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# Healthcare Workforce & Educational Program Evaluation

Presentation to the House Committee on Veterans and Emergency Preparedness

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# Study Overview

Oregonians for Rural Health contracted with the Oregon Center for Nursing to conduct an evaluation of the nursing and allied healthcare workforce across Oregon to understand:

- How many people are currently in the selected occupations?
- What is the current and projected need for these occupations?
- Where can Oregonians get educated for these occupations today?

# Selected Occupations

- Registered Nurses
- Nurse Practitioners
- Physical Therapists
- Radiologic Technologists
- Medical Clinical Laboratory Technologists
- Mental Health Counselors
- Mental Health / Substance Abuse Social Workers

# Data Sources

Analysis based on Oregon Employment Department's nine regions

- OED Employment Projections (includes employment projections from 2017-2027)
- OED Job Opening Survey
- Educational Institutions
- Licensing Boards

# OED Regions

OED Region	Counties
East Cascades	Crook, Deschutes, Gilliam, Hood River, Jefferson, Klamath, Lake, Sherman, Wasco, & Wheeler
Eastern Oregon	Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, & Wallowa
Lane	Lane
Mid-Valley	Linn, Marion, Polk, & Yamhill
Northwest Oregon	Benton, Clatsop, Columbia, Lincoln, & Tillamook
Portland Tri-County	Clackamas, Multnomah & Washington
Rogue Valley	Jackson & Josephine
Southwestern Oregon	Coos, Curry, & Douglas

# Current Employment

Occupation	2017 Employment
Registered Nurses	37,353
Nurse Practitioners	1,762
Physical Therapists	3,052
Radiologic Technologists	2,254
Medical Clinical Laboratory Technologists	2,281
Mental Health Counselors	3,158
MHSA Social Workers	2,304

# Regions with a Deficit of Healthcare Workers

Occupation	Regions
Registered Nurses	Clackamas, Eastern, Mid-Valley, Northwest, & Southwestern
Nurse Practitioners	East Cascades & Mid-Valley
Physical Therapists	Mid-Valley
Radiologic Technologists	Mid-Valley
Medical Clinical Laboratory Technologists	Eastern, Mid-Valley, Northwest, & Southwestern
Mental Health Counselors	Mid-Valley, Northwest, & Rogue Valley
MHSA Social Workers	Eastern & Northwest

# How is Need Demonstrated?

- 2017-2027 Growth Determined by the Oregon Employment Department
- Job Openings
- Competitiveness of schools (e.g., number of seats)



# Projected Need

Occupation	2017 Employment	2027 Employment	Total Openings	Openings Due to Growth	Openings Due to Attrition
Registered Nurses	37,353	43,600	26,635	6,247	20,388
Nurse Practitioners	1,762	2,376	1,608	614	994
Physical Therapists	3,052	3,885	2,222	833	1,389
Radiologic Tech	2,254	2,551	1,517	297	1,220
Med Clinic Lab Tech	2,281	2,521	1,693	240	1,453
MH Counselors	3,158	3,715	4,068	557	3,511
MHSA Social Workers	2,304	2,684	2,861	380	2,481

# Annualized Projected Need

Occupation	Annualized Openings	Openings Due to Growth	Openings Due to Attrition
Registered Nurses	2,664	628	2,039
Nurse Practitioners	161	61	99
Physical Therapists	222	83	139
Radiologic Tech	152	30	122
Med Clinic Lab Tech	169	24	145
MH Counselors	407	58	351
MHSA Social Workers	286	38	248

# Median Job Opening Ranking

Occupation	Median Ranking
Registered Nurses	1
Nurse Practitioners	11
Physical Therapists	4
Radiologic Technologists	7
Medical Clinical Laboratory Technologists	35
Mental Health Counselors	11
MHSA Social Workers	9

# Number of Regions with a Top 10 Ranking

Occupation	No. Regions
Registered Nurses	8
Nurse Practitioners	3
Physical Therapists	8
Radiologic Technologists	7
Medical Clinical Laboratory Technologists	0
Mental Health Counselors	4
MHSA Social Workers	3

Note: There are eight OED regions

# Education Programs

Program	No. of Schools	No. Admitted	No. of Applicants	Acceptance Rate
Registered Nurse	23	1,740	7,876	22%
BSN Programs	6	996	4,915	20%
RN to BSN Programs	2	109	109	100%
ADN Programs	17	635	2,852	22%
Nurse Practitioner*	4	29	81	36%
Physical Therapist	2	94	1,645	6%
Radiologic Technologists	1	48	100	48%
Med Clinic Lab Tech**	1	50	82	61%
Mental Health Counselor	11	291	1,172	25%
MHSA Social Worker	4	368	810	35%

\*NP – OHSU has two programs (APRN and DNP)

\*\*MHC – George Fox Univ has two programs (MA and PsyD)

# Can the Projected Need be Met?

<b>Occupation</b>	<b>Annualized Openings</b>	<b>No. of Graduates</b>
Registered Nurses	2,664	1,570
Nurse Practitioners	161	89
Physical Therapists	222	92
Radiologic Tech	152	45
Med Clinic Lab Tech	169	47
MH Counselors	407	166
MHSA Social Workers	286	313

# Location of Education Programs

Program	No. of Schools	No. in Portland Metro	No. in Willamette Valley	No. in Rest of State
Registered Nurse	6	6	0	0
*OHSU		1	1	3
Nurse Practitioner	2	2	0	0
Physical Therapist	2	2	0	0
Radiologic Technologists	1	0	0	1
Med Clinic Lab Tech	1	1	0	0
Mental Health Counselor	11	6	4	1
MHSA Social Worker	4	3	1	0

Note: RN – Only BSN program schools are counted. OHSU has four satellite campuses; Ashland, Klamath Falls, La Grande, and Monmouth, plus the main campus in Portland. OHSU enrollment figures are aggregated across all campuses. NP – OHSU has two programs (APRN and DNP); MHC – George Fox Univ has two programs (MA and PsyD)

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