patient.

Infusion Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works primarily in healthcare facilities. May be directly involved in patient care or consult with healthcare facilities or insurance companies to develop efficient methods of prescription. Specializes in drugs delivered through infusion, using a needle or a catheter.

Long-Term Care Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works in a long-term care facility or pharmacy. May be directly involved in patient care, working with physicians and healthcare workers to manage the long-term health of the patients in the facility.

Nuclear Pharmacist: Provides medications to patients and educates patients and physicians on the proper use of medications. Works for a pharmacy or a healthcare facility dispensing nuclear medicines (made from radioactive materials). May be directly involved in patient care or consult with healthcare facilities or insurance companies to develop efficient methods of prescription.

Oncology Pharmacist: Provides medications to patients and educates patients on the proper use of medications. Specializes in managing complex pharmacotherapeutic plans for treatment and prevention of cancer and cancer-related diseases.

| Pharmacy Demand Report (PDR) | | | | | | | | | | | | | |
|------------------------------|--|-----------------------------------|----|----|----|----------------------------|-----------------------------------|--|--|--|----|---|----|
| Pharmacy Director | | | | | | | | | | | | | |
| Job Postings Per State | | | | | | | | | | Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs) | | | |
| State/Territory | Number of Pharmacists Licensed (as of Oct. 2019) | 2019 | | | | | 2020 | | | 2019 | | | |
| | | Q1 (Includes Carryover from 2018) | | | | Postings Quotient for 2019 | Q1 (Includes Carryover from 2019) | | | Full Year | | Quarter 1 | |
| | | | Q2 | Q3 | Q4 | | | | | Metro Area | | Metro Area | |
| Alabama | 9,581 | 1 | 1 | 1 | 2 | 5 | 0.52 | | | Los Angeles-Long Beach-Anaheim, CA | 84 | Los Angeles-Long Beach-Anaheim, CA | 26 |
| Alaska | 1,083 | 2 | 0 | 1 | 1 | 4 | 3.69 | | | Seattle-Tacoma-Bellevue, WA | 36 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 15 |
| Arizona | 11,461 | 5 | 6 | 3 | 8 | 22 | 1.92 | | | New York-Newark-Jersey City, NY-NJ-PA | 36 | Phoenix-Mesa-Scottsdale, AZ | 14 |
| Arkansas | 6,169 | 2 | 0 | 1 | 1 | 4 | 0.65 | | | Riverside-San Bernardino-Ontario, CA | 30 | New York-Newark-Jersey City, NY-NJ-PA | 10 |
| California | 44,864 | 64 | 66 | 51 | 45 | 226 | 5.04 | | | San Francisco-Oakland-Hayward, CA | 29 | San Diego-Carlsbad, CA | 8 |
| Colorado | 8,351 | 1 | 3 | 8 | 2 | 14 | 1.68 | | | Chicago-Naperville-Elgin, IL-IN-WI | 27 | Dayton, OH | 7 |
| Connecticut | 5,545 | 1 | 0 | 1 | 0 | 2 | 0.36 | | | Detroit-Warren-Dearborn, MI | 24 | Corpus Christi, TX | 7 |
| Delaware | 2,208 | 0 | 0 | 0 | 0 | 0 | 0.00 | | | Sacramento-Roseville-Arden-Arcade, CA | 20 | Seattle-Tacoma-Bellevue, WA | 6 |
| District of Columbia | 1,886 | 0 | 1 | 0 | 0 | 1 | 0.53 | | | Houston-The Woodlands-Sugar Land, TX | 20 | San Francisco-Oakland-Hayward, CA | 6 |
| Florida | 37,366 | 12 | 6 | 12 | 10 | 40 | 1.07 | | | Baltimore-Columbia-Towson, MD | 19 | San Antonio-New Braunfels, TX | 6 |
| Georgia | 15,216 | 6 | 0 | 0 | 0 | 6 | 0.39 | | | Portland-Vancouver-Hillsboro, OR-WA | 18 | Milwaukee-Waukesha-West Allis, WI | 6 |
| Hawaii | 2,763 | 0 | 0 | 1 | 1 | 2 | 0.72 | | | Dallas-Fort Worth-Arlington, TX | 18 | Miami-Fort Lauderdale-West Palm Beach, FL | 6 |
| Idaho | 2,399 | 0 | 3 | 1 | 3 | 7 | 2.92 | | | Phoenix-Mesa-Scottsdale, AZ | 17 | Houston-The Woodlands-Sugar Land, TX | 6 |
| Illinois | 18,184 | 7 | 15 | 7 | 7 | 36 | 1.98 | | | New Orleans-Metairie, LA | 16 | Chicago-Naperville-Elgin, IL-IN-WI | 6 |
| Indiana | 10,817 | 1 | 3 | 1 | 6 | 11 | 1.02 | | | Miami-Fort Lauderdale-West Palm Beach, FL | 16 | Riverside-San Bernardino-Ontario, CA | 5 |
| Iowa | 11,521 | 4 | 0 | 4 | 1 | 9 | 0.78 | | | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 14 | Louisville/Jefferson County, KY-IN | 5 |
| Kansas | 6,533 | 2 | 2 | 0 | 0 | 4 | 0.61 | | | San Antonio-New Braunfels, TX | 12 | Detroit-Warren-Dearborn, MI | 5 |
| Kentucky | 9,889 | 5 | 6 | 0 | 2 | 13 | 1.31 | | | Grand Rapids-Wyoming, MI | 12 | Dallas-Fort Worth-Arlington, TX | 5 |
| Louisiana | 8,780 | 19 | 8 | 3 | 4 | 34 | 3.87 | | | St. Louis, MO-IL | 11 | Baltimore-Columbia-Towson, MD | 5 |
| Maine | 2,284 | 0 | 0 | 0 | 0 | 0 | 0.00 | | | Oxnard-Thousand Oaks-Ventura, CA | 11 | Austin-Round Rock, TX | 5 |
| Maryland | 11,700 | 0 | 2 | 8 | 9 | 19 | 1.62 | | | Cleveland-Elyria, OH | 11 | Portland-Vancouver-Hillsboro, OR-WA | 4 |
| Massachusetts | 13,259 | 4 | 6 | 0 | 2 | 12 | 0.91 | | | Boston-Cambridge-Nashua, MA-NH | 11 | Orlando-Kissimmee-Sanford, FL | 4 |
| Michigan | 15,719 | 22 | 18 | 9 | 7 | 56 | 3.56 | | | Orlando-Kissimmee-Sanford, FL | 10 | Las Vegas-Henderson-Paradise, NV | 4 |
| Minnesota | 8,911 | 3 | 2 | 1 | 1 | 7 | 0.79 | | | Fresno, CA | 10 | Boston-Cambridge-Nashua, MA-NH | 4 |
| Mississippi | 6,211 | 1 | 0 | 0 | 0 | 1 | 0.16 | | | Tampa-St. Petersburg-Clearwater, FL | 9 | Boise City, ID | 4 |
| Missouri | 10,770 | 5 | 3 | 4 | 3 | 15 | 1.39 | | | | | | |
| Montana | 2,104 | 0 | 0 | 0 | 0 | 0 | 0.00 | | | | | | |
| Nebraska | 5,158 | 1 | 0 | 2 | 6 | 9 | 1.74 | | | | | | |
| Nevada | 7,721 | 2 | 4 | 3 | 3 | 12 | 1.55 | | | | | | |
| New Hampshire | 2,780 | 1 | 1 | 0 | 0 | 2 | 0.72 | | | | | | |
| New Jersey | 17,656 | 9 | 2 | 9 | 7 | 27 | 1.53 | | | | | | |
| New Mexico | 3,027 | 2 | 0 | 1 | 1 | 4 | 1.32 | | | | | | |
| New York | 27,113 | 5 | 2 | 1 | 3 | 11 | 0.41 | | | | | | |
| North Carolina | 16,517 | 9 | 4 | 4 | 3 | 20 | 1.21 | | | | | | |
| North Dakota | 2,257 | 0 | 1 | 1 | 0 | 2 | 0.89 | | | | | | |
| Ohio | 20,349 | 7 | 7 | 1 | 10 | 25 | 1.23 | | | | | | |
| Oklahoma | 2,074 | 2 | 2 | 1 | 1 | 6 | 0.85 | | | | | | |
| Oregon | 8,019 | 4 | 6 | 9 | 3 | 22 | 2.74 | | | | | | |
| Pennsylvania | 22,781 | 5 | 2 | 3 | 5 | 15 | 0.66 | | | | | | |
| Puerto Rico | 5,340 | 2 | 0 | 0 | 0 | 2 | 0.37 | | | | | | |
| Rhode Island | 2,185 | 4 | 0 | 0 | 0 | 4 | 1.83 | | | | | | |
| South Carolina | 9,045 | 3 | 2 | 0 | 1 | 6 | 0.66 | | | | | | |
| South Dakota | 2,080 | 0 | 0 | 0 | 0 | 0 | 0.00 | | | | | | |
| Tennessee | 12,180 | 5 | 2 | 3 | 0 | 10 | 0.82 | | | | | | |
| Texas | 46,835 | 27 | 14 | 22 | 14 | 77 | 1.64 | | | | | | |
| Utah | 3,270 | 0 | 0 | 1 | 1 | 2 | 0.61 | | | | | | |
| Vermont | 1,180 | 0 | 0 | 0 | 0 | 0 | 0.00 | | | | | | |
| Virginia | 14,976 | 5 | 2 | 3 | 2 | 12 | 0.80 | | | | | | |
| Washington | 10,490 | 21 | 14 | 9 | 6 | 50 | 4.77 | | | | | | |
| West Virginia | 4,780 | 4 | 1 | 0 | 3 | 8 | 1.67 | | | | | | |
| Wisconsin | 5,824 | 3 | 3 | 2 | 5 | 13 | 2.06 | | | | | | |
| Wyoming | 1,407 | 1 | 1 | 0 | 0 | 2 | 1.42 | | | | | | |

Pharmacy Director: Directs the operations and management of a pharmacy for a healthcare facility or institution. Manages pharmacists and pharmacy staff. Works with leadership of healthcare facility or institution on drug policy including safety, education, and finances.

Pharmacy Demand Report (PDR)

Pharmacy Technician

| Job Postings Per State | | | | | | | | | Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs) | | | |
|------------------------|---|-----------------------------------|-------|-------|-------|--------|----------------------------|-----------------------------------|--|--|-----------|--|
| | | | | | | | | | 2019 | | 2020 | |
| State/Territory | Number of Employeeed Pharmacy Technicians According to BLS (as of May 2019) | 2019 | | | | | | Q1 (Includes Carryover from 2019) | Full Year | | Quarter 1 | |
| | | Q1 (Includes Carryover from 2018) | Q2 | Q3 | Q4 | Total | Postings Quotient for 2019 | | | | | |
| Alabama | 6,790 | 527 | 397 | 305 | 346 | 1,575 | 231.96 | 515 | | | | |
| Alaska | 590 | 98 | 48 | 51 | 56 | 253 | 428.81 | 73 | | | | |
| Arizona | 8,900 | 1,443 | 1,012 | 1,023 | 1,018 | 4,496 | 505.17 | 1,680 | | | | |
| Arkansas | 4,880 | 191 | 138 | 141 | 140 | 610 | 125.00 | 208 | | | | |
| California | 36,560 | 3,836 | 2,882 | 2,696 | 2,913 | 12,327 | 337.17 | 5,014 | | | | |
| Colorado | 5,600 | 902 | 640 | 625 | 705 | 2,872 | 512.86 | 1,201 | | | | |
| Connecticut | 3,870 | 381 | 306 | 261 | 326 | 1,274 | 329.20 | 566 | | | | |
| Delaware | 1,360 | 112 | 88 | 66 | 79 | 345 | 253.68 | 112 | | | | |
| District of Columbia | 670 | 111 | 73 | 65 | 74 | 323 | 482.09 | 115 | | | | |
| Florida | 29,800 | 2,636 | 1,770 | 1,536 | 1,999 | 7,941 | 266.48 | 3,052 | | | | |
| Georgia | 11,360 | 1,128 | 883 | 775 | 783 | 3,569 | 314.17 | 1,031 | | | | |
| Guam | 200 | 1 | 1 | 0 | 0 | 2 | 10.00 | 0 | | | | |
| Hawaii | 1,790 | 135 | 118 | 104 | 93 | 450 | 251.40 | 130 | | | | |
| Idaho | 2,190 | 189 | 109 | 124 | 165 | 587 | 268.04 | 225 | | | | |
| Illinois | 21,090 | 1,631 | 1,152 | 1,293 | 1,353 | 5,429 | 257.42 | 1,977 | | | | |
| Indiana | 9,610 | 1,102 | 765 | 674 | 799 | 3,340 | 347.55 | 1,214 | | | | |
| Iowa | 4,270 | 523 | 341 | 188 | 267 | 1,319 | 308.90 | 398 | | | | |
| Kansas | 4,220 | 594 | 364 | 268 | 297 | 1,523 | 360.90 | 418 | | | | |
| Kentucky | 8,840 | 637 | 495 | 586 | 514 | 2,232 | 252.49 | 751 | | | | |
| Louisiana | 6,150 | 479 | 419 | 304 | 466 | 1,668 | 271.22 | 710 | | | | |
| Maine | 2,270 | 165 | 166 | 157 | 156 | 644 | 283.70 | 208 | | | | |
| Maryland | 7,640 | 887 | 608 | 513 | 681 | 2,689 | 351.96 | 904 | | | | |
| Massachusetts | 9,150 | 1,308 | 1,060 | 786 | 996 | 4,150 | 453.55 | 1,522 | | | | |
| Michigan | 15,040 | 2,234 | 1,554 | 1,587 | 1,440 | 6,815 | 453.13 | 2,162 | | | | |
| Minnesota | 8,120 | 1,279 | 744 | 685 | 745 | 3,453 | 425.25 | 1,038 | | | | |
| Mississippi | 3,450 | 268 | 182 | 179 | 235 | 864 | 250.43 | 292 | | | | |
| Missouri | 9,970 | 849 | 621 | 470 | 608 | 2,548 | 255.57 | 919 | | | | |
| Montana | 1,180 | 86 | 103 | 53 | 68 | 310 | 262.71 | 129 | | | | |
| Nebraska | 2,510 | 302 | 220 | 185 | 177 | 884 | 352.19 | 312 | | | | |
| Nevada | 3,750 | 352 | 213 | 204 | 231 | 1,000 | 266.67 | 404 | | | | |
| New Hampshire | 1,870 | 262 | 223 | 217 | 227 | 929 | 496.79 | 344 | | | | |
| New Jersey | 9,810 | 1,347 | 993 | 866 | 923 | 4,129 | 420.90 | 1,450 | | | | |
| New Mexico | 2,340 | 224 | 147 | 146 | 138 | 655 | 279.91 | 227 | | | | |
| New York | 20,360 | 1,598 | 1,337 | 1,062 | 1,201 | 5,198 | 255.30 | 2,055 | | | | |
| North Carolina | 13,560 | 1,296 | 992 | 792 | 882 | 3,962 | 292.18 | 1,421 | | | | |
| North Dakota | 890 | 48 | 73 | 47 | 47 | 215 | 241.57 | 71 | | | | |
| Ohio | 16,470 | 2,015 | 1,549 | 1,524 | 1,370 | 6,458 | 392.11 | 2,558 | | | | |
| Oklahoma | 4,940 | 372 | 226 | 252 | 268 | 1,118 | 226.32 | 426 | | | | |
| Oregon | 4,900 | 628 | 433 | 375 | 484 | 1,920 | 391.84 | 581 | | | | |
| Pennsylvania | 18,250 | 1,992 | 1,549 | 1,258 | 1,409 | 6,208 | 340.16 | 2,297 | | | | |
| Puerto Rico | 5,530 | 38 | 37 | 28 | 21 | 124 | 22.42 | 40 | | | | |
| Rhode Island | 1,840 | 166 | 122 | 111 | 155 | 554 | 301.09 | 180 | | | | |
| South Carolina | 7,110 | 447 | 391 | 301 | 320 | 1,459 | 205.20 | 508 | | | | |
| South Dakota | 1,250 | 56 | 48 | 39 | 54 | 197 | 157.60 | 63 | | | | |
| Tennessee | 10,270 | 1,077 | 762 | 789 | 684 | 3,312 | 322.49 | 995 | | | | |
| Texas | 38,550 | 3,260 | 2,314 | 2,389 | 2,443 | 10,406 | 269.94 | 4,076 | | | | |
| Utah | 3,700 | 359 | 259 | 229 | 237 | 1,084 | 292.97 | 467 | | | | |
| Vermont | 740 | 91 | 56 | 45 | 64 | 256 | 345.95 | 68 | | | | |
| Virgin Islands | 70 | 0 | 1 | 0 | 0 | 1 | 14.29 | 3 | | | | |
| Virginia | 10,320 | 1,039 | 771 | 724 | 745 | 3,279 | 317.73 | 1,121 | | | | |
| Washington | 7,150 | 949 | 677 | 807 | 688 | 3,121 | 436.50 | 1,073 | | | | |
| West Virginia | 3,270 | 196 | 151 | 172 | 178 | 697 | 213.15 | 198 | | | | |
| Wisconsin | 7,990 | 1,063 | 615 | 527 | 601 | 2,806 | 351.19 | 952 | | | | |
| Wyoming | 570 | 35 | 40 | 21 | 26 | 122 | 214.04 | 34 | | | | |

| 2019 | | 2020 | |
|--|--------------|--|--------------|
| Full Year | | Quarter 1 | |
| Metro Area | Job Postings | Metro Area | Job Postings |
| New York-Newark-Jersey City, NY-NJ-PA | 5,971 | New York-Newark-Jersey City, NY-NJ-PA | 2,238 |
| Chicago-Naperville-Elgin, IL-IN-WI | 4,300 | Chicago-Naperville-Elgin, IL-IN-WI | 1,617 |
| Los Angeles-Long Beach-Anaheim, CA | 4,048 | Los Angeles-Long Beach-Anaheim, CA | 1,532 |
| Dallas-Fort Worth-Arlington, TX | 3,792 | Dallas-Fort Worth-Arlington, TX | 1,529 |
| Detroit-Warren-Dearborn, MI | 3,679 | Phoenix-Mesa-Scottsdale, AZ | 1,339 |
| Phoenix-Mesa-Scottsdale, AZ | 3,585 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 1,306 |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 3,352 | Detroit-Warren-Dearborn, MI | 1,219 |
| Boston-Cambridge-Nashua, MA-NH | 2,964 | Boston-Cambridge-Nashua, MA-NH | 1,198 |
| Minneapolis-St. Paul-Bloomington, MN-WI | 2,306 | Houston-The Woodlands-Sugar Land, TX | 895 |
| Miami-Fort Lauderdale-West Palm Beach, FL | 2,255 | Miami-Fort Lauderdale-West Palm Beach, FL | 838 |
| Atlanta-Sandy Springs-Roswell, GA | 2,202 | Cleveland-Elyria, OH | 823 |
| Seattle-Tacoma-Bellevue, WA | 2,180 | San Francisco-Oakland-Hayward, CA | 823 |
| Houston-The Woodlands-Sugar Land, TX | 2,161 | Minneapolis-St. Paul-Bloomington, MN-WI | 760 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 2,023 | Seattle-Tacoma-Bellevue, WA | 732 |
| San Francisco-Oakland-Hayward, CA | 1,884 | Denver-Aurora-Lakewood, CO | 731 |
| Baltimore-Columbia-Towson, MD | 1,806 | Washington-Arlington-Alexandria, DC-VA-MD-WV | 682 |
| Denver-Aurora-Lakewood, CO | 1,682 | Atlanta-Sandy Springs-Roswell, GA | 659 |
| Pittsburgh, PA | 1,649 | Tampa-St. Petersburg-Clearwater, FL | 636 |
| Tampa-St. Petersburg-Clearwater, FL | 1,638 | Indianapolis-Carmel-Anderson, IN | 615 |
| Kansas City, MO-KS | 1,637 | Pittsburgh, PA | 598 |
| Indianapolis-Carmel-Anderson, IN | 1,541 | Baltimore-Columbia-Towson, MD | 589 |
| Cleveland-Elyria, OH | 1,473 | St. Louis, MO-IL | 584 |
| Nashville-Davidson--Murfreesboro--Franklin, TN | 1,458 | Orlando-Kissimmee-Sanford, FL | 526 |
| St. Louis, MO-IL | 1,419 | Riverside-San Bernardino-Ontario, CA | 512 |
| Portland-Vancouver-Hillsboro, OR-WA | 1,411 | San Diego-Carlsbad, CA | 491 |

Pharmacy Technician: Works under the direction of a pharmacist to dispense prescription medications. Serves customers and helps to fill prescriptions. Works in a retail pharmacy or healthcare facility.

Pharmacy Demand Report (PDR)

Retail Pharmacist

| Job Postings Per State | | | | | | | | | | |
|------------------------|--|-----------------------------------|-----|-----|-----|-------|----------------------------|-----------------------------------|--|--|
| State/Territory | Number of Pharmacists Licensed (as of Oct. 2019) | 2019 | | | | | 2020 | | | |
| | | Q1 (Includes Carryover from 2018) | Q2 | Q3 | Q4 | Total | Postings Quotient for 2019 | Q1 (Includes Carryover from 2019) | | |
| Alabama | 9,581 | 19 | 1 | 6 | 8 | 34 | 3.55 | 8 | | |
| Alaska | 1,083 | 22 | 3 | 3 | 3 | 31 | 28.62 | 3 | | |
| Arizona | 11,461 | 58 | 60 | 59 | 64 | 241 | 21.03 | 86 | | |
| Arkansas | 6,169 | 0 | 1 | 2 | 6 | 9 | 1.46 | 6 | | |
| California | 44,864 | 253 | 191 | 172 | 159 | 775 | 17.27 | 321 | | |
| Colorado | 8,351 | 33 | 20 | 18 | 23 | 94 | 11.26 | 41 | | |
| Connecticut | 5,545 | 12 | 19 | 6 | 10 | 47 | 8.48 | 9 | | |
| Delaware | 2,208 | 2 | 0 | 3 | 2 | 7 | 3.17 | 1 | | |
| District of Columbia | 1,886 | 5 | 4 | 6 | 1 | 16 | 8.48 | 3 | | |
| Florida | 37,366 | 97 | 54 | 35 | 65 | 251 | 6.72 | 106 | | |
| Georgia | 15,216 | 44 | 22 | 26 | 43 | 135 | 8.87 | 33 | | |
| Hawaii | 2,763 | 2 | 1 | 0 | 0 | 3 | 1.09 | 0 | | |
| Idaho | 2,399 | 8 | 10 | 3 | 5 | 26 | 10.84 | 6 | | |
| Illinois | 18,184 | 63 | 28 | 53 | 27 | 171 | 9.40 | 41 | | |
| Indiana | 10,817 | 50 | 9 | 7 | 23 | 89 | 8.23 | 21 | | |
| Iowa | 11,521 | 12 | 9 | 5 | 4 | 30 | 2.60 | 4 | | |
| Kansas | 6,533 | 11 | 41 | 8 | 12 | 72 | 11.02 | 12 | | |
| Kentucky | 9,889 | 20 | 15 | 3 | 12 | 50 | 5.06 | 26 | | |
| Louisiana | 8,780 | 7 | 10 | 14 | 12 | 43 | 4.90 | 18 | | |
| Maine | 2,284 | 4 | 4 | 4 | 3 | 15 | 6.57 | 4 | | |
| Maryland | 11,700 | 16 | 13 | 7 | 9 | 45 | 3.85 | 15 | | |
| Massachusetts | 13,259 | 26 | 25 | 16 | 15 | 82 | 6.18 | 26 | | |
| Michigan | 15,719 | 62 | 39 | 36 | 22 | 159 | 10.12 | 42 | | |
| Minnesota | 8,911 | 17 | 11 | 13 | 7 | 48 | 5.39 | 9 | | |
| Mississippi | 6,211 | 9 | 5 | 5 | 2 | 21 | 3.38 | 6 | | |
| Missouri | 10,770 | 21 | 30 | 8 | 27 | 86 | 7.99 | 36 | | |
| Montana | 2,104 | 9 | 16 | 2 | 8 | 35 | 16.63 | 12 | | |
| Nebraska | 5,158 | 9 | 17 | 12 | 12 | 50 | 9.69 | 25 | | |
| Nevada | 7,721 | 12 | 14 | 17 | 13 | 56 | 7.25 | 32 | | |
| New Hampshire | 2,780 | 2 | 4 | 4 | 12 | 22 | 7.91 | 13 | | |
| New Jersey | 17,656 | 37 | 26 | 42 | 37 | 142 | 8.04 | 44 | | |
| New Mexico | 3,027 | 8 | 13 | 6 | 11 | 38 | 12.55 | 16 | | |
| New York | 27,113 | 71 | 70 | 43 | 34 | 218 | 8.04 | 68 | | |
| North Carolina | 16,517 | 8 | 7 | 15 | 6 | 36 | 2.18 | 13 | | |
| North Dakota | 2,257 | 28 | 19 | 4 | 35 | 86 | 38.10 | 36 | | |
| Ohio | 20,349 | 70 | 55 | 52 | 38 | 215 | 10.57 | 75 | | |
| Oklahoma | 7,074 | 5 | 8 | 13 | 10 | 36 | 5.09 | 8 | | |
| Oregon | 8,019 | 40 | 23 | 12 | 13 | 88 | 10.97 | 23 | | |
| Pennsylvania | 22,781 | 68 | 83 | 65 | 72 | 288 | 12.64 | 116 | | |
| Puerto Rico | 5,340 | 0 | 2 | 1 | 3 | 6 | 1.12 | 1 | | |
| Rhode Island | 2,185 | 3 | 2 | 2 | 2 | 9 | 4.12 | 5 | | |
| South Carolina | 9,045 | 16 | 15 | 7 | 7 | 45 | 4.98 | 21 | | |
| South Dakota | 2,080 | 5 | 0 | 0 | 3 | 8 | 3.85 | 3 | | |
| Tennessee | 12,180 | 7 | 8 | 7 | 3 | 25 | 2.05 | 18 | | |
| Texas | 46,835 | 61 | 46 | 64 | 99 | 270 | 5.76 | 126 | | |
| Utah | 3,270 | 7 | 3 | 10 | 6 | 26 | 7.95 | 9 | | |
| Vermont | 1,180 | 5 | 1 | 2 | 0 | 8 | 6.78 | 0 | | |
| Virginia | 14,976 | 10 | 24 | 21 | 9 | 64 | 4.27 | 14 | | |
| Washington | 10,490 | 60 | 28 | 26 | 39 | 153 | 14.59 | 76 | | |
| West Virginia | 4,780 | 4 | 2 | 5 | 0 | 11 | 2.30 | 3 | | |
| Wisconsin | 5,834 | 46 | 7 | 9 | 13 | 75 | 12.86 | 34 | | |
| Wyoming | 1,407 | 6 | 3 | 4 | 2 | 15 | 10.66 | 2 | | |

| Job Postings in the Top 25 Metropolitan Statistical Areas (MSAs) | | | | | |
|--|--------------|-----------------------------------|---|--------------|-----------------------------------|
| 2019 | | | 2020 | | |
| Full Year | | | Quarter 1 | | |
| Metro Area | Job Postings | Location Quotient | Metro Area | Job Postings | Location Quotient |
| New York-Newark-Jersey City, NY-NJ-PA | 229 | Lower than National Average | New York-Newark-Jersey City, NY-NJ-PA | 73 | Lower than National Average |
| Phoenix-Mesa-Scottsdale, AZ | 184 | Much Higher than National Average | Phoenix-Mesa-Scottsdale, AZ | 63 | Much Higher than National Average |
| Chicago-Naperville-Elgin, IL-IN-WI | 141 | Similar to National Average | San Francisco-Oakland-Hayward, CA | 51 | Much Higher than National Average |
| San Francisco-Oakland-Hayward, CA | 137 | Much Higher than National Average | Seattle-Tacoma-Bellevue, WA | 49 | Much Higher than National Average |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 115 | Higher than national Average | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 47 | Higher than national Average |
| Los Angeles-Long Beach-Anaheim, CA | 113 | Much Lower than Nation Average | Sacramento-Roseville-Arden-Arcade, CA | 43 | Much Higher than National Average |
| Atlanta-Sandy Springs-Roswell, GA | 93 | Similar to National Average | Los Angeles-Long Beach-Anaheim, CA | 43 | Much Lower than Nation Average |
| Miami-Fort Lauderdale-West Palm Beach, FL | 86 | Similar to National Average | Chicago-Naperville-Elgin, IL-IN-WI | 38 | Lower than National Average |
| Sacramento-Roseville-Arden-Arcade, CA | 79 | Much Higher than National Average | Dallas-Fort Worth-Arlington, TX | 37 | Similar to National Average |
| Seattle-Tacoma-Bellevue, WA | 75 | Similar to National Average | Pittsburgh, PA | 34 | Much Higher than National Average |
| Dallas-Fort Worth-Arlington, TX | 71 | Lower than National Average | Miami-Fort Lauderdale-West Palm Beach, FL | 28 | Similar to National Average |
| Houston-The Woodlands-Sugar Land, TX | 67 | Lower than National Average | Milwaukee-Waukesha-West Allis, WI | 26 | Much Higher than National Average |
| Pittsburgh, PA | 60 | Much Higher than National Average | Atlanta-Sandy Springs-Roswell, GA | 26 | Similar to National Average |
| Boston-Cambridge-Nashua, MA-NH | 57 | Lower than National Average | St. Louis, MO-IL | 25 | Much Higher than National Average |
| San Diego-Carlsbad, CA | 53 | Similar to National Average | Orlando-Kissimmee-Sanford, FL | 22 | Much Higher than National Average |
| Orlando-Kissimmee-Sanford, FL | 51 | Higher than national Average | Denver-Aurora-Lakewood, CO | 22 | Higher than national Average |
| Milwaukee-Waukesha-West Allis, WI | 50 | Much Higher than National Average | San Diego-Carlsbad, CA | 20 | Similar to National Average |
| St. Louis, MO-IL | 46 | Similar to National Average | Cleveland-Elyria, OH | 20 | Much Higher than National Average |
| Fresno, CA | 43 | Much Higher than National Average | Cincinnati, OH-KY-IN | 19 | Much Higher than National Average |
| Detroit-Warren-Dearborn, MI | 41 | Lower than National Average | Stockton-Lodi, CA | 18 | Much Higher than National Average |
| Kansas City, MO-KS | 39 | Similar to National Average | Las Vegas-Henderson-Paradise, NV | 18 | Much Higher than National Average |
| Omaha-Council Bluffs, NE-IA | 37 | Much Higher than National Average | Houston-The Woodlands-Sugar Land, TX | 18 | Much Lower than National Average |
| Cincinnati, OH-KY-IN | 37 | Similar to National Average | Riverside-San Bernardino-Ontario, CA | 16 | Similar to National Average |
| Tampa-St. Petersburg-Clearwater, FL | 36 | Similar to National Average | Boston-Cambridge-Nashua, MA-NH | 16 | Much Lower than Nation Average |
| Cleveland-Elyria, OH | 36 | Similar to National Average | Fresno, CA | 15 | Much Higher than National Average |

Retail Pharmacist: Provides medications to patients and educates patients on the proper use of medications. Works in the pharmacy department of a retail store. Dispenses prescription and non-prescription medications. Manages prescription records and the pharmacy patient database. May consult with healthcare facilities or insurance companies to develop efficient methods of prescription.

| Pharmacy Demand Report (PDR) | | | | | | | | | | | | | | | | | |
|--|--|-----------------------------------|--------------|-----|-----|-----------------------------------|-----------------------------------|--|--|-----------|--|--------------|--|--|-----------------------------------|--|--|
| All Pharmacist Positions | | | | | | | | | | | | | | | | | |
| (Excluding Pharmacy Technician) | | | | | | | | | | | | | | | | | |
| Job Postings Per State | | | | | | | | Job Postings in the Top 50 Metropolitan Statistical Areas (MSAs) | | | | | | | | | |
| State/Territory | Number of Pharmacists Licensed (as of Oct. 2019) | 2019 | | | | | Q1 (Includes Carryover from 2019) | 2020 | | | | | | | | | |
| | | Q1 (Includes Carryover from 2018) | Q2 | Q3 | Q4 | Total | | Postings Quotient for 2019 | 2020 | | | | | | | | |
| | | | | | | | | | Quarter 1 | | | | | | | | |
| | | Q1 | Q2 | Q3 | Q4 | Total | Postings Quotient for 2019 | Full Year | | Quarter 1 | | | | | | | |
| Alabama | 9,581 | 58 | 9 | 12 | 18 | 97 | 10.12 | 18 | | | | | | | | | |
| Alaska | 1,083 | 42 | 10 | 12 | 4 | 68 | 62.79 | 14 | | | | | | | | | |
| Arizona | 11,461 | 157 | 118 | 114 | 112 | 501 | 43.71 | 179 | | | | | | | | | |
| Arkansas | 6,169 | 16 | 6 | 20 | 24 | 66 | 10.70 | 19 | | | | | | | | | |
| California | 44,864 | 765 | 672 | 593 | 636 | 2,666 | 59.42 | 956 | | | | | | | | | |
| Colorado | 8,351 | 104 | 92 | 54 | 62 | 312 | 37.36 | 106 | | | | | | | | | |
| Connecticut | 5,545 | 60 | 64 | 70 | 58 | 252 | 45.45 | 90 | | | | | | | | | |
| Delaware | 2,208 | 8 | 1 | 5 | 6 | 20 | 9.06 | 7 | | | | | | | | | |
| District of Columbia | 1,886 | 14 | 7 | 11 | 6 | 38 | 20.15 | 11 | | | | | | | | | |
| Florida | 37,366 | 337 | 223 | 195 | 239 | 994 | 26.60 | 401 | | | | | | | | | |
| Georgia | 15,216 | 107 | 70 | 67 | 110 | 354 | 23.26 | 139 | | | | | | | | | |
| Hawaii | 2,763 | 9 | 16 | 5 | 3 | 33 | 11.94 | 12 | | | | | | | | | |
| Idaho | 2,399 | 18 | 22 | 13 | 16 | 69 | 28.76 | 33 | | | | | | | | | |
| Illinois | 18,184 | 214 | 162 | 159 | 137 | 672 | 36.96 | 174 | | | | | | | | | |
| Indiana | 10,817 | 97 | 33 | 35 | 76 | 241 | 22.28 | 88 | | | | | | | | | |
| Iowa | 11,521 | 33 | 11 | 18 | 19 | 81 | 7.03 | 19 | | | | | | | | | |
| Kansas | 6,533 | 46 | 62 | 30 | 30 | 168 | 25.72 | 35 | | | | | | | | | |
| Kentucky | 9,889 | 63 | 46 | 28 | 47 | 184 | 18.61 | 78 | | | | | | | | | |
| Louisiana | 8,780 | 39 | 46 | 42 | 85 | 212 | 24.15 | 94 | | | | | | | | | |
| Maine | 2,284 | 9 | 12 | 15 | 16 | 52 | 22.77 | 18 | | | | | | | | | |
| Maryland | 11,700 | 54 | 45 | 38 | 67 | 204 | 17.44 | 73 | | | | | | | | | |
| Massachusetts | 13,259 | 91 | 83 | 52 | 59 | 285 | 21.49 | 97 | | | | | | | | | |
| Michigan | 15,719 | 186 | 123 | 125 | 104 | 538 | 34.23 | 169 | | | | | | | | | |
| Minnesota | 8,911 | 109 | 70 | 47 | 46 | 272 | 30.52 | 64 | | | | | | | | | |
| Mississippi | 6,211 | 13 | 10 | 9 | 3 | 35 | 5.64 | 7 | | | | | | | | | |
| Missouri | 10,770 | 111 | 75 | 40 | 92 | 318 | 29.53 | 135 | | | | | | | | | |
| Montana | 2,104 | 14 | 39 | 6 | 13 | 72 | 34.22 | 24 | | | | | | | | | |
| Nebraska | 5,158 | 20 | 22 | 14 | 27 | 83 | 16.09 | 42 | | | | | | | | | |
| Nevada | 7,721 | 78 | 39 | 54 | 43 | 214 | 27.72 | 82 | | | | | | | | | |
| New Hampshire | 2,780 | 7 | 6 | 8 | 18 | 39 | 14.03 | 22 | | | | | | | | | |
| New Jersey | 17,656 | 110 | 69 | 97 | 97 | 373 | 21.13 | 143 | | | | | | | | | |
| New Mexico | 3,027 | 46 | 29 | 22 | 27 | 124 | 40.96 | 39 | | | | | | | | | |
| New York | 27,113 | 202 | 134 | 103 | 114 | 553 | 20.40 | 191 | | | | | | | | | |
| North Carolina | 16,517 | 62 | 34 | 41 | 49 | 186 | 11.26 | 71 | | | | | | | | | |
| North Dakota | 2,257 | 31 | 22 | 5 | 36 | 94 | 41.65 | 37 | | | | | | | | | |
| Ohio | 20,349 | 179 | 170 | 174 | 171 | 694 | 34.10 | 360 | | | | | | | | | |
| Oklahoma | 7,074 | 23 | 40 | 23 | 20 | 106 | 14.98 | 29 | | | | | | | | | |
| Oregon | 8,019 | 85 | 49 | 41 | 26 | 201 | 25.07 | 49 | | | | | | | | | |
| Pennsylvania | 22,781 | 207 | 140 | 114 | 125 | 586 | 25.72 | 253 | | | | | | | | | |
| Puerto Rico | 5,340 | 4 | 2 | 1 | 7 | 14 | 2.62 | 4 | | | | | | | | | |
| Rhode Island | 2,185 | 17 | 10 | 14 | 13 | 54 | 24.71 | 26 | | | | | | | | | |
| South Carolina | 9,045 | 46 | 43 | 25 | 27 | 141 | 15.59 | 42 | | | | | | | | | |
| South Dakota | 2,080 | 7 | 2 | 2 | 5 | 16 | 7.69 | 6 | | | | | | | | | |
| Tennessee | 12,180 | 41 | 24 | 26 | 35 | 126 | 10.34 | 47 | | | | | | | | | |
| Texas | 46,835 | 272 | 186 | 234 | 279 | 971 | 20.73 | 409 | | | | | | | | | |
| Utah | 3,270 | 46 | 22 | 28 | 25 | 121 | 37.00 | 40 | | | | | | | | | |
| Vermont | 1,180 | 10 | 2 | 2 | 2 | 16 | 13.56 | 2 | | | | | | | | | |
| Virginia | 14,976 | 48 | 49 | 36 | 48 | 181 | 12.09 | 55 | | | | | | | | | |
| Washington | 10,490 | 168 | 94 | 91 | 92 | 445 | 42.42 | 154 | | | | | | | | | |
| West Virginia | 4,780 | 13 | 3 | 7 | 8 | 31 | 6.49 | 11 | | | | | | | | | |
| Wisconsin | 5,834 | 133 | 36 | 34 | 49 | 252 | 43.20 | 85 | | | | | | | | | |
| Wyoming | 1,407 | 10 | 9 | 4 | 3 | 26 | 18.48 | 5 | | | | | | | | | |
| | | | | | | | | Job Postings in the Top 50 Metropolitan Statistical Areas (MSAs) | | | | | | | | | |
| | | | | | | | | 2019 | | | | 2020 | | | | | |
| | | | | | | | | Full Year | | | | Quarter 1 | | | | | |
| Metro Area | | | Job Postings | | | Location Quotient | | | Metro Area | | | Job Postings | | | Location Quotient | | |
| New York-Newark-Jersey City, NY-NJ-PA | | | 625 | | | Lower than National Average | | | Los Angeles-Long Beach-Anaheim, CA | | | 250 | | | Similar to National Average | | |
| Los Angeles-Long Beach-Anaheim, CA | | | 615 | | | Similar to National Average | | | New York-Newark-Jersey City, NY-NJ-PA | | | 228 | | | Lower than National Average | | |
| Chicago-Naperville-Elgin, IL-IN-WI | | | 599 | | | Higher than National Average | | | Chicago-Naperville-Elgin, IL-IN-WI | | | 164 | | | Similar to National Average | | |
| San Francisco-Oakland-Hayward, CA | | | 411 | | | Much Higher than National Average | | | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | | | 146 | | | Higher than National Average | | |
| Phoenix-Mesa-Scottsdale, AZ | | | 397 | | | Much Higher than National Average | | | Cleveland-Elyria, OH | | | 140 | | | Much Higher than National Average | | |
| Miami-Fort Lauderdale-West Palm Beach, FL | | | 395 | | | Much Higher than National Average | | | San Francisco-Oakland-Hayward, CA | | | 138 | | | Much Higher than National Average | | |
| Seattle-Tacoma-Bellevue, WA | | | 294 | | | Higher than National Average | | | Phoenix-Mesa-Scottsdale, AZ | | | 138 | | | Much Higher than National Average | | |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | | | 292 | | | Similar to National Average | | | Miami-Fort Lauderdale-West Palm Beach, FL | | | 136 | | | Higher than National Average | | |
| Sacramento-Roseville-Arden-Arcade, CA | | | 291 | | | Much Higher than National Average | | | Dallas-Fort Worth-Arlington, TX | | | 115 | | | Similar to National Average | | |
| Houston-The Woodlands-Sugar Land, TX | | | 285 | | | Similar to National Average | | | San Diego-Carlsbad, CA | | | 114 | | | Much Higher than National Average | | |
| Dallas-Fort Worth-Arlington, TX | | | 284 | | | Lower than National Average | | | Seattle-Tacoma-Bellevue, WA | | | 113 | | | Much Higher than National Average | | |
| San Diego-Carlsbad, CA | | | 280 | | | Much Higher than National Average | | | Sacramento-Roseville-Arden-Arcade, CA | | | 112 | | | Much Higher than National Average | | |
| Detroit-Warren-Dearborn, MI | | | 250 | | | Higher than National Average | | | Atlanta-Sandy Springs-Roswell, GA | | | 97 | | | Similar to National Average | | |
| Riverside-San Bernardino-Ontario, CA | | | 205 | | | Higher than National Average | | | St. Louis, MO-IL | | | 94 | | | Much Higher than National Average | | |
| Boston-Cambridge-Nashua, MA-NH | | | 203 | | | Lower than National Average | | | Houston-The Woodlands-Sugar Land, TX | | | 90 | | | Lower than National Average | | |
| Atlanta-Sandy Springs-Roswell, GA | | | 201 | | | Lower than National Average | | | Detroit-Warren-Dearborn, MI | | | 90 | | | Higher than National Average | | |
| Cincinnati, OH-KY-IN | | | 173 | | | Much Higher than National Average | | | Orlando-Kissimmee-Sanford, FL | | | 86 | | | Much Higher than National Average | | |
| St. Louis, MO-IL | | | 171 | | | Higher than National Average | | | Boston-Cambridge-Nashua, MA-NH | | | 77 | | | Lower than National Average | | |
| Orlando-Kissimmee-Sanford, FL | | | 171 | | | Higher than National Average | | | Denver-Aurora-Lakewood, CO | | | 67 | | | Higher than National Average | | |
| Denver-Aurora-Lakewood, CO | | | 171 | | | Similar to National Average | | | Baltimore-Columbia-Towson, MD | | | 63 | | | Higher than National Average | | |
| Kansas City, MO-KS | | | 170 | | | Much Higher than National Average | | | San Antonio-New Braunfels, TX | | | 60 | | | Much Higher than National Average | | |
| Minneapolis-St. Paul-Bloomington, MN-WI | | | 167 | | | Similar to National Average | | | Pittsburgh, PA | | | 60 | | | Higher than National Average | | |
| Baltimore-Columbia-Towson, MD | | | 161 | | | Similar to National Average | | | Cincinnati, OH-KY-IN | | | 59 | | | Much Higher than National Average | | |
| Cleveland-Elyria, OH | | | 154 | | | Higher than National Average | | | Riverside-San Bernardino-Ontario, CA | | | 56 | | | Similar to National Average | | |
| Tampa-St. Petersburg-Clearwater, FL | | | 153 | | | Similar to National Average | | | Milwaukee-Waukesha-West Allis, WI | | | 51 | | | Much Higher than National Average | | |
| Pittsburgh, PA | | | 149 | | | Higher than National Average | | | Las Vegas-Henderson-Paradise, NV | | | 51 | | | Higher than National Average | | |
| Las Vegas-Henderson-Paradise, NV | | | 145 | | | Higher than National Average | | | Austin-Round Rock, TX | | | 51 | | | Higher than National Average | | |
| Milwaukee-Waukesha-West Allis, WI | | | 127 | | | Higher than National Average | | | Tampa-St. Petersburg-Clearwater, FL | | | 49 | | | Similar to National Average | | |
| San Antonio-New Braunfels, TX | | | 126 | | | Higher than National Average | | | Minneapolis-St. Paul-Bloomington, MN-WI | | | 45 | | | Much Lower than National Average | | |
| Portland-Vancouver-Hillsboro, OR-WA | | | 119 | | | Similar to National Average | | | Louisville/Jefferson County, KY-IN | | | 44 | | | Much Higher than National Average | | |
| New Haven, CT | | | 119 | | | Much Higher than National Average | | | Kansas City, MO-KS | | | 39 | | | Similar to National Average | | |
| Louisville/Jefferson County, KY-IN | | | 113 | | | Much Higher than National Average | | | New Haven, CT | | | 38 | | | Much Higher than National Average | | |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | | | 104 | | | Much Lower than National Average | | | Fresno, CA | | | 36 | | | Much Higher than National Average | | |
| Fresno, CA | | | 104 | | | Much Higher than National Average | | | Baton Rouge, LA | | | 36 | | | Much Higher than National Average | | |
| Columbus, OH | | | 104 | | | Similar to National Average | | | Ann Arbor, MI | | | 34 | | | Much Higher than National Average | | |
| San Jose-Sunnyvale-Santa Clara, CA | | | 97 | | | Similar to National Average | | | Salt Lake City, UT | | | 33 | | | Higher than National Average | | |
| Indianapolis-Carmel-Anderson, IN | | | 93 | | | Similar to National Average | | | Dayton, OH | | | 33 | | | Much Higher than National Average | | |
| Salt Lake City, UT | | | 80 | | | Similar to National Average | | | Columbus, OH | | | 32 | | | Similar to National Average | | |
| Dayton, OH | | | 74 | | | Much Higher than National Average | | | Akron, OH | | | 32 | | | Much Higher than National Average | | |
| Austin-Round Rock, TX | | | 72 | | | Lower than National Average | | | Buffalo-Cheektowaga-Niagara Falls, NY | | | 30 | | | Higher than National Average | | |
| New Orleans-Metairie, LA | | | 69 | | | Similar to National Average | | | Reno, NV | | | 28 | | | Much Higher than National Average | | |
| Virginia Beach-Norfolk-Newport News, VA-NC | | | 68 | | | Similar to National Average | | | Hartford-West Hartford-East Hartford, CT | | | 28 | | | Higher than National Average | | |
| Nashville-Davidson--Murfreesboro--Franklin, TN | | | 68 | | | Lower than National Average | | | Bakersfield, CA | | | 28 | | | Much Higher than National Average | | |
| Providence-Warwick, RI-MA | | | 67 | | | Similar to National Average | | | Washington-Arlington-Alexandria, DC-VA-MD-WV | | | 27 | | | Much Lower than National Average | | |
| Ann Arbor, MI | | | 67 | | | Much Higher than National Average | | | San Jose-Sunnyvale-Santa Clara, CA | | | 27 | | | Lower than National Average | | |
| Omaha-Council Bluffs, NE-IA | | | 64 | | | Higher than National Average | | | New Orleans-Metairie, LA | | | 27 | | | Higher than National Average | | |
| Bakersfield, CA | | | 64 | | | Much Higher than National Average | | | Providence-Warwick, RI-MA | | | 26 | | | Similar to National Average | | |
| Santa Rosa, CA | | | 63 | | | Much Higher than National Average | | | Albuquerque, NM | | | 26 | | | Much Higher than National Average | | |
| Hartford-West Hartford-East Hartford, CT | | | 61 | | | Similar to National Average | | | Portland-Vancouver-Hillsboro, OR-WA | | | 24 | | | Much Lower than National Average | | |
| Albuquerque, NM | | | 61 | | | Much Higher than National Average | | | Indianapolis-Carmel-Anderson, IN | | | 24 | | | Lower than National Average | | |