### Data verification log file

**Hospital name: WHO Test Hospital** 

**Country name: World Health Organization** 

Data from:

01 Jan 1995 to 31 Jan 1995

This report is for users to review variable names and data values used by microbiology\_data file and hospital\_admission\_data file saved within the same folder as the application file (AMASS.bat). This report can be used to assist users while completing the data dictionaries for both data files.

Generated on: 20 Jun 2025 16:26:50

Software version: 3.1 released on 20 June 2025

### Data verification log file

Please review the following information carefully before interpreting the AMR surveillance report generated by the AMASS application.

The microbiology\_data file (stored in the same folder as the application file) had:

622 records with collection dates ranging from 01 Jan 1995 to 31 Jan 1995

Collection date are in Dates are in excel standard date format : format.

Example: 1995-01-06 00:00:00, 1995-01-09 00:00:00, 1995-01-04 00:00:00

Microbiology data's hospital number are from **0** to **12** charecter lengths. The following are most common lengths.

12 charecters long: 99.84% (621/622)

0 charecters long: 0.16% (1/622)

Missing data.

0 records are missing or unknown format of collection date.

622 records are wrong date or wrong date format of collection date.

**0** records are missing specimen type.

0 records are missing culture result.

No hospital\_admission\_data file found in the same folder as the application file. Thus, no hsopital admission data set information.

No hospital\_admission\_data file found in the same folder as the application file. Thus, no merged data set information.

Table S1A: List of data values of the variable recorded for "organism" in your microbiology data file, which are mainly used for the main report

Data values of variable "organism" in AMASS, which are mainly used for the main report	Data values of variable recorded for "organism" in your microbiology data file	Number of observations
organism_acinetobacter_anitratus	aan	0
organism_acinetobacter_baumannii	aba	8
organism_acinetobacter_calcoaceticus	aca	0
organism_acinetobacter_haemolyticus	aha	0
organism_acinetobacter_johnsonii	ajo	0
organism_acinetobacter_junii	aju	0
organism_acinetobacter_lwoffii	alw	0
organism_acinetobacter_spp	ac-	0
organism_enterococcus_avium	eav	0
organism_enterococcus_casseliflavus	eca	0
organism_enterococcus_dispar	eds	0
organism_enterococcus_durans	edu	0
organism_enterococcus_faecalis	efa	1
organism_enterococcus_faecium	efm	0
organism_enterococcus_flavescens	efv	0
organism_enterococcus_gallinarum	ega	0
organism_enterococcus_hirae	enh	0
organism_enterococcus_malodoratus	ema	0
organism_enterococcus_mundtii	emn	0
organism_enterococcus_pseudoavium	eps	0
organism_enterococcus_raffinosus	era	0
organism_enterococcus_seriolicida	ese	0
organism_enterococcus_solitarius	eso	0
organism_enterococcus_spp	ent	81
organism_escherichia_coli	eep	0
organism_escherichia_coli	ead	0
organism_escherichia_coli	103	0
organism_escherichia_coli	eco	86
organism_escherichia_coli	o26	0
organism_escherichia_coli	157	0

Data values of variable "organism" in AMASS, which are mainly used for the main report	Data values of variable recorded for "organism" in your microbiology data file	Number of observations
organism_escherichia_coli	111	0
organism_escherichia_coli	145	0
organism_escherichia_coli	149	0
organism_escherichia_coli	of4	0
organism_klebsiella_pneumoniae	koz	0
organism_klebsiella_pneumoniae	kpn	23
organism_klebsiella_pneumoniae	krn	0
organism_klebsiella_pneumoniae	kpn	23
organism_no_growth	XXX	0
organism_pseudomonas_aeruginosa	pae	32
organism_salmonella_agona	sag	0
organism_salmonella_amsterdam	ams	0
organism_salmonella_anatum	sla	0
organism_salmonella_arechavaleta	sav	0
organism_salmonella_bareilly	sba	0
organism_salmonella_blockley	sbl	0
organism_salmonella_bongori	sbg	0
organism_salmonella_bonn	bon	0
organism_salmonella_bovismorbificans	sbm	0
organism_salmonella_braenderup	sbr	0
organism_salmonella_brandenburg	sbn	0
organism_salmonella_bredeney	brd	0
organism_salmonella_cerro	cer	0
organism_salmonella_chester	hes	0
organism_salmonella_choleraesuis	sch	0
organism_salmonella_copenhagen	cop	0
organism_salmonella_derby	drb	0
organism_salmonella_dublin	sdu	0
organism_salmonella_emek	emk	0

Data values of variable "organism" in AMASS, which are mainly used for the main report	Data values of variable recorded for "organism" in your microbiology data file	Number of observations
organism_salmonella_enteritidis	sen	0
organism_salmonella_falkensee	sfa	0
organism_salmonella_gallinarum	sga	0
organism_salmonella_give	sgi	0
organism_salmonella_goldcoast	gol	0
organism_salmonella_hadar	shr	0
organism_salmonella_heidelberg	shg	0
organism_salmonella_hirschfeldii	shf	0
organism_salmonella_infantis	inf	0
organism_salmonella_java	jav	0
organism_salmonella_javiana	sjv	0
organism_salmonella_kaapstad	ska	0
organism_salmonella_kedougou	skd	0
organism_salmonella_kentucky	ske	0
organism_salmonella_kottbus	sko	0
organism_salmonella_krefeld	skr	0
organism_salmonella_lexington	slx	0
organism_salmonella_litchfield	sli	0
organism_salmonella_livingstone	slv	0
organism_salmonella_lomita	lom	0
organism_salmonella_london	slo	0
organism_salmonella_manhattan	smh	0
organism_salmonella_mbandaka	smb	0
organism_salmonella_montevideo	smo	0
organism_salmonella_muenchen	smn	0
organism_salmonella_muenster	smr	0
organism_salmonella_narashino	sna	0
organism_salmonella_newport	sne	0
organism_salmonella_ohio	soh	0

Data values of variable "organism" in AMASS, which are mainly used for the main report	Data values of variable recorded for "organism" in your microbiology data file	Number of observations
organism_salmonella_oranienburg	sor	0
organism_salmonella_orion	soi	0
organism_salmonella_ouakam	sou	0
organism_salmonella_panama	spm	0
organism_salmonella_paratyphi	sab	0
organism_salmonella_paratyphi	saa	0
organism_salmonella_paratyphi	sac	0
organism_salmonella_poona	spo	0
organism_salmonella_potsdam	pot	0
organism_salmonella_pullorum	sga	0
organism_salmonella_reading	sre	0
organism_salmonella_rissen	sri	0
organism_salmonella_saintpaul	pau	0
organism_salmonella_schottmuelleri	sab	0
organism_salmonella_schwarzengrund	SSW	0
organism_salmonella_senftenberg	sse	0
organism_salmonella_spp	sdi	0
organism_salmonella_spp	ari	0
organism_salmonella_spp	sun	0
organism_salmonella_spp	sro	0
organism_salmonella_spp	sal	0
organism_salmonella_spp	grc	0
organism_salmonella_spp	grn	0
organism_salmonella_spp	ssl	0
organism_salmonella_spp	gc1	0
organism_salmonella_spp	gru	0
organism_salmonella_spp	sat	0
organism_salmonella_spp	gro	0
organism_salmonella_spp	grq	0

Table S1A (continue): List of data values of the variable recorded for "organism" in your microbiology data file, which are mainly used for the main report

Data values of variable "organism" in AMASS, which are mainly used for the main report	Data values of variable recorded for "organism" in your microbiology data file	Number of observations
organism_salmonella_spp	grb	0
organism_salmonella_spp	g53	0
organism_salmonella_spp	g59	0
organism_salmonella_spp	g56	0
organism_salmonella_spp	g51	0
organism_salmonella_spp	g62	0
organism_salmonella_spp	g60	0
organism_salmonella_spp	g61	0
organism_salmonella_spp	g64	0
organism_salmonella_spp	g63	0
organism_salmonella_spp	g55	0
organism_salmonella_spp	g58	0
organism_salmonella_spp	g66	0
organism_salmonella_spp	g67	0
organism_salmonella_spp	gra	0
organism_salmonella_spp	grr	0
organism_salmonella_spp	g54	0
organism_salmonella_spp	g57	0
organism_salmonella_spp	g65	0
organism_salmonella_spp	grs	0
organism_salmonella_spp	grp	0
organism_salmonella_spp	grt	0
organism_salmonella_spp	gd1	0
organism_salmonella_spp	gd2	0
organism_salmonella_spp	gd3	0
organism_salmonella_spp	gre	0
organism_salmonella_spp	ge1	0
organism_salmonella_spp	gc2	0
organism_salmonella_spp	grd	0

Table S1A (continue): List of data values of the variable recorded for "organism" in your microbiology data file, which are mainly used for the main report

Data values of variable "organism" in AMASS, which are mainly used for the main report	Data values of variable recorded for "organism" in your microbiology data file	Number of observations
organism_salmonella_spp	grj	0
organism_salmonella_spp	ge3	0
organism_salmonella_spp	gri	0
organism_salmonella_spp	grh	0
organism_salmonella_spp	gg2	0
organism_salmonella_spp	gg1	0
organism_salmonella_spp	grg	0
organism_salmonella_spp	ge4	0
organism_salmonella_spp	gc4	0
organism_salmonella_spp	ge2	0
organism_salmonella_spp	grf	0
organism_salmonella_spp	grk	0
organism_salmonella_spp	g52	0
organism_salmonella_spp	grm	0
organism_salmonella_spp	sii	0
organism_salmonella_spp	sht	0
organism_salmonella_spp	sec	0
organism_salmonella_spp	sno	0
organism_salmonella_spp	grz	0
organism_salmonella_spp	gry	0
organism_salmonella_spp	grx	0
organism_salmonella_spp	grw	0
organism_salmonella_spp	grl	0
organism_salmonella_spp	gc3	0
organism_salmonella_spp	grv	0
organism_salmonella_stanley	ssy	0
organism_salmonella_tennessee	tns	0
organism_salmonella_thompson	thm	0
organism_salmonella_typhi	sat	0

Data values of variable "organism" in AMASS, which are mainly used for the main report	Data values of variable recorded for "organism" in your microbiology data file	Number of observations
organism_salmonella_typhi	sat	0
organism_salmonella_typhimurium	sam	0
organism_salmonella_typhimurium	104	0
organism_salmonella_typhimurium	svc	0
organism_salmonella_typhisuis	sts	0
organism_salmonella_virchow	svr	0
organism_salmonella_virginia	svg	0
organism_salmonella_wandsworth	swd	0
organism_salmonella_weltevreden	swe	0
organism_salmonella_weybridge	swy	0
organism_salmonella_worthington	swo	0
organism_staphylococcus_aureus	sau	86
organism_streptococcus_pneumoniae	spn	6

Table S1B: List of data values of the variable recorded for "organism" in your microbiology data file, which are mainly used for the annex

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_achromobacter_spp	ach	1
organism_achromobacter_xylosoxidans		0
organism_aeromonas_caviae	acv	0
organism_aeromonas_dhakensis		0
organism_aeromonas_hydrophila	aeh	0
organism_aeromonas_spp	aja	0
organism_aeromonas_spp	aer	0
organism_aeromonas_spp	apn	0
organism_aeromonas_spp	apn	0
organism_aeromonas_spp	asa	0
organism_aeromonas_spp	ash	0
organism_aeromonas_spp	atr	0
organism_aeromonas_spp	amd	0
organism_aeromonas_spp	aeu	0
organism_aeromonas_spp	aso	0
organism_aeromonas_veronii	avv	0
organism_aeromonas_veronii	ave	0
organism_aeromonas_veronii	asb	0
organism_arcanobacterium_haemolyticum	ahe	0
organism_arcanobacterium_spp	arb	0
organism_arthrobacter_spp		0
organism_bacillus_alvei	bal	0
organism_bacillus_anthracis	ban	0
organism_bacillus_brevis	bbe	0
organism_bacillus_cereus	bce	0
organism_bacillus_circulans	bci	0
organism_bacillus_coagulans	bcg	0
organism_bacillus_firmus	bfi	0
organism_bacillus_laterosporus	blt	0
organism_bacillus_lentus	bln	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_bacillus_licheniformis	bli	0
organism_bacillus_macerans	bmc	0
organism_bacillus_megaterium	bmg	0
organism_bacillus_mycoides	bmy	0
organism_bacillus_pantothenticus	bpn	0
organism_bacillus_polymyxa	bpo	0
organism_bacillus_pumilus	bpm	0
organism_bacillus_sphaericus	bsh	0
organism_bacillus_spp	bcs	0
organism_bacillus_stearothermophilus	bsr	0
organism_bacillus_subtilis	bsl	0
organism_bacillus_thuringiensis	btu	0
organism_brevibacillus_spp		0
organism_brevibacterium_acetylicum	bay	0
organism_brevibacterium_casei	bvc	0
organism_brevibacterium_epidermidis	bep	0
organism_brevibacterium_mcbrellneri	bmb	0
organism_brevibacterium_spp	bre	0
organism_brucella_abortus	bab	0
organism_brucella_canis	bcn	0
organism_brucella_melitensis	bmt	0
organism_brucella_spp	br-	0
organism_brucella_suis	bsu	0
organism_burkholderia_cepacia_complex	pce	0
organism_burkholderia_pseudomallei	ppm	0
organism_burkholderia_spp	ppi	0
organism_burkholderia_spp	buk	0
organism_burkholderia_spp	bgl	0
organism_burkholderia_spp	bma	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_campylobacter_spp	cj2	0
organism_campylobacter_spp	clr	0
organism_campylobacter_spp	clr	0
organism_campylobacter_spp	cmu	0
organism_campylobacter_spp	cre	0
organism_campylobacter_spp	caj	0
organism_campylobacter_spp	cfv	0
organism_campylobacter_spp	cam	0
organism_campylobacter_spp	cjd	0
organism_campylobacter_spp	cfe	0
organism_campylobacter_spp	csh	0
organism_campylobacter_spp	ссо	0
organism_campylobacter_spp	ccu	0
organism_campylobacter_spp	cup	0
organism_campylobacter_spp	cbb	0
organism_campylobacter_spp	caj	0
organism_campylobacter_spp	csp	0
organism_campylobacter_spp	cj1	0
organism_campylobacter_spp	ccn	0
organism_campylobacter_spp	chy	0
organism_campylobacter_spp	bgr	0
organism_campylobacter_spp	cfe	0
organism_campylobacter_spp	hfn	0
organism_campylobacter_spp	csp	0
organism_cellulomonas_cellulans	cce	0
organism_cellulomonas_spp	cel	0
organism_cellulomonas_turbata	otu	0
organism_cellulosimicrobium_spp		0
organism_chryseobacterium_spp	fgl	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_chryseobacterium_spp	fme	0
organism_chryseobacterium_spp	fin	0
organism_chryseobacterium_spp	chb	0
organism_citrobacter_amalonaticus	cml	0
organism_citrobacter_freundii	cfr	3
organism_citrobacter_koseri	cdi	0
organism_citrobacter_spp	cfa	0
organism_citrobacter_spp	cbk	0
organism_citrobacter_spp	cdi	0
organism_citrobacter_spp	ci-	1
organism_citrobacter_spp	c10	0
organism_citrobacter_spp	ci9	0
organism_citrobacter_spp	csk	0
organism_citrobacter_spp	cwe	0
organism_citrobacter_spp	cyo	0
organism_citrobacter_spp	c11	0
organism_citrobacter_spp	cdl	0
organism_corynebacterium_accolens	cao	0
organism_corynebacterium_afermentans	caf	0
organism_corynebacterium_amycolatum	ci2	0
organism_corynebacterium_aquaticum	caq	0
organism_corynebacterium_bovis	cbv	0
organism_corynebacterium_cystitidis	crc	0
organism_corynebacterium_diphtheriae	cdt	0
organism_corynebacterium_equi	req	0
organism_corynebacterium_glutamicum	cgm	0
organism_corynebacterium_haemolyticum	ahe	0
organism_corynebacterium_jeikeium	cjk	0
organism_corynebacterium_kutscheri	cku	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_corynebacterium_macginleyi	cmc	0
organism_corynebacterium_matruchotii	cmt	0
organism_corynebacterium_michiganense	cmg	0
organism_corynebacterium_minutissimum	cmi	0
organism_corynebacterium_mycetoides	cmy	0
organism_corynebacterium_pilosum	cpi	0
organism_corynebacterium_propinquum	cpq	0
organism_corynebacterium_pseudodiphtheriticum	cpd	0
organism_corynebacterium_pseudotuberculosis	cpb	0
organism_corynebacterium_pyogenes	apy	0
organism_corynebacterium_renale	crn	0
organism_corynebacterium_spp	cor	0
organism_corynebacterium_striatum	cst	0
organism_corynebacterium_ulcerans	cul	0
organism_corynebacterium_urealyticum	cd2	0
organism_corynebacterium_xerosis	cxe	0
organism_cryptococcus_spp	ctu	0
organism_cryptococcus_spp	cug	0
organism_cryptococcus_spp	cry	0
organism_cryptococcus_spp	coo	0
organism_cryptococcus_spp	cne	0
organism_cryptococcus_spp	cpv	0
organism_cryptococcus_spp	slt	0
organism_cryptococcus_spp	cgt	0
organism_cryptococcus_spp	cln	0
organism_cryptococcus_spp	mym	0
organism_cryptococcus_spp	cll	0
organism_cryptococcus_spp	cga	0
organism_cryptococcus_spp	cyr	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_cryptococcus_spp	cae	0
organism_cryptococcus_spp	cad	0
organism_cryptococcus_spp	caa	0
organism_cutibacterium_spp		0
organism_dermabacter_hominis	dho	0
organism_dermabacter_spp	der	0
organism_dermacoccus_spp		0
organism_diphtheroids_spp	cdp	21
organism_elizabethkingia_anophelis		0
organism_elizabethkingia_meningoseptica		0
organism_enterobacter_cloacae_complex	ecl	15
organism_enterobacter_spp	ea2	0
organism_enterobacter_spp	ecg	0
organism_enterobacter_spp	ecg	0
organism_enterobacter_spp	eas	0
organism_enterobacter_spp	egg	0
organism_enterobacter_spp	eam	0
organism_enterobacter_spp	eag	0
organism_enterobacter_spp	eae	9
organism_enterobacter_spp	esa	0
organism_enterobacter_spp	edi	0
organism_enterobacter_spp	ea1	0
organism_enterobacter_spp	ehm	0
organism_enterobacter_spp	ein	0
organism_enterobacter_spp	enp	0
organism_enterobacter_spp	en-	0
organism_enterobacter_spp	ecl	15
organism_escherichia_hermannii	ehe	0
organism_escherichia_spp	efe	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_escherichia_spp	esc	0
organism_escherichia_spp	ebl	0
organism_escherichia_spp	lad	0
organism_escherichia_spp	evu	0
organism_exiguobacterium_acetylicum	bay	0
organism_exiguobacterium_spp	exi	0
organism_geobacillus_spp		0
organism_haemophilus_influenzae	hxt	0
organism_haemophilus_influenzae	hib	0
organism_haemophilus_influenzae	hin	24
organism_haemophilus_influenzae	hxb	0
organism_haemophilus_spp	hpl	0
organism_haemophilus_spp	hac	0
organism_haemophilus_spp	gva	0
organism_haemophilus_spp	ha-	0
organism_haemophilus_spp	hse	0
organism_haemophilus_spp	apl	0
organism_haemophilus_spp	hpr	0
organism_haemophilus_spp	hpp	0
organism_haemophilus_spp	heq	0
organism_haemophilus_spp	hdu	0
organism_haemophilus_spp	hag	0
organism_haemophilus_spp	hap	0
organism_haemophilus_spp	pav	0
organism_haemophilus_spp	hpc	0
organism_haemophilus_spp	hhe	0
organism_haemophilus_spp	hha	0
organism_haemophilus_spp	hpi	0
organism_haemophilus_spp	hpg	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_haemophilus_spp	hph	0
organism_hafnia_alvei	hal	0
organism_helcobacillus_spp		0
organism_helicobacter_pylori	hpy	0
organism_janibacter_spp		0
organism_klebsiella_aerogenes		0
organism_klebsiella_oxytoca	kox	3
organism_klebsiella_spp	cgr	0
organism_klebsiella_spp	kl-	0
organism_klebsiella_spp	kpl	0
organism_klebsiella_spp	kor	0
organism_klebsiella_spp	kox	3
organism_klebsiella_spp	kpl	0
organism_klebsiella_spp	eae	9
organism_klebsiella_spp	kor	0
organism_klebsiella_spp	krn	0
organism_klebsiella_spp	koz	0
organism_klebsiella_spp	kte	0
organism_klebsiella_variicola		0
organism_knoellia_spp		0
organism_kocuria_rosea	kro	0
organism_kocuria_spp	kkr	0
organism_kocuria_spp	koc	0
organism_kocuria_varians	kva	0
organism_kytococcus_spp		0
organism_leclercia_adecarboxylata	lad	0
organism_leifsonia_spp		0
organism_listeria_monocytogenes	lmo	0
organism_listeria_spp	liv	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_listeria_spp	lgy	0
organism_listeria_spp	lis	0
organism_microbacterium_arborescens	mba	0
organism_microbacterium_imperiale	mim	0
organism_microbacterium_spp	mib	0
organism_micrococcus_kristinae	kkr	0
organism_micrococcus_luteus	mlu	0
organism_micrococcus_roseus	kro	0
organism_micrococcus_spp	mic	0
organism_micrococcus_varians	kva	0
organism_moraxella_spp	mpo	0
organism_moraxella_spp	mla	0
organism_moraxella_spp	mat	0
organism_moraxella_spp	mbv	0
organism_moraxella_spp	bca	14
organism_moraxella_spp	mut	0
organism_moraxella_spp	mxc	0
organism_moraxella_spp	nwe	0
organism_moraxella_spp	mo-	0
organism_moraxella_spp	mpp	0
organism_moraxella_spp	mos	0
organism_moraxella_spp	mnl	0
organism_moraxella_spp	nni	0
organism_morganella_morganii	msb	0
organism_morganella_morganii	mmo	7
organism_morganella_spp	mor	0
organism_neisseria_gonorrhoeae	ngo	0
organism_neisseria_gonorrhoeae	nko	0
organism_neisseria_meningitidis	nmo	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_neisseria_meningitidis	nmb	0
organism_neisseria_meningitidis	nma	0
organism_neisseria_meningitidis	nmc	0
organism_neisseria_meningitidis	nme	2
organism_nesterenkonia_spp		0
organism_ochrobactrum_anthropi	oan	0
organism_other_contaminants		0
organism_other_enterobacteriaceae		0
organism_paenibacillus_alvei	bal	0
organism_paenibacillus_macerans	bmc	0
organism_paenibacillus_polymyxa	bpo	0
organism_paenibacillus_spp	pab	0
organism_pasteurella_spp	pam	0
organism_pasteurella_spp	pbe	0
organism_pasteurella_spp	pcn	0
organism_pasteurella_spp	pda	0
organism_pasteurella_spp	pga	0
organism_pasteurella_spp	pha	0
organism_pasteurella_spp	pgl	0
organism_pasteurella_spp	pog	0
organism_pasteurella_spp	ply	0
organism_pasteurella_spp	pga	0
organism_pasteurella_spp	pat	0
organism_pasteurella_spp	pmr	0
organism_pasteurella_spp	pln	0
organism_pasteurella_spp	pam	0
organism_pasteurella_spp	ppn	0
organism_pasteurella_spp	psp	0
organism_pasteurella_spp	pas	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_pasteurella_spp	psm	0
organism_pasteurella_spp	aur	0
organism_pasteurella_spp	pav	0
organism_pasteurella_spp	psp	0
organism_pasteurella_spp	pvo	0
organism_pasteurella_spp	ef4	0
organism_pasteurella_spp	pts	0
organism_pasteurella_spp	ptr	0
organism_propionibacterium_acnes	pro	0
organism_propionibacterium_avidum	pad	0
organism_propionibacterium_freudenreichii	pfr	0
organism_propionibacterium_granulosum	pgr	0
organism_propionibacterium_jensenii	pje	0
organism_propionibacterium_lymphophilum	plm	0
organism_propionibacterium_propionicus	ppr	0
organism_propionibacterium_spp	prp	0
organism_proteus_mirabilis	pmi	22
organism_proteus_penneri	ppe	0
organism_proteus_rettgeri	pre	0
organism_proteus_spp	pmy	0
organism_proteus_spp	pr-	4
organism_proteus_spp	pal	0
organism_proteus_stuartii		0
organism_proteus_vulgaris	pvu	0
organism_providencia_spp	pst	2
organism_providencia_spp	pre	0
organism_providencia_spp	pal	0
organism_providencia_spp	phe	0
organism_providencia_spp	prg	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_providencia_spp	prv	0
organism_providencia_spp	psu	0
organism_pseudoclavibacter_spp		0
organism_pseudomonas_spp	pfl	4
organism_pseudomonas_spp	clt	0
organism_pseudomonas_spp	ppi	0
organism_pseudomonas_spp	pae	32
organism_pseudomonas_spp	afc	0
organism_pseudomonas_spp	cac	0
organism_pseudomonas_spp	pdi	0
organism_pseudomonas_spp	bgl	0
organism_pseudomonas_spp	pag	0
organism_pseudomonas_spp	ppi	0
organism_pseudomonas_spp	pma	10
organism_pseudomonas_spp	pce	0
organism_pseudomonas_spp	bma	0
organism_pseudomonas_spp	ppm	0
organism_pseudomonas_spp	adf	0
organism_pseudomonas_spp	pme	0
organism_pseudomonas_spp	cts	0
organism_pseudomonas_spp	for	0
organism_pseudomonas_spp	pch	0
organism_pseudomonas_spp	mme	0
organism_pseudomonas_spp	pve	0
organism_pseudomonas_spp	atm	0
organism_pseudomonas_spp	cvb	0
organism_pseudomonas_spp	psz	0
organism_pseudomonas_spp	c4d	0
organism_pseudomonas_spp	ps-	1

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_pseudomonas_spp	spf	0
organism_pseudomonas_spp	ppu	1
organism_pseudomonas_spp	pg1	0
organism_pseudomonas_spp	ppl	0
organism_pseudomonas_spp	ppg	0
organism_pseudomonas_spp	spa	0
organism_raoultella_ornitholytica	kor	0
organism_raoultella_planticola	kpl	0
organism_raoultella_spp	rao	0
organism_raoultella_terrigena	kte	0
organism_serratia_marcescens	sma	10
organism_serratia_spp	sod	0
organism_serratia_spp	sru	0
organism_serratia_spp	spc	0
organism_serratia_spp	spc	0
organism_serratia_spp	spl	0
organism_serratia_spp	so2	0
organism_serratia_spp	so1	0
organism_serratia_spp	sem	0
organism_serratia_spp	sgr	0
organism_serratia_spp	sfo	0
organism_serratia_spp	sfi	0
organism_serratia_spp	slq	0
organism_serratia_spp	se-	1
organism_serratia_spp	sqv	0
organism_shewanella_spp	she	0
organism_shewanella_spp	sbe	0
organism_shewanella_spp	spf	0
organism_shewanella_spp	swl	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_shewanella_spp	shn	0
organism_shigella_boydii	b14	0
organism_shigella_boydii	b10	0
organism_shigella_boydii	b08	0
organism_shigella_boydii	b17	0
organism_shigella_boydii	b01	0
organism_shigella_boydii	b11	0
organism_shigella_boydii	b12	0
organism_shigella_boydii	b13	0
organism_shigella_boydii	b15	0
organism_shigella_boydii	b18	0
organism_shigella_boydii	shc	0
organism_shigella_boydii	b02	0
organism_shigella_boydii	b03	0
organism_shigella_boydii	b04	0
organism_shigella_boydii	b05	0
organism_shigella_boydii	b06	0
organism_shigella_boydii	b07	0
organism_shigella_boydii	b09	0
organism_shigella_boydii	b16	0
organism_shigella_dysenteriae	d04	0
organism_shigella_dysenteriae	d09	0
organism_shigella_dysenteriae	sd1	0
organism_shigella_dysenteriae	d03	0
organism_shigella_dysenteriae	d07	0
organism_shigella_dysenteriae	d15	0
organism_shigella_dysenteriae	d08	0
organism_shigella_dysenteriae	d06	0
organism_shigella_dysenteriae	d02	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_shigella_dysenteriae	d12	0
organism_shigella_dysenteriae	sn1	0
organism_shigella_dysenteriae	d13	0
organism_shigella_dysenteriae	d11	0
organism_shigella_dysenteriae	d10	0
organism_shigella_dysenteriae	d01	0
organism_shigella_dysenteriae	sha	0
organism_shigella_dysenteriae	d05	0
organism_shigella_dysenteriae	d14	0
organism_shigella_flexneri	f3a	0
organism_shigella_flexneri	f03	0
organism_shigella_flexneri	f2b	0
organism_shigella_flexneri	shb	0
organism_shigella_flexneri	f02	0
organism_shigella_flexneri	f04	0
organism_shigella_flexneri	f1a	0
organism_shigella_flexneri	f2a	0
organism_shigella_flexneri	f3b	0
organism_shigella_flexneri	f01	0
organism_shigella_flexneri	f4b	0
organism_shigella_flexneri	f4c	0
organism_shigella_flexneri	f05	0
organism_shigella_flexneri	f5a	0
organism_shigella_flexneri	f5b	0
organism_shigella_flexneri	f06	0
organism_shigella_flexneri	f1b	0
organism_shigella_flexneri	f4a	0
organism_shigella_sonnei	s02	0
organism_shigella_sonnei	s01	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_shigella_sonnei	shd	0
organism_shigella_spp	shi	0
organism_shigella_spp	snd	0
organism_sphingomonas_spp	spa	0
organism_sphingomonas_spp	sph	0
organism_staphylococcus_albus	sep	0
organism_staphylococcus_arlettae	sae	0
organism_staphylococcus_auricularis	sai	0
organism_staphylococcus_capitis	sca	0
organism_staphylococcus_capitis	sur	0
organism_staphylococcus_caprae	scp	0
organism_staphylococcus_carnosus	scu	0
organism_staphylococcus_caseolyticus	scl	0
organism_staphylococcus_chromogenes	scg	0
organism_staphylococcus_coagulans	slc	0
organism_staphylococcus_coagulase_negative	scn	105
organism_staphylococcus_cohnii	sul	0
organism_staphylococcus_cohnii	stc	0
organism_staphylococcus_cohnii	stc	0
organism_staphylococcus_delphini	sde	0
organism_staphylococcus_epidermidis	sep	0
organism_staphylococcus_equorum	seq	0
organism_staphylococcus_felis	sfe	0
organism_staphylococcus_gallinarum	sgl	0
organism_staphylococcus_haemolyticus	shl	0
organism_staphylococcus_hominis	snb	0
organism_staphylococcus_hominis	sho	0
organism_staphylococcus_hominis	sho	0
organism_staphylococcus_hyicus	shy	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_staphylococcus_intermedius	sit	0
organism_staphylococcus_kloosii	skl	0
organism_staphylococcus_lentus	sle	0
organism_staphylococcus_lugdunensis	slu	0
organism_staphylococcus_muscae	sms	0
organism_staphylococcus_pasteuri	stt	0
organism_staphylococcus_piscifermentans	sps	0
organism_staphylococcus_pulvereri	spv	0
organism_staphylococcus_saccharolyticus	pps	0
organism_staphylococcus_saprophyticus	sap	0
organism_staphylococcus_schleiferi	ssf	0
organism_staphylococcus_sciuri	ssr	0
organism_staphylococcus_simulans	ssi	0
organism_staphylococcus_spp	SC+	0
organism_staphylococcus_spp	S	0
organism_staphylococcus_spp	scn	105
organism_staphylococcus_warneri	swa	0
organism_staphylococcus_xylosus	sxy	0
organism_stenotrophomonas_maltophilia	pma	10
organism_stenotrophomonas_spp	ste	0
organism_streptococcus_agalactiae	sgc	0
organism_streptococcus_alactolyticus		0
organism_streptococcus_anginosus	san	0
organism_streptococcus_bovis	sb1	0
organism_streptococcus_bovis	sb2	0
organism_streptococcus_bovis	sbv	0
organism_streptococcus_bovis	sbo	0
organism_streptococcus_canis		0
organism_streptococcus_constellatus	sct	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_streptococcus_cristatus		0
organism_streptococcus_dysgalactiae	sdy	0
organism_streptococcus_gallolyticus		0
organism_streptococcus_gordonii	sgo	0
organism_streptococcus_hyointestinalis		0
organism_streptococcus_infantis		0
organism_streptococcus_intermedius	sin	0
organism_streptococcus_lutetiensis		0
organism_streptococcus_mitis	smt	0
organism_streptococcus_mutans	smu	0
organism_streptococcus_oralis	sol	0
organism_streptococcus_parasanguinis		0
organism_streptococcus_pluranimalium		0
organism_streptococcus_porcinus	sti	0
organism_streptococcus_pseudoporcinus		0
organism_streptococcus_pyogenes	spy	0
organism_streptococcus_salivarius	ssa	0
organism_streptococcus_sanguinis	ss2	0
organism_streptococcus_sanguinis	ssn	0
organism_streptococcus_sanguinis	ss1	0
organism_streptococcus_spp	snv	0
organism_streptococcus_spp	bsg	1
organism_streptococcus_spp	efa	1
organism_streptococcus_spp	saj	0
organism_streptococcus_spp	efm	0
organism_streptococcus_spp	sui	0
organism_streptococcus_spp	sgm	3
organism_streptococcus_spp	sad	0
organism_streptococcus_spp	lla	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_streptococcus_spp	src	0
organism_streptococcus_spp	sdf	0
organism_streptococcus_spp	sdo	0
organism_streptococcus_spp	squ	0
organism_streptococcus_spp	squ	0
organism_streptococcus_spp	SZO	0
organism_streptococcus_spp	scr	0
organism_streptococcus_spp	SZO	0
organism_streptococcus_spp	scc	0
organism_streptococcus_spp	bs-	1
organism_streptococcus_spp	rha	0
organism_streptococcus_spp	sfr	0
organism_streptococcus_spp	sqn	0
organism_streptococcus_spp	smc	0
organism_streptococcus_spp	gmo	0
organism_streptococcus_spp	apv	0
organism_streptococcus_spp	spp	0
organism_streptococcus_spp	srt	0
organism_streptococcus_spp	SSO	0
organism_streptococcus_spp	smi	0
organism_streptococcus_spp	svi	18
organism_streptococcus_spp	str	0
organism_streptococcus_spp	bsf	1
organism_streptococcus_spp	bse	0
organism_streptococcus_spp	sqm	0
organism_streptococcus_spp	bsb	5
organism_streptococcus_spp	bsa	1
organism_streptococcus_spp	dxe	4
organism_streptococcus_spp	bsc	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_streptococcus_suis	sui	0
organism_streptococcus_thoraltensis		0
organism_streptococcus_uberis	sub	0
organism_streptococcus_vestibularis	sve	0
organism_trueperella_spp		0
organism_vibrio_alginolyticus	val	0
organism_vibrio_carchariae	vca	0
organism_vibrio_cholerae	vo1	0
organism_vibrio_cholerae	139	0
organism_vibrio_cholerae	vog	0
organism_vibrio_cholerae	vhi	0
organism_vibrio_cholerae	vx1	0
organism_vibrio_cholerae	vic	0
organism_vibrio_cholerae	vin	0
organism_vibrio_cholerae	vel	0
organism_vibrio_cincinnatiensis	vci	0
organism_vibrio_damsela	pdm	0
organism_vibrio_fluvialis	vfl	0
organism_vibrio_furnissii	vfu	0
organism_vibrio_hollisae	vho	0
organism_vibrio_metschnikovii	vme	0
organism_vibrio_mimicus	vmi	0
organism_vibrio_parahaemolyticus	vip	0
organism_vibrio_spp	vi-	0
organism_vibrio_vulnificus	vvu	0
organism_virgibacillus_spp		0
organism_viridans_group_streptococci	svi	18
organism_yersinia_enterocolitica	yen	0
organism_yersinia_pseudotuberculosis	yes	0

Optional: Data values of variable "organism" in AMASS, which are mainly used for the annex	Data values of the variable recorded for "organism" in your microbiology data file	Number of observations
organism_yersinia_pseudotuberculosis	yes	0
organism_yersinia_spp	yal	0
organism_yersinia_spp	ybe	0
organism_yersinia_spp	yfr	0
organism_yersinia_spp	yin	0
organism_yersinia_spp	ykr	0
organism_yersinia_spp	ymo	0
organism_yersinia_spp	yep	0
organism_yersinia_spp	fph	0
organism_yersinia_spp	yro	0
organism_yersinia_spp	yru	0
organism_yersinia_spp	yer	0
	bbr	4
	oth	1

Table S2 (Summary): List of number of records per AMASS's "specimen\_type" in your microbiology data file

Data values of variable name recorded for "specimen type" in your hospital admission data file	Number of observations
specimen_blood	81
specimen_cerebrospinal_fluid	0
specimen_genital_swab	0
specimen_others	144
specimen_respiratory_tract	160
specimen_stool	0
specimen_urine	231
	6

Table S2: List of data values of the variable recorded for "specimen\_type" in your microbiology data file

Data values of variable used for "specimen_type" in AMASS	Data values of variable recorded for "specimen_type" in your microbiology data file	Number of observations
specimen_blood	bl	81
specimen_blood	bv	0
specimen_cerebrospinal_fluid	sf	0
specimen_genital_swab	ut	0
specimen_genital_swab	ue	0
specimen_genital_swab	te	0
specimen_genital_swab	sm	0
specimen_genital_swab	pu	0
specimen_genital_swab	po	0
specimen_genital_swab	pe	0
specimen_genital_swab	va	0
specimen_genital_swab	ov	0
specimen_genital_swab	iu	0
specimen_genital_swab	gm	0
specimen_genital_swab	gf	0
specimen_genital_swab	gn	0
specimen_genital_swab	cb	0
specimen_genital_swab	cx	0
specimen_genital_swab	pg	0
specimen_others	lp	0
specimen_others	li	0
specimen_others	lo	0
specimen_others	ln	0
specimen_others	mc	0
specimen_others	me	0
specimen_others	mb	0
specimen_others	mo	0
specimen_others	nv	0
specimen_others	nl	0
specimen_others	nk	0

Table S2 (continue): List of data values of the variable recorded for "specimen\_type" in your microbiology data file

Data values of variable used for "specimen_type" in AMASS	Data values of variable recorded for "specimen_type" in your microbiology data file	Number of observations
specimen_others	og	0
specimen_others	pm	0
specimen_others	pn	0
specimen_others	lv	0
specimen_others	pd	0
specimen_others	lg	0
specimen_others	mu	0
specimen_others	lx	0
specimen_others	ig	0
specimen_others	kf	0
specimen_others	gl	0
specimen_others	gr	0
specimen_others	hr	0
specimen_others	ha	0
specimen_others	hd	0
specimen_others	he	0
specimen_others	hv	0
specimen_others	hp	0
specimen_others	hi	0
specimen_others	hf	0
specimen_others	pi	0
specimen_others	it	0
specimen_others	is	0
specimen_others	jt	0
specimen_others	jf	0
specimen_others	ki	0
specimen_others	kn	0
specimen_others	la	0
specimen_others	pl	0

Table S2 (continue): List of data values of the variable recorded for "specimen\_type" in your microbiology data file

Data values of variable used for "specimen_type" in AMASS	Data values of variable recorded for "specimen_type" in your microbiology data file	Number of observations
specimen_others	rc	0
specimen_others	pr	0
specimen_others	sa	0
specimen_others	sg	0
specimen_others	sb	0
specimen_others	ti	6
specimen_others	to	0
specimen_others	ul	0
specimen_others	ud	0
specimen_others	ux	0
specimen_others	ui	0
specimen_others	um	0
specimen_others	us	0
specimen_others	wa	0
specimen_others	wo	0
specimen_others	wd	104
specimen_others	wt	0
specimen_others	SW	0
specimen_others	ot	4
specimen_others	sl	0
specimen_others	sk	0
specimen_others	su	0
specimen_others	sr	0
specimen_others	pb	0
specimen_others	sh	0
specimen_others	pv	0
specimen_others	рс	0
specimen_others	ps	0
specimen_others	qc	0

Table S2 (continue): List of data values of the variable recorded for "specimen\_type" in your microbiology data file

Data values of variable used for "specimen_type" in AMASS	Data values of variable recorded for "specimen_type" in your microbiology data file	Number of observations
specimen_others	ex	0
specimen_others	ga	0
specimen_others	pa	0
specimen_others	rs	0
specimen_others	ru	0
specimen_others	sv	0
specimen_others	tp	0
specimen_others	cd	0
specimen_others	mr	0
specimen_others	vr	0
specimen_others	sc	0
specimen_others	se	0
specimen_others	rl	0
specimen_others	gb	0
specimen_others	eh	0
specimen_others	fb	0
specimen_others	CS	0
specimen_others	ca	3
specimen_others	bu	0
specimen_others	bs	0
specimen_others	mi	0
specimen_others	bt	0
specimen_others	bn	0
specimen_others	bm	0
specimen_others	bo	0
specimen_others	bx	0
specimen_others	bi	0
specimen_others	fu	0
specimen_others	сс	0

Table S2 (continue): List of data values of the variable recorded for "specimen\_type" in your microbiology data file

Data values of variable used for "specimen_type" in AMASS	Data values of variable recorded for "specimen_type" in your microbiology data file	Number of observations
specimen_others	au	0
specimen_others	at	0
specimen_others	ar	0
specimen_others	ap	0
specimen_others	am	0
specimen_others	ak	0
specimen_others	pt	0
specimen_others	ac	0
specimen_others	de	0
specimen_others	ad	0
specimen_others	as	0
specimen_others	ab	2
specimen_others	an	15
specimen_others	fn	0
specimen_others	ch	0
specimen_others	ax	0
specimen_others	cu	0
specimen_others	ср	0
specimen_others	fd	0
specimen_others	ft	0
specimen_others	fo	0
specimen_others	fl	3
specimen_others	fi	0
specimen_others	ey	2
specimen_others	eg	0
specimen_others	ed	0
specimen_others	en	0
specimen_others	ec	0
specimen_others	es	0

Table S2 (continue): List of data values of the variable recorded for "specimen\_type" in your microbiology data file

Data values of variable used for "specimen_type" in AMASS	Data values of variable recorded for "specimen_type" in your microbiology data file	Number of observations
specimen_others	fa	0
specimen_others	ee	0
specimen_others	ep	0
specimen_others	со	0
specimen_others	cr	0
specimen_others	cm	0
specimen_others	су	0
specimen_others	dn	0
specimen_others	di	0
specimen_others	dr	0
specimen_others	du	0
specimen_others	ea	5
specimen_others	em	0
specimen_others	eo	0
specimen_respiratory_tract	Si	0
specimen_respiratory_tract	tr	0
specimen_respiratory_tract	in	0
specimen_respiratory_tract	sp	143
specimen_respiratory_tract	ta	0
specimen_respiratory_tract	rp	0
specimen_respiratory_tract	ba	0
specimen_respiratory_tract	no	1
specimen_respiratory_tract	np	0
specimen_respiratory_tract	lu	4
specimen_respiratory_tract	tn	0
specimen_respiratory_tract	br	6
specimen_respiratory_tract	pf	0
specimen_respiratory_tract	th	6
specimen_stool	re	0

Table S2 (continue): List of data values of the variable recorded for "specimen\_type" in your microbiology data file

Data values of variable used for "specimen_type" in AMASS	Data values of variable recorded for "specimen_type" in your microbiology data file	Number of observations
specimen_stool	re	0
specimen_stool	st	0
specimen_urine	uu	0
specimen_urine	ub	0
specimen_urine	uc	0
specimen_urine	cv	0
specimen_urine	fv	0
specimen_urine	uk	0
specimen_urine	uo	0
specimen_urine	uz	0
specimen_urine	ua	0
specimen_urine	ur	231
	bf	5
	ge	1

Table S3: List of variables recorded for "antibiotics" in your microbiology data file

Variable names used for "antibiotics" described in AMASS	Variable names recorded for "antibiotics" in your microbiology data file	Number of observations containing S, I, or R for each antibiotic	Number of observations containing some data (i.e. not blank) which were not translated into S, I or R*
Amikacin	AMK_N	66	0
Amoxicillin_and_clavulanic_acid	AMC_N	340	0
Ampicillin	AMP_N	365	20
Aztreonam	ATM_N	244	0
Cefotaxime	CTX_N	237	0
Cefoxitin	FOX_N	103	0
Ceftazidime	CAZ_N	66	9
Cefuroxime	CXM_N	237	0
Chloramphenicol	CHL_N	74	8
Ciprofloxacin	CIP_N	396	0
Clindamycin	CLI_N	326	0
Doxycycline	DOX_N	0	0
Erythromycin	ERY_N	340	0
Gentamicin	GEN_N	501	0
Imipenem	IPM_N	284	0
Minocycline	MNO_N	0	0
Nitrofurantoin	NIT_N	200	0
Ofloxacin	OFX_N	0	0
Oxacillin	OXA_N	232	0
Penicillin_G	PEN_N	320	18
Rifampin	RIF_N	0	NA
Sulfamethoxazole_and_trimethoprim	SXT_N	517	23
Teicoplanin	TEC_N	0	0
Tetracycline	TCY_N	27	0
Ticarcillin_and_clavulanic_acid	TCC_N	0	0
Tobramycin	TOB_N	66	0
Vancomycin	VAN_N	326	191
	Organism type	622	
	Serotype	0	
	Beta-lactamase	0	

<sup>\*</sup> For antibiotics used for the AST, the numbers in this column should be 0. This is because there should be no data that is not translated into S, I or R. This may occur when laboratories record some number into the same column (e.g. a mix of S I R and zone size) or when dictionary is still incomplete (e.g. recording "R" and "R - no zone" but having only "R" in the dictionary); NA=Not applicable. This could occur when the variable names for antibiotics are not used in AMASS.

Table S3 (continue): List of variables recorded for "antibiotics" in your microbiology data file

Variable names used for "antibiotics" described in AMASS	Variable names recorded for "antibiotics" in your microbiology data file	Number of observations containing S, I, or R for each antibiotic	Number of observations containing some data (i.e. not blank) which were not translated into S, I or R*
	ESBL	0	
	Comment	0	
	Date of admission	0	
	CZX_N	0	
	MAN_N	20	
	Date of data entry	622	
	CEP_N	288	
	MEZ_N	242	
	NOR_N	94	
	NOV_N	0	
	PIP_N	150	
	CRB_N	47	
	Reason	0	
	First name	0	
	Origin	0	
	Country	622	
	Laboratory	622	
	SSS_N	0	
	Last name	0	
	Sex	0	
	Specimen type (Numeric)	622	
	Date of birth	0	
	Location	622	
	Institution	622	
	Location type	622	
	Age category	0	
	Specimen number	622	
	Department	622	
	Age	0	

<sup>\*</sup> For antibiotics used for the AST, the numbers in this column should be 0. This is because there should be no data that is not translated into S, I or R. This may occur when laboratories record some number into the same column (e.g. a mix of S I R and zone size) or when dictionary is still incomplete (e.g. recording "R" and "R - no zone" but having only "R" in the dictionary); NA=Not applicable. This could occur when the variable names for antibiotics are not used in AMASS.

### Table S3 (continue): List of variables recorded for "antibiotics" in your microbiology data file

Variable names used for "antibiotics" described in AMASS	Variable names recorded for "antibiotics" in your microbiology data file	Number of observations containing S, I, or R for each antibiotic	Number of observations containing some data (i.e. not blank) which were not translated into S, I or R*
	Age	0	
	TIC_N	22	

<sup>\*</sup> For antibiotics used for the AST, the numbers in this column should be 0. This is because there should be no data that is not translated into S, I or R. This may occur when laboratories record some number into the same column (e.g. a mix of S I R and zone size) or when dictionary is still incomplete (e.g. recording "R" and "R - no zone" but having only "R" in the dictionary); NA=Not applicable. This could occur when the variable names for antibiotics are not used in AMASS.

Table S7: List of variable names in your microbiology\_data file

Variable names used in your microbiology data file	
Origin	
Country	
Laboratory	
PATIENT_ID	
First name	
Last name	
Sex	
Date of birth	
Age	
Location	
Institution	
Location type	
Age category	
Specimen number	
Department	
SPEC_DATE	
SPEC_TYPE	
Specimen type (Numeric)	
Reason	
Date of data entry	
ORGANISM	
Organism type	
Serotype	
Beta-lactamase	
ESBL	
Comment	
Date of admission	
AMK_N	
AMC_N	
AMP_N	

Table S7 (continue): List of variable names in your microbiology\_data file

Variable names used in your microbiology data file
ATM_N
CRB_N
MAN_N
CTX_N
FOX_N
CAZ_N
CZX_N
CXM_N
CEP_N
CHL_N
CIP_N
CLI_N
DOX_N
ERY_N
GEN_N
IPM_N
MEZ_N
MNO_N
NIT_N
NOR_N
NOV_N
OXA_N
OFX_N
PEN_N
PIP_N
RIF_N
SSS_N
TEC_N
TCY_N

### Table S7 (continue): List of variable names in your microbiology\_data file

Variable names used in your microbiology data file
TCY_N
TIC_N
TCC_N
TOB_N
SXT_N
VAN_N

Table S9: Duplicate mapping of data value of variable in your with data values of variable describe in AMASS

Data values of variable name in your data files	Data values of variable name described in AMASS
ahe	organism_arcanobacterium_haemolyticum
ahe	organism_corynebacterium_haemolyticum
apn	organism_aeromonas_spp
apn	organism_aeromonas_spp
bal	organism_bacillus_alvei
bal	organism_paenibacillus_alvei
bay	organism_brevibacterium_acetylicum
bay	organism_exiguobacterium_acetylicum
bgl	organism_burkholderia_spp
bgl	organism_pseudomonas_spp
bma	organism_burkholderia_spp
bma	organism_pseudomonas_spp
bmc	organism_paenibacillus_macerans
bmc	organism_bacillus_macerans
bpo	organism_bacillus_polymyxa
bpo	organism_paenibacillus_polymyxa
caj	organism_campylobacter_spp
caj	organism_campylobacter_spp
cdi	organism_citrobacter_koseri
cdi	organism_citrobacter_spp
cfe	organism_campylobacter_spp
cfe	organism_campylobacter_spp
clr	organism_campylobacter_spp
clr	organism_campylobacter_spp
csp	organism_campylobacter_spp
csp	organism_campylobacter_spp
eae	organism_klebsiella_spp
eae	organism_enterobacter_spp
ecg	organism_enterobacter_spp
ecg	organism_enterobacter_spp

# Table S9 (continue): Duplicate mapping of data value of variable in your with data values of variable describe in AMASS

Data values of variable name in your data files	Data values of variable name described in AMASS	
ecl	organism_enterobacter_cloacae_complex	
ecl	organism_enterobacter_spp	
efa	organism_enterococcus_faecalis	
efa	organism_streptococcus_spp	
efm	organism_enterococcus_faecium	
efm	organism_streptococcus_spp	
kkr	organism_kocuria_spp	
kkr	organism_micrococcus_kristinae	
kor	organism_klebsiella_spp	
kor	organism_raoultella_ornitholytica	
kor	organism_klebsiella_spp	
kox	organism_klebsiella_oxytoca	
kox	organism_klebsiella_spp	
koz	organism_klebsiella_pneumoniae	
koz	organism_klebsiella_spp	
kpl	organism_klebsiella_spp	
kpl	organism_klebsiella_spp	
kpl	organism_raoultella_planticola	
kpn	organism_klebsiella_pneumoniae	
kpn	organism_klebsiella_pneumoniae	
krn	organism_klebsiella_pneumoniae	
krn	organism_klebsiella_spp	
kro	organism_kocuria_rosea	
kro	organism_micrococcus_roseus	
kte	organism_raoultella_terrigena	
kte	organism_klebsiella_spp	
kva	organism_kocuria_varians	
kva	organism_micrococcus_varians	
lad	organism_escherichia_spp	
	I.	

# Table S9 (continue): Duplicate mapping of data value of variable in your with data values of variable describe in AMASS

Data values of variable name in your data files	Data values of variable name described in AMASS
lad	organism_leclercia_adecarboxylata
pae	organism_pseudomonas_aeruginosa
pae	organism_pseudomonas_spp
pal	organism_proteus_spp
pal	organism_providencia_spp
pam	organism_pasteurella_spp
pam	organism_pasteurella_spp
pav	organism_haemophilus_spp
pav	organism_pasteurella_spp
pce	organism_pseudomonas_spp
pce	organism_burkholderia_cepacia_complex
pga	organism_pasteurella_spp
pga	organism_pasteurella_spp
pma	organism_pseudomonas_spp
pma	organism_stenotrophomonas_maltophilia
ppi	organism_burkholderia_spp
ppi	organism_pseudomonas_spp
ppi	organism_pseudomonas_spp
ppm	organism_burkholderia_pseudomallei
ppm	organism_pseudomonas_spp
pre	organism_proteus_rettgeri
pre	organism_providencia_spp
psp	organism_pasteurella_spp
psp	organism_pasteurella_spp
sab	organism_salmonella_paratyphi
sab	organism_salmonella_schottmuelleri
sat	organism_salmonella_typhi
sat	organism_salmonella_spp
scn	organism_staphylococcus_coagulase_negative
	I .

# Table S9 (continue): Duplicate mapping of data value of variable in your with data values of variable describe in AMASS

Data values of variable name in your data files	Data values of variable name described in AMASS
scn	organism_staphylococcus_coagulase_negative
scn	organism_staphylococcus_spp
sep	organism_staphylococcus_albus
sep	organism_staphylococcus_epidermidis
sga	organism_salmonella_gallinarum
sga	organism_salmonella_pullorum
sho	organism_staphylococcus_hominis
sho	organism_staphylococcus_hominis
spa	organism_sphingomonas_spp
spa	organism_pseudomonas_spp
spc	organism_serratia_spp
spc	organism_serratia_spp
spf	organism_pseudomonas_spp
spf	organism_shewanella_spp
squ	organism_streptococcus_spp
squ	organism_streptococcus_spp
stc	organism_staphylococcus_cohnii
stc	organism_staphylococcus_cohnii
sui	organism_streptococcus_suis
sui	organism_streptococcus_spp
svi	organism_streptococcus_spp
svi	organism_viridans_group_streptococci
szo	organism_streptococcus_spp
SZO	organism_streptococcus_spp

Table S10A: List of data values of variable recorded for "ward" in your microbiology data file
No ward column in microbiology data file defined in dictionary for wards.

Table S10B: List of data values of variable recorded for "ward" in your hospital admission data file. (Data values will be used if missing ward data in microbiology data file for that merged data record.)

No ward column in hospital admission data file defined in dictionary for wards.