

Table S1. Antimicrobial susceptibility test distribution by onset ( $\leq$  Day 2 of admission vs  $>$  Day 2 of admission) for the most common etiologic agents of HAP/VAP

Etiologic agents	Antimicrobial susceptibility testing (within 2 days of admission)			Antimicrobial susceptibility testing ( $>$ Day 2 of admission)		
	No. of isolates	N	%	No. of isolates	N	%
<b>Gram positive, monomicrobial</b>						
<i>Staphylococcus aureus</i>	2967	2732	92.1	3237	2960	91.4
<i>Streptococcus pneumoniae</i>	919	791	86.1	211	178	84.3
<b>Gram negative, monomicrobial</b>						
<i>Acinetobacter</i> spp.	151	138	91.4	177	165	93.2
<i>Escherichia coli</i>	455	432	94.9	627	590	94.1
<i>Enterobacter</i> spp.	255	241	94.5	595	575	96.6
<i>Haemophilus</i> spp. (full AST)	1159	330	28.5	430	117	27.2
<i>Haemophilus</i> spp. (beta-lactamase test)	1159	703	60.7	430	284	66.0
<i>Klebsiella</i> spp.	596	572	96.0	788	745	94.5
<i>Pseudomonas aeruginosa</i>	1866	1695	90.8	1643	1517	92.3
<i>Serratia marcescens</i>	222	209	94.1	308	285	92.5
<i>Stenotrophomonas maltophilia</i>	200	183	91.5	447	402	89.9

Table S2. Antimicrobial susceptibility test distribution by mechanical ventilation status for the most common etiologic agents of HAP/VAP

Etiologic agents	Antimicrobial susceptibility testing (mechanically ventilation)			Antimicrobial susceptibility testing (no mechanical ventilation)		
	No. of isolates	N	%	No. of isolates	N	%
<b>Gram positive, monomicrobial</b>						
<i>Staphylococcus aureus</i>	4248	3915	92.2	1956	1777	90.4
<i>Streptococcus pneumoniae</i>	636	542	85.2	494	425	86.0
<b>Gram negative, monomicrobial</b>						
<i>Acinetobacter</i> spp.	232	212	91.4	96	91	94.8
<i>Escherichia coli</i>	694	660	95.1	388	362	93.3
<i>Enterobacter</i> spp.	592	571	96.5	258	245	95.0
<i>Haemophilus</i> spp. (full AST)	860	285	33.1	729	162	22.2
<i>Haemophilus</i> spp. (beta-lactamase test)	860	550	64.0	729	427	58.6
<i>Klebsiella</i> spp.	965	917	95.0	419	400	95.5
<i>Pseudomonas aeruginosa</i>	1724	1581	91.7	1785	1633	91.5
<i>Serratia marcescens</i>	350	328	93.7	180	166	92.2
<i>Stenotrophomonas maltophilia</i>	391	348	89.0	256	236	92.2