



DOH 346-154

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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:		Pulse Progressive Care Unit									
Unit/ Clinic Type:		Cardiovascular PCU									
Unit/ Clinic Address:		Deaconess 7 Tower 800 W 5th spokane, WA 99204									
Average Daily Census:		32					Maximum # of Beds:		34		
Effective as of:		1/1/2025									
Census											
Census	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)
34	7pm	12	9	0	4	0	3.18	0.00	1.41	0.00	9.18
	Nights (7pm-7am)	12	9	0	4	0	3.18	0.00	1.41	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
33	Day (7am-7pm)	12	9	0	4	0	3.27	0.00	1.45	0.00	9.45
	Nights (7pm-7am)	12	9	0	4	0	3.27	0.00	1.45	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
32	Day (7am-7pm)	12	9	0	4	0	3.38	0.00	1.50	0.00	9.75
	Nights (7pm-7am)	12	9	0	4	0	3.38	0.00	1.50	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
	Day (7am-7pm)	12	9	0	4	0	3.48	0.00	1.55	0.00	

31	Nights (7pm-7am)	12	9	0	4	0	3.48	0.00	1.55	0.00	10.06
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
30	Day (7am-7pm)	12	8	0	4	0	3.20	0.00	1.60	0.00	9.60
	Nights (7pm-7am)	12	8	0	4	0	3.20	0.00	1.60	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
29	Day (7am-7pm)	12	8	0	4	0	3.31	0.00	1.66	0.00	9.93
	Nights (7pm-7am)	12	8	0	4	0	3.31	0.00	1.66	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
28	Day (7am-7pm)	12	8	0	4	0	3.43	0.00	1.71	0.00	10.29
	Nights (7pm-7am)	12	8	0	4	0	3.43	0.00	1.71	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
27	Day (7am-7pm)	12	8	0	4	0	3.56	0.00	1.78	0.00	10.67
	Nights (7pm-7am)	12	8	0	4	0	3.56	0.00	1.78	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
	Day (7am-7pm)	12	7	0	3	0	3.23	0.00	1.38	0.00	
	Nights (7pm-7am)	12	7	0	3	0	3.23	0.00	1.38	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	



		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	10.29
20	Day (7am-7pm)	12	5	0	3	0	3.00	0.00	1.80	0.00	9.60
	Nights (7pm-7am)	12	5	0	3	0	3.00	0.00	1.80	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
19	Day (7am-7pm)	12	5	0	3	0	3.16	0.00	1.89	0.00	10.11
	Nights (7pm-7am)	12	5	0	3	0	3.16	0.00	1.89	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
18	Day (7am-7pm)	12	5	0	3	0	3.33	0.00	2.00	0.00	10.67
	Nights (7pm-7am)	12	5	0	3	0	3.33	0.00	2.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
17	Day (7am-7pm)	12	5	0	2	0	3.53	0.00	1.41	0.00	9.88
	Nights (7pm-7am)	12	5	0	2	0	3.53	0.00	1.41	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
16	Day (7am-7pm)	12	4	0	2	0	3.00	0.00	1.50	0.00	9.00
	Nights (7pm-7am)	12	4	0	2	0	3.00	0.00	1.50	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
	Day (7am-7pm)	12	4	0	2	0	3.20	0.00	1.60	0.00	

15	Nights (7pm-7am)	12	4	0	2	0	3.20	0.00	1.60	0.00	9.60
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
14	Day (7am-7pm)	12	4	0	2	0	3.43	0.00	1.71	0.00	10.29
	Nights (7pm-7am)	12	4	0	2	0	3.43	0.00	1.71	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
13	Day (7am-7pm)	12	4	0	2	0	3.69	0.00	1.85	0.00	11.08
	Nights (7pm-7am)	12	4	0	2	0	3.69	0.00	1.85	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
12	Day (7am-7pm)	12	3	0	2	0	1.06	0.00	0.71	0.00	3.53
	Nights (7pm-7am)	12	3	0	2	0	1.06	0.00	0.71	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
11	Day (7am-7pm)	11	3	0	1	0	3.00	0.00	1.00	0.00	8.00
	Nights (7pm-7am)	11	3	0	1	0	3.00	0.00	1.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
	Day (7am-7pm)	10	3	0	1	0	3.00	0.00	1.00	0.00	
	Nights (7pm-7am)	10	3	0	1	0	3.00	0.00	1.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0.00	0.00	0.00	0.00	





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**Unit Information**

Additional Care Team Members				
Occupation	Shift Coverage			
	Day	Evening	Night	Weekend
CNAM	x		x	
Charge	x		x	x
PT/OT/ST	x			
IV Therapy RN	x			
Flex	x			x
HUC	x			x
Providers	x	x	x	x
Manager	x			
Chaplain	x			
Dietary	x			
RR RN	x	x	x	x

**Unit Information**

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

- Activity such as patient admissions, discharges, and transfers

Description:

Admission: Progressive Care Unit is where patients can obtain specialized monitoring care that cannot be obtained on a general medical/surgical floor. All RN's must successfully complete ACLS within 90 days of employment. Routine vitals signs are monitored every four (4) hours. The major emphasis is on post ICU, PCU, cardiac, medical related pathology requiring telemetry monitoring, and post cardiac short stay unit patients. Admission to PCU 7 include direct and emergency admits, transfers in from other inhouse patient care departments, and routine admissions from the physicians office. Discharge: Discharge planning is initiated upon admission of the patient to a nursing unit. Physiologic state, level of self-care or independence from life support equipment of therapeutic measures, stable lab values, and reasonable coping ability of patient and family, will all be considered. If adequate levels on these areas are not met, social services and other ancillary departments will facilitate discharge via a discharge

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

Description:

See skill mix. PCU 7 is an acuity adaptable unit, depending on patient condition, ratio's may be 3:1 or 4:1.

- Skill mix

Description:

Patients admitted to PCU 7 include post-surgical, medical, and other unstable physiological conditions. Ratios are dependent upon patient acuity with a goal of consistent 4:1 assignments. Common admissions to PCU 7 are post procedure cardiac short stay or PACU patients such as post heart catheterization, pacemaker/ICD, ablation, TAVR's, vascular procedures and micro vascular patients. Patients with increased cardiac enzymes suggestive of an evolving myocardial infarction may stay on PCU 7 if stable. Drips not requiring frequent titration or continuous blood pressure monitor will be utilized on PCU 7. RN's are proficient in administering the following intravenous medications: Nitroglycerin, Diltiazem, Amiodarone, Furosemide, Lidocaine, Heparin, Argatroban, non-titrating Dopamine and Dobutamine. PCU 7 receives transfers from ICU, diagnoses include but are not limited to post cardiovascular surgery, post arrest and sepsis.

- Level of experience of nursing and patient care staff

Description:

BLS/ACLS, Annual Cardiac Rhythm assessment, Annual PCU Assessment, education by the Center associated with PCU population.

- Need for specialized or intensive equipment

Description:

PCU 7 will take patients on CPAP, BIPAP and high flow.

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

Description:

PCU 7 is a 34 bed unit with 30 private rooms and 4 semi-private rooms. All rooms have one bathroom. Patients admitted to PCU 7 with respiratory isolation should be placed in negative air pressure rooms. The following rooms are negative air pressure. 701, 702, 703, 729, 730, 731. Patients 707-716 are reserved for PCU patients needing closer monitoring due to higher acuity or post surgery. All rooms are equipped with oxygen and suction and have the capacity for telemetry monitoring. The unit is supported by Epic entry clinical documentation system. Individual computer workstations are in the central nurses station with wired workstations in each room. Staff facilities include a staff lockers room, conference room and 1 staff restroom. Family and visitor area include a waiting room and two public restrooms. Additional access to interpretive services is available including remote interpretive services available 24-hours a day, seven days a week.

- Other

Description: