

**Table 1** Distribution of surgical site infection rates in appendectomy, herniorrhaphy and caesarean section according to risk index category: National Healthcare Safety Network 2006–2008, International Nosocomial Infection Control Consortium 2005–2010 (4,5) and The Cuban Hospital 2013–2023

Procedure & reference	Risk index category	No. of procedures	No. of SSIs	Pooled mean <sup>a</sup>	Key percentile (%)				
					10	25	50 <sup>b</sup>	75	90
<b>Appendectomy</b>									
NHSN 2006–2008	0,1	5 211	60	1.15	0.00	0.00	0.60	1.23	2.76
	2,3	663	23	3.47					
INICC 2005–2010	Pooled	13 668	395	2.90	0.12	1.50	2.00	5.30	8.20
The Cuban Hospital 2013–2023	0,1	2 283	36	1.58	0.00	0.00	1.60	2.35	6.28
	2,3	180	18	10.00	–	–	–	–	–
	Pooled	2 463	54	2.19	0.00	0.75	1.65	3.07	12.69
<b>Herniorrhaphy</b>									
NHSN 2006–2008	0	2 852	21	0.74	0.00	0.00	0.00	1.08	–
	1	3 348	81	2.42	0.00	0.00	1.02	3.15	–
	2,3	1 277	67	5.25	–	–	–	–	–
INICC 2005–2010	Pooled	9 843	173	1.80	0.00	0.50	12.30	3.10	4.90
The Cuban Hospital 2013–2020,2022 <sup>c</sup>	0	701	16	2.28	0.00	0.70	1.90	3.80	–
	1	47	3	6.30	–	–	–	–	–
	2,3	3	0	0.00	–	–	–	–	–
	Pooled	751	19	2.53	0.00	0.85	2.40	3.90	–
<b>Caesarean section</b>									
NHSN 2006–2008	0	20 743	303	1.46	0.00	0.31	1.07	2.69	4.07
	1	8 995	219	2.43	0.00	0.00	1.82	4.32	6.45
	2,3	1 256	48	3.82	–	–	–	–	–
INICC 2005–2010	Pooled	85 254	606	1.70	–	–	–	–	–
The Cuban Hospital 2013–2023	0	1 439	33	2.29	0.00	0.71	2.27	3.90	–
	1	433	13	3.00	–	–	–	–	–
	2,3	41	3	7.32	–	–	–	–	–
	Pooled	1 913	49	2.56	0.63	1.01	3.39	4.27	–

<sup>a</sup>Per 100 surgical procedures; <sup>b</sup>Median; <sup>c</sup>2021 data not included due to low number of procedures.