

**S5 Table. Blood culture characteristics (hospital admission, blood cultures, microorganism, blood culture per hospital admission, and positive blood culture per total number of blood cultures and hospital admissions).**

Year	Hospital admission	Hospital day	Population in Östergötland	Age, median*	Total number of blood cultures	Positive blood cultures	Micro organism**	BSI	Blood cultures per hospital admission (%)***	Positive blood cultures per total number of blood cultures (%)	Positive blood cultures per hospital admission (%)
2008	69 363	378 999	423 169	69	7 860	793	712	675	11.3	10.1	1.1
2009	72 383	324 711	427 106	69	8 710	1 022	847	832	12.0	11.7	1.4
2010	72 766	337 520	429 642	69	9 211	1 100	988	969	12.7	11.9	1.5
2011	73 849	330 589	431 075	68	10 062	1 102	985	968	13.6	11.0	1.5
2012	75 516	332 719	433 784	69	11 394	1 264	1 165	1 119	15.1	11.1	1.7
2013	75 214	332 745	437 848	69	11 632	1 314	1 157	1 150	15.5	11.3	1.7
2014	75 547	344 580	442 105	69	12 041	1 316	1 235	1 199	15.9	10.9	1.7
2015	73 407	343 795	445 661	69	13 325	1 287	1 312	1 180	18.2	9.7	1.8
2016	73 033	318 081	452 105	70	14 128	1 293	1186	1 176	19.3	9.2	1.8
<b>Total/p-value ****</b>					<b>98 363</b>	<b>10 491</b>	<b>9 587</b>	<b>9 268</b>	<0.01	0.11	<0.01
<b>Change (%) *****</b>									71%	-8.9%	64%

\* Median age (25-75 percentiles) of patients from whom the blood culture were obtained

\*\* Microorganism (bacterial and yeast isolates) typically belonging to the skin microbiota (coagulase-negative-*Staphylococci* (CoNS), *Micrococcus* spp., *Bacillus* spp., *Corynebacterium* spp., *Propionibacterium* spp.) were considered probable contaminants and excluded.

\*\*\*All blood cultures taken per hospital admissions

\*\*\*\*P-value for trend (2008-2016), Linear regression

\*\*\*\*\*Change (%) 2008 vs 2016)