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Patient Volume-based Staffing Matrix Formula Template

Minimum means the minimum number of RNs, LPNs, CNAs, and UAPs per shift based on the average needs of the unit such as patient acuity, staff skill level, and patient care activities. If a unit does not utilize certain staff for that shift please put "0", do not leave it blank.

| Unit/ Clinic Name: | | Medical Surgical Unit | | | | | | | | | |
|---------------------------|------------|--|---------------|--------------------|----------------|----------------|------------------|-------------------|-------------------|-------------------|--|
| Unit/ Clinic Type: | | Inpatient Services | | | | | | | | | |
| Unit/ Clinic Address: | | 17700 SE 272nd St. Covington, WA 98042 | | | | | | | | | |
| Average Daily Census: | | 20 | | Maximum # of Beds: | | | | 24 | | | |
| Effective as of: | | 1/1/2025 | | | | | | | | | |
| Census | | | | | | | | | | | |
| Please select metric type | Shift Type | Shift Length in Hours | Min # of RN's | Min # of LPN's | Min # of CNA's | Min # of UAP's | Min # of RN HPUS | Min # of LPN HPUS | Min # of CNA HPUS | Min # of UAP HPUS | Total Minimum Direct Pt. Care HPUS (hours per unit of service) |
| 24 | Day | 12.00 | 5.00 | 0.00 | 2.00 | 0.00 | 2.50 | 0.00 | 1.00 | 0.00 | 7.00 |
| | Night | 12.00 | 5.00 | 0.00 | 2.00 | 0.00 | 2.50 | 0.00 | 1.00 | 0.00 | |
| 24 | Day | 12.00 | 4.00 | 0.00 | 3.00 | 0.00 | 2.00 | 0.00 | 1.50 | 0.00 | 7.00 |
| | Night | 12.00 | 4.00 | 0.00 | 3.00 | 0.00 | 2.00 | 0.00 | 1.50 | 0.00 | |
| 23 | Day | 12.00 | 5.00 | 0.00 | 2.00 | 0.00 | 2.61 | 0.00 | 1.04 | 0.00 | 7.30 |
| | Night | 12.00 | 5.00 | 0.00 | 2.00 | 0.00 | 2.61 | 0.00 | 1.04 | 0.00 | |
| 23 | Day | 12.00 | 4.00 | 0.00 | 3.00 | 0.00 | 2.09 | 0.00 | 1.57 | 0.00 | 7.30 |
| | Night | 12.00 | 4.00 | 0.00 | 3.00 | 0.00 | 2.09 | 0.00 | 1.57 | 0.00 | |
| 22 | Day | 12.00 | 5.00 | 0.00 | 1.00 | 0.00 | 2.73 | 0.00 | 0.55 | 0.00 | 6.55 |
| | Night | 12.00 | 5.00 | 0.00 | 1.00 | 0.00 | 2.73 | 0.00 | 0.55 | 0.00 | |
| 22 | Day | 12.00 | 4.00 | 0.00 | 2.00 | 0.00 | 2.18 | 0.00 | 1.09 | 0.00 | 6.55 |
| | Night | 12.00 | 4.00 | 0.00 | 2.00 | 0.00 | 2.18 | 0.00 | 1.09 | 0.00 | |
| 21 | Day | 12.00 | 5.00 | 0.00 | 1.00 | 0.00 | 2.86 | 0.00 | 0.57 | 0.00 | 7.43 |
| | Night | 12.00 | 5.00 | 0.00 | 2.00 | 0.00 | 2.86 | 0.00 | 1.14 | 0.00 | |
| 21 | Day | 12.00 | 4.00 | 0.00 | 1.00 | 0.00 | 2.29 | 0.00 | 0.57 | 0.00 | 6.29 |
| | Night | 12.00 | 4.00 | 0.00 | 2.00 | 0.00 | 2.29 | 0.00 | 1.14 | 0.00 | |
| 20 | Day | 12.00 | 5.00 | 0.00 | 1.00 | 0.00 | 3.00 | 0.00 | 0.60 | 0.00 | 7.20 |
| | Night | 12.00 | 5.00 | 0.00 | 1.00 | 0.00 | 3.00 | 0.00 | 0.60 | 0.00 | |
| 20 | Day | 12.00 | 4.00 | 0.00 | 2.00 | 0.00 | 2.40 | 0.00 | 1.20 | 0.00 | 7.20 |
| | Night | 12.00 | 4.00 | 0.00 | 2.00 | 0.00 | 2.40 | 0.00 | 1.20 | 0.00 | |
| 19 | Day | 12.00 | 5.00 | 0.00 | 1.00 | 0.00 | 3.16 | 0.00 | 0.63 | 0.00 | 7.58 |
| | Night | 12.00 | 5.00 | 0.00 | 1.00 | 0.00 | 3.16 | 0.00 | 0.63 | 0.00 | |
| 19 | Day | 12.00 | 4.00 | 0.00 | 2.00 | 0.00 | 2.53 | 0.00 | 1.26 | 0.00 | 7.58 |
| | Night | 12.00 | 4.00 | 0.00 | 2.00 | 0.00 | 2.53 | 0.00 | 1.26 | 0.00 | |
| 18 | Day | 12.00 | 4.00 | 0.00 | 1.00 | 0.00 | 2.67 | 0.00 | 0.67 | 0.00 | 6.67 |
| | Night | 12.00 | 4.00 | 0.00 | 1.00 | 0.00 | 2.67 | 0.00 | 0.67 | 0.00 | |
| 18 | Day | 12.00 | 3.00 | 0.00 | 2.00 | 0.00 | 2.00 | 0.00 | 1.33 | 0.00 | 6.67 |
| | Night | 12.00 | 3.00 | 0.00 | 2.00 | 0.00 | 2.00 | 0.00 | 1.33 | 0.00 | |
| 17 | Day | 12.00 | 4.00 | 0.00 | 1.00 | 0.00 | 2.82 | 0.00 | 0.71 | 0.00 | 7.06 |
| | Night | 12.00 | 4.00 | 0.00 | 1.00 | 0.00 | 2.82 | 0.00 | 0.71 | 0.00 | |
| 17 | Day | 12.00 | 3.00 | 0.00 | 2.00 | 0.00 | 2.12 | 0.00 | 1.41 | 0.00 | 7.06 |
| | Night | 12.00 | 3.00 | 0.00 | 2.00 | 0.00 | 2.12 | 0.00 | 1.41 | 0.00 | |
| 16 | Day | 12.00 | 4.00 | 0.00 | 1.00 | 0.00 | 3.00 | 0.00 | 0.75 | 0.00 | 7.50 |
| | Night | 12.00 | 4.00 | 0.00 | 1.00 | 0.00 | 3.00 | 0.00 | 0.75 | 0.00 | |

| | | | | | | | | | | | |
|----|-------|-------|------|------|------|------|-------|------|-------|------|-------|
| 16 | Day | 12.00 | 3.00 | 0.00 | 2.00 | 0.00 | 2.25 | 0.00 | 1.50 | 0.00 | 7.50 |
| | Night | 12.00 | 3.00 | 0.00 | 2.00 | 0.00 | 2.25 | 0.00 | 1.50 | 0.00 | |
| 15 | Day | 12.00 | 3.00 | 0.00 | 1.00 | 0.00 | 2.40 | 0.00 | 0.80 | 0.00 | 6.40 |
| | Night | 12.00 | 3.00 | 0.00 | 1.00 | 0.00 | 2.40 | 0.00 | 0.80 | 0.00 | |
| 14 | Day | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 2.57 | 0.00 | 0.00 | 0.00 | 5.14 |
| | Night | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 2.57 | 0.00 | 0.00 | 0.00 | |
| 13 | Day | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 2.77 | 0.00 | 0.00 | 0.00 | 5.54 |
| | Night | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 2.77 | 0.00 | 0.00 | 0.00 | |
| 12 | Day | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.00 | 0.00 | 0.00 | 6.00 |
| | Night | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.00 | 0.00 | 0.00 | |
| 12 | Day | 12.00 | 2.00 | 0.00 | 1.00 | 0.00 | 2.00 | 0.00 | 1.00 | 0.00 | 6.00 |
| | Night | 12.00 | 2.00 | 0.00 | 1.00 | 0.00 | 2.00 | 0.00 | 1.00 | 0.00 | |
| 11 | Day | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.27 | 0.00 | 0.00 | 0.00 | 6.55 |
| | Night | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.27 | 0.00 | 0.00 | 0.00 | |
| 11 | Day | 12.00 | 2.00 | 0.00 | 1.00 | 0.00 | 2.18 | 0.00 | 1.09 | 0.00 | 6.55 |
| | Night | 12.00 | 2.00 | 0.00 | 1.00 | 0.00 | 2.18 | 0.00 | 1.09 | 0.00 | |
| 10 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.40 | 0.00 | 0.00 | 0.00 | 4.80 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.40 | 0.00 | 0.00 | 0.00 | |
| 9 | Day | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 4.00 | 0.00 | 0.00 | 0.00 | 8.00 |
| | Night | 12.00 | 3.00 | 0.00 | 0.00 | 0.00 | 4.00 | 0.00 | 0.00 | 0.00 | |
| 8 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.00 | #REF! | 0.00 | #REF! |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.00 | 0.00 | 0.00 | |
| 7 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 3.43 | 0.00 | 0.00 | 0.00 | 6.86 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 3.43 | 0.00 | 0.00 | 0.00 | |
| 6 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 4.00 | 0.00 | 0.00 | 0.00 | 8.00 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 4.00 | 0.00 | 0.00 | 0.00 | |
| 5 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 4.80 | 0.00 | 0.00 | 0.00 | 9.60 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 4.80 | 0.00 | 0.00 | 0.00 | |
| 4 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 6.00 | 0.00 | 0.00 | 0.00 | 12.00 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 6.00 | 0.00 | 0.00 | 0.00 | |
| 3 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 8.00 | 0.00 | 0.00 | 0.00 | 16.00 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 8.00 | 0.00 | 0.00 | 0.00 | |
| 2 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 24.00 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | |
| 1 | Day | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 24.00 | 0.00 | 0.00 | 0.00 | 48.00 |
| | Night | 12.00 | 2.00 | 0.00 | 0.00 | 0.00 | 24.00 | 0.00 | 0.00 | 0.00 | |

Unit Information

Additional Care Team Members

| Occupation | Shift Coverage | | | |
|--------------|--------------------------------------|--|--------------------------------------|--|
| | Day | Evening | Night | Weekend |
| Charge Nurse | 24/7 | | | |
| HUC (UAP) | Varied, included in staffing plan as | Varied, included in staffing plan as UAP | Varied, included in staffing plan as | Varied, included in staffing plan as UAP |

Factors Considered in the Development of the Unit Staffing Plan (Check all that apply):

Activity such as patient admissions, discharges, and transfers

Description:

This unit experiences a high daily CHURN rate of admissions, discharges, and transfers.

Patient acuity level, intensity of care needs, and the type of care to be delivered on each shift

Description:
This unit specializes in post-surgical care, orthopedic care, medical telemetry, and medical management. This unit has the capability for 24 remote telemetry monitoring.

Skill mix

Description:
Varied additional certifications held by staff including ACLS, Chemo, CMSRN, ONC, CWON

Level of experience of nursing and patient care staff

Description:
Varied experience levels balanced on both day and night shift.

Need for specialized or intensive equipment

Description:

Architecture and geography of the unit such as placement of patient rooms, treatment areas, nursing stations, medication preparation areas, and equipment

Description:
This unit supports 24 adult care beds located on the third floor.

Other

Description:

1:1 behavioral and medical sitter needs