

A SOC-O*NET occupation

29-1141.00

Registered Nurses
Includes 5 RN specialties

USAJOBS

Saved JAAT assignments
80,562 RN postings
5 eligible RN specialties
Full assembled corpus
2017–March 2026
All postings: weight 1
Square-root RCA
Cosine similarity

B Posting-task model

TaskMatch

Contribution

18008

0.83%

Develop, implement, or evaluate standards of nursing practice in specialty area, ...

16035

0.77%

Maintain knowledge of current events and trends in such areas as ...

20418

0.76%

Lead nursing department implementation of, or compliance with, regulatory ...

3 of 1,711 shared task IDs shown

Mean cosine: 0.38

Shown tasks: 2.36% of similarity

Bold: Not a task O*NET assigns to origin occupation

C Posting-task top 5

- 1 Nurse Practitioners
29-1171
SST4
- 2 Licensed Practical / Vocational Nurses
29-2061
SST7
- 3 **Medical and Health Services Managers**
11-9111
SST1
- 4 Nursing Instructors and Teachers, Postsecondary
25-1072
SST10
- 5 Occupational Therapy Aides
31-2012

D O*NET top 5

- 1 Nurse Practitioners
29-1171
SST4
- 2 Nurse Midwives
29-1161
- 3 Licensed Practical / Vocational Nurses
29-2061
SST7
- 4 Family Medicine Physicians
29-1062
- 5 Nursing Assistants
31-1014
SST15

E O*NET model 27 RN tasks → 37 DWAs (O*NET 30.0)

Task/DWA text + title + knowledge-profile similarity; expert review

F Posting-task allocation

Outside O*NET's
DWA assignments

87%

SOC 6

75%

SOC 4

68%

SOC 2

G Mean recovery

	SST	EMSI
O*NET lists	11%	19%
Posting tasks	12%	19%
Tasks → DWAs	12%	19%

H Recovery by origin

	Posting tasks	O*NET	Equal	Mixed
SST 251/428	59	41		
EMSI 110/261	42	36	22	
Unique 231/453	51	37		11