

# HOSPITAL INFECTION CONTROL AND PREVENTION UNIT, JIPMER

## HEALTHCARE ASSOCIATED INFECTION (HAI) SURVEILLANCE REPORT, JIPMER, NOVEMBER 2022– ICU



Block	ICU	VAE Rate		CLABSI Rate		CAUTI Rate		SSI Rate	Others	
		JIPMER	NHSN 75 percentile	JIPMER	NHSN 75 percentile	JIPMER	NHSN 75 percentile	JIPMER	JIPMER	
EMS	TC ICU	16.81	6.0	7.25	2.4	0.00	5.6	0.00	-	
	BURNS	0.00	6.7	14.29	5.2	0.00	8.1	0.00	38.87	
MAIN	MICU	2.91	1.6	6.01	1.9	2.25	3.9	0.00	-	
	CCU (ICU 21)	13.64	1.3	0.00	1.9	0.00	3.5	0.00	-	
	SICU	34.48	3.1	0.00	1.8	0.00	2.5	17.65	-	
	28 ICU	17.54	-	0.00	-	0.00	-	0.00	-	
SSB & RCC	CTVS ICU	0.00	2.5	0.00	1.2	0.00	2.5	2.38	-	
	NEURO MEDICINE ICU	0.00	2.5	0.00	1.6	0.00	5	0.00	-	
	NEURO SURGERY ICU	0.00	2.9	8.55	1.9	0.00	6.2	0.00	-	
	PAEDIATRIC SURGERY ICU	0.00	0.9	41.67	2.1	0.00	3.8	0.00	-	
	PL SURG ICU & SURGICAL ONCOLOGY ICU	0.00	2.8	0.00	1.2	0.00	2.5	5.45	-	
	RCC ICU	0.00	1.3	19.23	1.5	0.00	2.3	0.00	-	
	BMT	0.00	2.8	0.00	1.2	0.00	2.5	0.00	-	
	SGE ICU	0.00	2.8	15.63	1.2	0.00	2.5	17.39	-	
	UROLOGY ICU	0.00	2.8	0.00	1.2	0.00	2.5	0.00	-	
	LTP	0.00	2.8	0.00	1.2	0.00	2.5	0.00	-	
	KTP	0.00	2.8	0.00	1.2	0.00	2.5	20.00	-	
WCH	NICU	12.35	<750gm-2.4 >750gm-00	0.00	<750gm-4 .9 >750gm-3.3	0.00	0.00	0.00	-	
	PICU	6.25	0.9	36.36	1.5	0.00	3.1	0.00	0.00	0.00
	OBG ICU	0.00	3.1	0.00	1.8	0.00	2.5	0.00	0.00	0.00
<b>JIPMER( ICU, average)</b>		<b>8.95</b>		<b>6.45</b>		<b>4.29</b>		<b>38.87</b>		<b>-</b>

Burns wound infection rate

LSCS infection rate

Episiotomy infection rate

## HOSPITAL INFECTION CONTROL AND PREVENTION UNIT, JIPMER

ICU	VAE Rate			CLABSI Rate			CAUTI Rate			SSI Rate			Burns			Episiotomy Rate			LSCS Rate		
	No. of VAE cases	Total No. of Ventilator days	VAE rate	No. of CLABSI cases	Total no. of Central line days	CLABSI rate	No. of CA-UTI cases	Total no. of catheter days	CAUTI Rate	No. of SSI	No. of Surgeries done	SSI Rate	No. of wound infections in burn patients	No. of patients days	Open Wound Infection Rate	EPIS SSI	Episiotomy ADM	Episiotomy Rate	LSCS SSI	LSCS ADM	LSCS Rate
TC ICU	2	119	16.81	1	138	7.25	0	160	0.00	0	28	0.00	-	-	-	-	-	-	-	-	-
BURNS	0	16	0.00	1	70	14.29	0	87	0.00	0	3	0.00	11	283	38.87	-	-	-	-	-	-
28 ICU	1	57	17.54	0	19	0.00	0	82	0.00	0	1	0.00	-	-	-	-	-	-	-	-	-
MICU	1	344	2.91	2	333	6.01	1	445	2.25	0	5	0.00	-	-	-	-	-	-	-	-	-
SICU	2	58	34.48	0	178	0.00	0	225	0.00	6	34	17.65	-	-	-	-	-	-	-	-	-
WARD 21 (CCU21)	3	220	13.64	0	196	0.00	0	286	0.00	0	11	0.00	-	-	-	-	-	-	-	-	-
BMT	0	0	0.00	0	70	0.00	0	9	0.00	0	0	0.00	-	-	-	-	-	-	-	-	-
RCC ICU	0	2	0.00	1	52	19.23	0	82	0.00	0	0	0.00	-	-	-	-	-	-	-	-	-
CTVS ICU	0	73	0.00	0	152	0.00	0	159	0.00	1	42	2.38	-	-	-	-	-	-	-	-	-
NEURO MEDICINE ICU	0	29	0.00	0	68	0.00	0	87	0.00	0	4	0.00	-	-	-	-	-	-	-	-	-
NEURO SURGERY ICU	0	34	0.00	1	117	8.55	0	139	0.00	0	25	0.00	-	-	-	-	-	-	-	-	-
PAEDIATRIC SURGERY ICU	0	1	0.00	1	24	41.67	0	50	0.00	0	33	0.00	-	-	-	-	-	-	-	-	-
PLASTIC SX. ICU & SX.ONCOLOGY ICU	0	8	0.00	0	63	0.00	0	101	0.00	3	55	5.45	-	-	-	-	-	-	-	-	-
SGE ICU	0	17	0.00	1	64	15.63	0	86	0.00	4	23	17.39	-	-	-	-	-	-	-	-	-
UROLOGY ICU	0	5	0.00	0	24	0.00	0	92	0.00	0	56	0.00	-	-	-	-	-	-	-	-	-
LTP	0	0	0.00	0	10	0.00	0	6	0.00	0	4	0.00	-	-	-	-	-	-	-	-	-
KTP	0	0	0.00	0	17	0.00	0	22	0.00	1	5	20.00	-	-	-	-	-	-	-	-	-
PICU	1	160	6.25	4	110	36.36	0	120	0.00	0	7	0.00	-	-	-	-	-	-	-	-	-
NICU	1	81	12.35	0	147	0.00	0	7	0.00	0	4	0.00	-	-	-	-	-	-	-	-	-
OBG ICU	0	5	0.00	0	9	0.00	0	86	0.00	0	10	0.00	-	-	-	0	10	0	0	25	0.00



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WARD	VAE Rate			CLABSI Rate			CAUTI Rate			SSI Rate			Episiotomy Rate			LSCS Rate		
	No. of VAE cases	Total No. of Ventilator days	VAE rate	No. of CLABSI cases	Total no. of Central line days	CLABSI rate	No. of CA-UTI cases	Total no. of catheter days	CAUTI Rate	No. of SSI	No. of Surgeries done	SSI Rate	EPIS SSI	Episiotomy ADM	Episiotomy Rate	LSCS SSI	LSCS ADM	LSCS Rate
PMRC A & C	0	0	0	0	2	0.00	0	81	0.00	7	51	13.73	-	-	-	-	-	-
PMRC POW	0	0	0	0	5	0.00	0	59	0.00	2	24	8.33	-	-	-	-	-	-
WARD 31	0	0	0	0	69	0.00	0	115	0.00	3	31	9.68	-	-	-	-	-	-
WARD 34	0	0	0	0	42	0.00	0	97	0.00	1	45	2.22	-	-	-	-	-	-
WARD 36	0	0	0	0	81	12.35	0	114	0.00	14	33	42.42	-	-	-	-	-	-
WARD 37	0	0	0	1	85	11.76	0	110	0.00	10	41	24.39	-	-	-	-	-	-
SGE WARD	0	0	0	0	9	0.00	0	20	0.00	0	0	0.00	-	-	-	-	-	-
SURGICAL ONCOLOGY WARD	0	0	0	0	0	0.00	0	38	0.00	5	31	16.13	-	-	-	-	-	-
UROLOGY WARD	0	0	0	0	3	0.00	0	270	0.00	0	25	0.00	-	-	-	-	-	-
RCC FEMALE WARD	0	0	0	0	100	0.00	0	68	0.00	0	0	0.00	-	-	-	-	-	-
RCC MALE WARD	0	0	0	0	36	0.00	0	3	0.00	0	0	0.00	-	-	-	-	-	-
RCC SPECIAL WARD	0	0	0	0	249	0.00	0	15	0.00	0	0	0.00	-	-	-	-	-	-
CTVS WARD	0	0	0	0	27	0.00	0	20	0.00	1	26	3.85	-	-	-	-	-	-
PAEDIATRIC SURGERY WARD	0	0	0	0	2	0.00	0	150	0.00	0	29	0.00	-	-	-	-	-	-
KTP	0	0	0	0	0	0.00	0	1	0.00	0	0	0.00						
NEURO MEDICINE WARD	0	0	0	0	0	0.00	0	5	0.00	0	0	0.00	-	-	-	-	-	-
NEURO SURGERY WARD	0	0	0	0	16	0.00	0	32	0.00	0	2	0.00	-	-	-	-	-	-
PLASTIC SURGERY WARD	0	0	0	0	15	0.00	0	32	0.00	0	37	0.00	-	-	-	-	-	-
WARD 466	0	0	0	0	46	0.00	0	25	0.00	0	0	0.00	0	4	0.00	0	2	0.00
WARD 401	0	0	0	0	0	0.00	0	51	0.00	0	79	0.00	0	4	0.00	1	62	1.61
WARD 302	0	0	0	0	0	0.00	0	41	0.00	0	0	0.00	0	707	0.00	3	372	0.81
WARD 552	0	0	0	0	0	0.00	0	203	0.00	0	0	0.00	0	0	0.00	1	298	0.33
WARD 554	0	0	0	0	2	0.00	0	92	0.00	0	98	0.00	0	0	0.00	0	0	0.00

**FORMULAE OF HAI INFECTIONS RATES**

<b>HAI Infection Rates</b>	<b>Formulae</b>
1. <b>VAE Rate=</b>	<b>No. of VAE cases/ total no. of ventilator days X 1000</b>
2. <b>CLABSI Rate =</b>	<b>No. of CLABSI cases/ total no. of central line days X 1000</b>
3. <b>CA-UTI Rate=</b>	<b>No. of CA-UTI cases/ total no. of catheter days X 1000</b>
4. <b>SSI Rate=</b>	<b>No. of SSI/ No. of surgeries done X100</b>
5. <b>Burn Wound Infection Rate =</b>	<b>No. of wound infections in burn patients/ No. of patient days X 1000</b>
6. <b>LSCS SSI Rate</b>	<b>= No. of LSCS SSI cases / total no. of LSCS Adm. X 100</b>
7. <b>Episiotomy Rate</b>	<b>= No. of Episiotomy SSI cases / total no. of Episiotomy Adm. X 100</b>