

Memorial General Hospital

PACU Shifts

Shift #	Start Time	End Time	Duration (hr)
1	08:00 AM	12:00 AM	16
2	08:00 AM	04:00 PM	8
3	04:00 PM	12:00 AM	8
4	08:00 AM	06:00 PM	10
5	09:00 AM	07:00 PM	10
6	10:00 AM	08:00 PM	10
7	09:00 AM	05:00 PM	8
8	10:00 AM	06:00 PM	8
9	11:00 AM	07:00 PM	8
10	12:00 PM	08:00 PM	8
11	11:00 AM	09:00 PM	10
12	12:00 PM	10:00 PM	10
13	01:00 PM	09:00 PM	8
14	02:00 PM	10:00 PM	8
15	01:00 PM	11:00 PM	10

Staff Shift Assignments

Total	# Shift	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
80	9	1	1	2	4	8		0	0	0	0
80	9	1	1	2	5	7		0	0	0	0
80	10	1	2	2	4	8	12	0	0	0	0
80	10	1	2	4	4	8	13	0	0	0	0
80	10	1	2	2	5	7	12	0	0	0	0
80	10	2	2	4	5	10	12	0	0	0	0
80	10	1	2	4	5	7	13	0	0	0	0
80	10	1	2	4	5	9	14	0	0	0	0
80	10	1	2	4	5	9	15	0	0	0	0
80	9	1	2	4	5	10		0	0	0	0
80	10	1	2	4	6	8	14	0	0	0	0
80	10	1	2	5	6	7	14	0	0	0	0
80	10	1	2	4	6	8	15	0	0	0	0
80	10	1	2	5	6	7	15	0	0	0	0
80	10	2	4	4	5	10	13	0	0	0	0
80	10	2	4	5	6	10	14	0	0	0	0
80	10	2	4	5	6	10	15	0	0	0	0
82	10	1	1	2	2	7	11	0	0	0	0
82	9	1	1	2	4	9		0	0	0	0
82	9	1	1	3	4	8		0	0	0	0
82	9	1	1	2	4	5		0	0	0	0
82	9	1	1	2	5	8		0	0	0	0
82	9	1	1	4	5	14		0	0	0	0
82	9	1	1	3	5	7		0	0	0	0
82	9	1	1	4	5	15		0	0	0	0
82	9	1	1	2	6	7		0	0	0	0
82	10	1	2	2	4	10	11	0	0	0	0
82	10	1	2	3	4	8	12	0	0	0	0
82	10	1	2	2	4	5	12	0	0	0	0
82	10	1	2	2	4	9	12	0	0	0	0
82	10	1	2	4	4	5	13	0	0	0	0
82	10	1	2	4	4	9	13	0	0	0	0
82	10	1	2	2	5	8	12	0	0	0	0
82	10	1	2	3	5	7	12	0	0	0	0
82	10	2	2	5	5	10	12	0	0	0	0
82	10	1	2	4	5	8	13	0	0	0	0
82	10	1	2	5	5	7	13	0	0	0	0
82	10	1	2	5	5	9	14	0	0	0	0
82	10	1	2	4	5	6	14	0	0	0	0
82	10	1	2	4	5	12	14	0	0	0	0
82	10	1	2	4	5	6	15	0	0	0	0
82	10	1	2	4	5	12	15	0	0	0	0
82	10	1	2	5	5	9	15	0	0	0	0
82	9	1	2	5	5	10		0	0	0	0

The table to the right lists possible solutions to your PACU staffing problem, ordered by increasing number of total hours. Total hours represents the sum of the staffed hours for all of the specified shift assignments. Solutions from 100% to 105% of the minimum number of hours have been tabulated. All solutions provide coverage such that you can be confident, with 95% certainty, that at least 95% of all days will have no times when patients cannot be accepted into the PACU with 2:1 patient:nurse coverage. Match the shift numbers in the Staff Shift Assignments table to the Shifts t16le listed above.

Some solutions require fewer numbers of shifts than other solutions. Within each group of total hours, solutions with the fewest number of shifts are presented first. A given shift might be staffed by one or more persons. For example, a 16 hour shift could be staffed by 1 person working 16 hours or 2 people working 8 hours. This decision is a "scheduling" problem, and is not addressed by CalculatOR.

You should pick the solution that best matches the preferences of your institution with respect to minimizing the number of required total call hours or minimizing the number of scheduled shifts.

Facility: Memorial General Hospital

Dataset: Datahospital1

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