

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:		SEW Med Surg / Ortho									
Unit/ Clinic Type:		Inpatient Services									
Unit/ Clinic Address:		2811 Tieton Dr Yakima, Wa 98902									
Average Daily		36.13					Maximum # of Beds: 42				
Effective as of:		1-Jan-25									
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)
12	07-1500	8	4	0	2	0	2.67	0.00	1.33	0.00	9.33
	15-1900	4	4	0	2	0	1.33	0.00	0.67	0.00	
	19-2300	4	3	0	1	0	1.00	0.00	0.33	0.00	
	23-0700	8	2	0	1	0	1.33	0.00	0.67	0.00	
13	07-1500	8	4	0	2	0	2.46	0.00	1.23	0.00	9.54
	15-1900	4	4	0	2	0	1.23	0.00	0.62	0.00	
	19-2300	4	3	0	2	0	0.92	0.00	0.62	0.00	
	23-0700	8	2	0	2	0	1.23	0.00	1.23	0.00	
14	07-1500	8	4	0	2	0	2.29	0.00	1.14	0.00	8.86
	15-1900	4	4	0	2	0	1.14	0.00	0.57	0.00	
	19-2300	4	3	0	2	0	0.86	0.00	0.57	0.00	
	23-0700	8	2	0	2	0	1.14	0.00	1.14	0.00	
15	07-1500	8	4	0	2	0	2.13	0.00	1.07	0.00	8.27
	15-1900	4	4	0	2	0	1.07	0.00	0.53	0.00	
	19-2300	4	3	0	2	0	0.80	0.00	0.53	0.00	
	23-0700	8	2	0	2	0	1.07	0.00	1.07	0.00	
16	07-1500	8	5	0	2	0	2.50	0.00	1.00	0.00	9.25
	15-1900	4	5	0	2	0	1.25	0.00	0.50	0.00	
	19-2300	4	4	0	2	0	1.00	0.00	0.50	0.00	
	23-0700	8	3	0	2	0	1.50	0.00	1.00	0.00	
17	07-1500	8	5	0	3	0	2.35	0.00	1.41	0.00	9.41
	15-1900	4	5	0	3	0	1.18	0.00	0.71	0.00	
	19-2300	4	4	0	2	0	0.94	0.00	0.47	0.00	
	23-0700	8	3	0	2	0	1.41	0.00	0.94	0.00	
18	07-1500	8	5	0	3	0	2.22	0.00	1.33	0.00	9.33
	15-1900	4	5	0	3	0	1.11	0.00	0.67	0.00	
	19-2300	4	4	0	2	0	0.89	0.00	0.44	0.00	
	23-0700	8	4	0	2	0	1.78	0.00	0.89	0.00	
19	07-1500	8	5	0	3	0	2.11	0.00	1.26	0.00	9.05
	15-1900	4	5	0	3	0	1.05	0.00	0.63	0.00	
	19-2300	4	4	0	3	0	0.84	0.00	0.63	0.00	
	23-0700	8	4	0	2	0	1.68	0.00	0.84	0.00	
20	07-1500	8	6	0	3	0	2.40	0.00	1.20	0.00	9.80
	15-1900	4	6	0	3	0	1.20	0.00	0.60	0.00	
	19-2300	4	5	0	3	0	1.00	0.00	0.60	0.00	
	23-0700	8	5	0	2	0	2.00	0.00	0.80	0.00	
21	07-1500	8	6	0	3	0	2.29	0.00	1.14	0.00	9.71
	15-1900	4	6	0	3	0	1.14	0.00	0.57	0.00	
	19-2300	4	5	0	3	0	0.95	0.00	0.57	0.00	
	23-0700	8	5	0	3	0	1.90	0.00	1.14	0.00	
22	07-1500	8	6	0	4	0	2.18	0.00	1.45	0.00	9.82
	15-1900	4	6	0	4	0	1.09	0.00	0.73	0.00	
	19-2300	4	5	0	3	0	0.91	0.00	0.55	0.00	
	23-0700	8	5	0	3	0	1.82	0.00	1.09	0.00	
23	07-1500	8	6	0	4	0	2.09	0.00	1.39	0.00	9.39
	15-1900	4	6	0	4	0	1.04	0.00	0.70	0.00	
	19-2300	4	5	0	3	0	0.87	0.00	0.52	0.00	
	23-0700	8	5	0	3	0	1.74	0.00	1.04	0.00	
24	07-1500	8	7	0	4	0	2.33	0.00	1.33	0.00	9.50
	15-1900	4	7	0	4	0	1.17	0.00	0.67	0.00	
	19-2300	4	5	0	3	0	0.83	0.00	0.50	0.00	
	23-0700	8	5	0	3	0	1.67	0.00	1.00	0.00	
25	07-1500	8	7	0	4	0	2.24	0.00	1.28	0.00	10.08
	15-1900	4	7	0	4	0	1.12	0.00	0.64	0.00	
	19-2300	4	6	0	4	0	0.96	0.00	0.64	0.00	
	23-0700	8	6	0	4	0	1.92	0.00	1.28	0.00	
26	07-1500	8	7	0	4	0	2.15	0.00	1.23	0.00	9.69
	15-1900	4	7	0	4	0	1.08	0.00	0.62	0.00	
	19-2300	4	6	0	4	0	0.92	0.00	0.62	0.00	
	23-0700	8	6	0	4	0	1.85	0.00	1.23	0.00	
27	07-1500	8	7	0	5	0	2.07	0.00	1.48	0.00	9.93
	15-1900	4	7	0	5	0	1.04	0.00	0.74	0.00	
	19-2300	4	7	0	4	0	1.04	0.00	0.59	0.00	
	23-0700	8	6	0	4	0	1.78	0.00	1.19	0.00	
28	07-1500	8	8	0	5	0	2.29	0.00	1.43	0.00	9.86
	15-1900	4	8	0	5	0	1.14	0.00	0.71	0.00	
	19-2300	4	6	0	4	0	0.86	0.00	0.57	0.00	
	23-0700	8	6	0	4	0	1.71	0.00	1.14	0.00	
29	07-1500	8	8	0	5	0	2.21	0.00	1.38	0.00	9.52
	15-1900	4	8	0	5	0	1.10	0.00	0.69	0.00	
	19-2300	4	6	0	4	0	0.83	0.00	0.55	0.00	
	23-0700	8	6	0	4	0	1.66	0.00	1.10	0.00	
30	07-1500	8	8	0	5	0	2.13	0.00	1.33	0.00	9.52
	15-1900	4	8	0	5	0	1.07	0.00	0.67	0.00	

30	19-2300	4	7	0	4	0	0.93	0.00	0.53	0.00	9.60
	23-0700	8	7	0	4	0	1.87	0.00	1.07	0.00	
31	07-1500	8	8	0	5	0	2.06	0.00	1.29	0.00	9.29
	15-1900	4	8	0	5	0	1.03	0.00	0.65	0.00	
	19-2300	4	7	0	4	0	0.90	0.00	0.52	0.00	
	23-0700	8	7	0	4	0	1.81	0.00	1.03	0.00	
32	07-1500	8	9	0	5	0	2.25	0.00	1.25	0.00	9.38
	15-1900	4	9	0	5	0	1.13	0.00	0.63	0.00	
	19-2300	4	7	0	4	0	0.88	0.00	0.50	0.00	
	23-0700	8	7	0	4	0	1.75	0.00	1.00	0.00	
33	07-1500	8	9	0	5	0	2.18	0.00	1.21	0.00	9.45
	15-1900	4	9	0	5	0	1.09	0.00	0.61	0.00	
	19-2300	4	7	0	5	0	0.85	0.00	0.61	0.00	
	23-0700	8	7	0	5	0	1.70	0.00	1.21	0.00	
34	07-1500	8	9	0	6	0	2.12	0.00	1.41	0.00	9.53
	15-1900	4	9	0	6	0	1.06	0.00	0.71	0.00	
	19-2300	4	7	0	5	0	0.82	0.00	0.59	0.00	
	23-0700	8	7	0	5	0	1.65	0.00	1.18	0.00	
35	07-1500	8	10	0	6	0	2.29	0.00	1.37	0.00	9.60
	15-1900	4	10	0	6	0	1.14	0.00	0.69	0.00	
	19-2300	4	7	0	5	0	0.80	0.00	0.57	0.00	
	23-0700	8	7	0	5	0	1.60	0.00	1.14	0.00	
36	07-1500	8	10	0	6	0	2.22	0.00	1.33	0.00	9.67
	15-1900	4	10	0	6	0	1.11	0.00	0.67	0.00	
	19-2300	4	8	0	5	0	0.89	0.00	0.56	0.00	
	23-0700	8	8	0	5	0	1.78	0.00	1.11	0.00	
37	07-1500	8	10	0	7	0	2.16	0.00	1.51	0.00	9.62
	15-1900	4	10	0	6	0	1.08	0.00	0.65	0.00	
	19-2300	4	8	0	5	0	0.86	0.00	0.54	0.00	
	23-0700	8	8	0	5	0	1.73	0.00	1.08	0.00	
38	07-1500	8	10	0	7	0	2.11	0.00	1.47	0.00	9.47
	15-1900	4	10	0	7	0	1.05	0.00	0.74	0.00	
	19-2300	4	8	0	5	0	0.84	0.00	0.53	0.00	
	23-0700	8	8	0	5	0	1.68	0.00	1.05	0.00	
39	07-1500	8	10	0	7	0	2.05	0.00	1.44	0.00	9.23
	15-1900	4	10	0	7	0	1.03	0.00	0.72	0.00	
	19-2300	4	8	0	5	0	0.82	0.00	0.51	0.00	
	23-0700	8	8	0	5	0	1.64	0.00	1.03	0.00	
40	07-1500	8	10	0	7	0	2.00	0.00	1.40	0.00	9.30
	15-1900	4	10	0	7	0	1.00	0.00	0.70	0.00	
	19-2300	4	8	0	6	0	0.80	0.00	0.60	0.00	
	23-0700	8	8	0	6	0	1.60	0.00	1.20	0.00	
41	07-1500	8	10	0	7	0	1.95	0.00	1.37	0.00	9.37
	15-1900	4	10	0	7	0	0.98	0.00	0.68	0.00	
	19-2300	4	9	0	6	0	0.88	0.00	0.59	0.00	
	23-0700	8	9	0	6	0	1.76	0.00	1.17	0.00	
42	07-1500	8	10	0	7	0	1.90	0.00	1.33	0.00	9.14
	15-1900	4	10	0	7	0	0.95	0.00	0.67	0.00	
	19-2300	4	9	0	6	0	0.86	0.00	0.57	0.00	
	23-0700	8	9	0	6	0	1.71	0.00	1.14	0.00	

Unit Information

Additional Care Team Members

Occupation	Shift Coverage			
	Day 07-15	Evening 15-19	Night 19-07	Weekend 0700-1900
Unit Secretary	1	1		1

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

Activity such as patient admissions, discharges, and transfers

Description: WHPPD 9.71, census starts @ 12 patients due to high volume of this unit (Never below census listed census). Average daily census 36.13

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

Description: General med surg unit

Skill mix

Description:
RN/NAC/Unit Secretary

Level of experience of nursing and patient care staff

Description:

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:

Other

Description:

