Oregon’s Pharmacy Workforce
Based on data collected during 2016 and 2017

These fact sheets provide a snapshot of the state’s pharmacy workforce using data collected by the Oregon Health Authority in collaboration with the Oregon Board of Pharmacy.

The mission of the Oregon State Board of Pharmacy is to promote, preserve and protect the public health, safety and welfare by ensuring high standards in the practice of pharmacy and by regulating the quality, manufacture, sale and distribution of drugs.

The board regulates the practice of pharmacy and enforces laws regarding pharmacists, pharmacy technicians, drug outlets and the sale of drugs in Oregon. By licensing pharmacists, it ensures that only qualified people practice pharmacy in Oregon. The board registers and inspects retail and hospital pharmacies and stores that sell over-the-counter drugs. It also registers and inspects drug wholesalers and manufacturers, and regulates the quality and distribution of all drugs in Oregon.

Workforce data were collected for pharmacists (RPH) and certified pharmacy technicians (CPHT) and are presented as individual occupational profiles.

If you would like more information about the Oregon Board of Pharmacy, please visit: https://www.oregon.gov/pharmacy
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Pharmacists (RPH)

Oregon’s RPH supply over time

<table>
<thead>
<tr>
<th>Year</th>
<th>Licensed RPHs</th>
<th>Estimated working RPHs</th>
<th>Estimated RPH direct patient care FTE</th>
</tr>
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<tr>
<td>2010</td>
<td>5,665</td>
<td>4,165</td>
<td>2,861</td>
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<tr>
<td>2012</td>
<td>5,799</td>
<td>4,073</td>
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<tr>
<td>2014</td>
<td>7,511</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>7,723</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td></td>
<td></td>
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</table>

All subsequent data presented are from RPHs who held an active license as of January 2018 and were actively practicing in Oregon at the time of Health Care Workforce Survey completion (n=3,791).

Workforce demographics

Age

- <35: 28.9%
- 35-54: 49.3%
- 55-64: 15.7%
- 65+: 6.1%

Gender

- Male: 43.0%
- Female: 57.0%

Race and ethnicity — workforce compared with population†

- Hispanic/Latino: 2.7%
- Black/African American: 1.3%
- American Indian/Alaska Native: 0.5%
- Asian: 19.8%
- Native Hawaiian/Pacific Islander: 0.3%
- Other race: 1.1%
- Multi-racial: 2.3%

12.4% of workforce declined to answer or data is missing for race and ethnicity.

Estimated population-to-provider ratio *

Lower value & lighter color is better

* Estimated population-to-provider ratio is calculated as estimated working RPHs divided by estimated population.
† Race and ethnicity — workforce compared with population includes those with a known race and ethnicity.

Office of Health Analytics
Pharmacists (RPH)

How RPHs spend their time

On average, RPHs spend 67.3% of their time in direct patient care.

Practice plans in the next two years

Maintain practice hours as is 80.0%
Reduce practice hours 6.1%
Leave the OR workforce † 5.6%
Move to another practice location in OR 3.7%
Increase practice hours 3.4%
Other 1.2%

Number of years licensed in Oregon

- 35.0% <6
- 18.0% 6-10
- 19.7% 11-20
- 14.9% 21-30
- 12.4% 31+

Practice settings and specialties

Top 5 practice settings

- Chain community pharmacy, 38.5%
- Hospital pharmacy, 27.6%
- Independent community pharmacy, 5.9%
- County or community health, 3.0%
- Skilled nursing facility/long term care, 2.4%

Top 5 specialties

- General pharmacy practice, 64.5%
- Pharmacotherapy, 5.3%
- MTM/collaborative therapy, 3.3%
- Oncology, 3.1%
- Diabetes, 2.7%
Certified pharmacy technicians (CPHT)

Oregon’s CPHT supply

- 2010: 5,005
- 2012: 5,185
- 2014: 5,774
- 2016: 5,924
- 2018: 6,683

Licensed CPHTs
Estimated working CPHTs
Estimated CPHT direct patient care FTE

2010: 2,390
2012: 2,670

Workforce demographics

- Age:
  - <35: 40.2%
  - 35-54: 44.8%
  - 55-64: 13.2%
  - 65+: 1.8%

- Gender:
  - Male: 19.5%
  - Female: 80.5%

Race and ethnicity — workforce compared with population

- Hispanic/Latino: 8.0%
- Black/African American: 1.0%
- American Indian/Alaska Native: 1.0%
- Asian: 7.3%
- Native Hawaiian/Pacific Islander: 1.1%
- Other race: 0.3%
- Multi-racial: 2.8%

White: 78.6%

12.0% of workforce declined to answer or data is missing for race and ethnicity.

All subsequent data presented are from CPHTs who held an active license as of January 2018 and were actively practicing in Oregon at the time of Health Care Workforce Survey completion (n=4,892).
Certified pharmacy technicians (CPHT)

Workforce supply

CPHTs work an average of 36.3 hours per week. 69.3% of CPHTs work at least 40 hours each week.

How CPHTs spend their time

On average, CPHTs spend 51.8% of their time in direct patient care.

- Direct patient care: 51.8%
- Management: 9.7%
- Teaching: 7.9%
- Research: 3.5%
- Other: 27.1%

Practice plans in the next two years

- Maintain practice hours as is: 79.6%
- Leave the OR workforce: 5.8%
- Increase practice hours: 5.4%
- Move to another practice location in OR: 4.1%
- Reduce practice hours: 3.5%
- Other: 1.6%

Number of years licensed in Oregon

- <6: 43.8%
- 6-10: 56.2%

Practice settings and specialties

Top 5 practice settings

1. Chain community pharmacy, 43.4%
2. Hospital pharmacy, 19.6%
3. Independent community pharmacy, 6.6%
4. Skilled nursing facility/long term care, 6.3%
5. Mail order, 5.9%
Footnotes:

* Ratio based on total estimated direct patient care FTE in county.
† Licensees who did not report race and ethnicity data are excluded from the charts. Racial categories exclude Hispanic.
‡ Leave the Oregon workforce includes those planning to retire, move to practice out of state, or leave the occupation.
§ CPHTs were licensed in Oregon beginning in 2006.

Accessibility:

You can get this document in other languages, large print, braille, or a format you prefer. Contact the Oregon Health Authority Director’s Office at 503-947-2340 or OHA.DirectorsOffice@state.or.us.

About these fact sheets:

The Health Care Workforce Reporting Program (HWRP) collects workforce-related information directly from health care professionals via a questionnaire embedded in the license renewal process. Data reported in this fact sheet were collected during a two-year period (2016-2017). Health care professionals with a completed survey during this time period and an active license in January 2018 were included in this report. Please refer to the HWRP’s General Methods documentation on the website for further details.

For more information about methodology and results, visit:

https://www.oregon.gov/oha/hpa/analytics/Pages/Health-Care-Workforce-Reporting.aspx

For questions about this report, contact:

Health Care Workforce Reporting Program
Research and Data
Oregon Health Authority
Wkfc.Admin@dhsoha.state.or.us
971-283-8792
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Additional data sources:


Suggested Citation:

## Appendix A: Estimated count, FTE in direct patient care, and population-to-provider FTE ratio by county

<table>
<thead>
<tr>
<th>County</th>
<th>Population</th>
<th>Estimated Count</th>
<th>Est. Patient Care FTE</th>
<th>Pop-to-Prov Ratio</th>
<th>Estimated Count</th>
<th>Est. Patient Care FTE</th>
<th>Pop-to-Prov Ratio</th>
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</table>

Note: Circles indicate whether county has no providers (red) or is above (yellow) or below (green) the statewide ratio by 50%.

Population-to-provider ratios are based on the estimated patient care FTE in the county. Values greater than the county population are due to less than 1.0 FTE in county.