Data verification log file

Hospital name: Hypothetical Hospital
Country name: Hypothetical Country

Data from:
02 Jan 2016 to 10 Jan 2017

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 Mar 2024 16:57:25
Software version: 3.0 released on 20 MAR 2024

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:

50414 records with collection dates ranging from **02 Jan 2016** to **10 Jan 2017**

Collection date are in multiple formats.

YMD format. Example : **2016-11-10 00:00:00, 2016-11-10 00:00:00, 2016-11-10 00:00:00**

others defined format. Example : **19feb2016, 22dec2016, 26jul2016**

Microbiology data's hospital number are from **1** to **9** charecter lengths. The following are most common lengths.

6 charecters long : **91.82% (46290/50414)**

3 charecters long : **3.25% (1639/50414)**

4 charecters long : **2.62% (1321/50414)**

Missing data.

0 records are missing or unknown format of collection date.

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

0 records are missing specimen type.

0 records are missing culture result.

The hospital_admission_data file (stored in the same folder as the application file) had:

247260 records with admission dates ranging from **01 Jan 2016** to **31 Dec 2016**

Admission date are in **others** format. Example : **23aug2016, 12dec2016, 03jul2016**

Discharge date are in **others** format. Example : **18may2016, 01sep2016, 16may2016**

hospital admission data's hospital number are from **1** to **7** charecter lengths. The following are most common lengths.

7 charecters long : **80.0% (197808/247260)**

6 charecters long : **18.72% (46287/247260)**

3 charecters long : **0.66% (1634/247260)**

Missing data.

0 records are missing or unknown format of admission date.

0 records are missing or unknown format of discharge date.

0 records are wrong date or wrong date format of admission date.

0 records are wrong date or wrong date format of discharge date

0 records are missing outcome.

10 records are missing age.

0 records are missing gender.

The merged data set between microbiology data and hospital admission data had:

Microbiology data records unable to merged with hospital admission data records.

944 records are unable to merge due to no hospital number found in hospital admission data.

368 records are unable to merge due to have hospital number found in hospital admission data but collection date not in admission period.

Merged data.

49102 records are merged (All specimen type).

14833 records are merged (Only blood specimen).

13975 records are merged (Only BSI specimen).

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		0
organism_acinetobacter_baumannii	Acinetobacter baumannii	422
organism_acinetobacter_calcoaceticus		0
organism_acinetobacter_haemolyticus		0
organism_acinetobacter_johnsonii		0
organism_acinetobacter_junii		0
organism_acinetobacter_lwoffii		0
organism_acinetobacter_nosocomialis		0
organism_acinetobacter_pittii		0
organism_acinetobacter_spp	Acinetobacter spp	18
organism_enterococcus_avium		0
organism_enterococcus_casseliflavus		0
organism_enterococcus_dispar		0
organism_enterococcus_durans		0
organism_enterococcus_faecalis		0
organism_enterococcus_faecium		0
organism_enterococcus_flavescens		0
organism_enterococcus_gallinarum		0
organism_enterococcus_hirae		0
organism_enterococcus_malodoratus		0
organism_enterococcus_mundtii		0
organism_enterococcus_pseudoavium		0
organism_enterococcus_raffinosus		0
organism_enterococcus_seriolicida		0
organism_enterococcus_solitarius		0
organism_enterococcus_spp	Enterococcus spp	163
organism_escherichia_coli	Escherichia coli	963
organism_klebsiella_pneumoniae	Klebsiella pneumoniae	440
organism_no_growth	no growth	44018
organism_pseudomonas_aeruginosa	Pseudomonas aeruginosa	175

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_agona		0
organism_salmonella_amsterdam		0
organism_salmonella_anatum		0
organism_salmonella_arechavaleta		0
organism_salmonella_bareilly		0
organism_salmonella_blockley		0
organism_salmonella_bongori		0
organism_salmonella_bonn		0
organism_salmonella_bovismorbificans		0
organism_salmonella_braenderup		0
organism_salmonella_brandenburg		0
organism_salmonella_bredeney		0
organism_salmonella_cerro		0
organism_salmonella_chester		0
organism_salmonella_choleraesuis		0
organism_salmonella_copenhagen		0
organism_salmonella_derby		0
organism_salmonella_dublin		0
organism_salmonella_emek		0
organism_salmonella_enteritidis		0
organism_salmonella_falkensee		0
organism_salmonella_gallinarum		0
organism_salmonella_give		0
organism_salmonella_goldcoast		0
organism_salmonella_hadar		0
organism_salmonella_heidelberg		0
organism_salmonella_hirschfeldii		0
organism_salmonella_infantis		0
organism_salmonella_java		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_javiana		0
organism_salmonella_kaapstad		0
organism_salmonella_kedougou		0
organism_salmonella_kentucky		0
organism_salmonella_kottbus		0
organism_salmonella_krefeld		0
organism_salmonella_lexington		0
organism_salmonella_litchfield		0
organism_salmonella_livingstone		0
organism_salmonella_lomita		0
organism_salmonella_london		0
organism_salmonella_manhattan		0
organism_salmonella_mbandaka		0
organism_salmonella_montevideo		0
organism_salmonella_muenchen		0
organism_salmonella_muenster		0
organism_salmonella_narashino		0
organism_salmonella_newport		0
organism_salmonella_ohio		0
organism_salmonella_oranienburg		0
organism_salmonella_orion		0
organism_salmonella_ouakam		0
organism_salmonella_panama		0
organism_salmonella_paratyphi		0
organism_salmonella_poona		0
organism_salmonella_potsdam		0
organism_salmonella_pullorum		0
organism_salmonella_reading		0
organism_salmonella_rissen		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_rissen		0
organism_salmonella_saintpaul		0
organism_salmonella_schottmuelleri		0
organism_salmonella_schwarzengrund		0
organism_salmonella_senftenberg		0
organism_salmonella_spp	Salmonella serogroup O:13	9
organism_salmonella_spp	Salmonella serogroup C	36
organism_salmonella_spp	Salmonella serogroup B	12
organism_salmonella_spp	Salmonella serogroup D	73
organism_salmonella_spp	Salmonella serogroup E	6
organism_salmonella_stanley		0
organism_salmonella_tennessee		0
organism_salmonella_thompson		0
organism_salmonella_typhi		0
organism_salmonella_typhimurium		0
organism_salmonella_typhisuis		0
organism_salmonella_virchow		0
organism_salmonella_virginia		0
organism_salmonella_wandsworth		0
organism_salmonella_weltevreden		0
organism_salmonella_weybridge		0
organism_salmonella_worthington		0
organism_staphylococcus_aureus	Staphylococcus aureus	415
organism_streptococcus_pneumoniae	Streptococcus pneumoniae	71

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		0
organism_achromobacter_xylosoxidans		0
organism_aeromonas_caviae		0
organism_aeromonas_dhakensis		0
organism_aeromonas_hydrophila		0
organism_aeromonas_spp		0
organism_aeromonas_veronii		0
organism_arcanobacterium_haemolyticum		0
organism_arcanobacterium_spp		0
organism_arthrobacter_spp		0
organism_bacillus_alvei		0
organism_bacillus_anthracis		0
organism_bacillus_brevis		0
organism_bacillus_cereus		0
organism_bacillus_circulans		0
organism_bacillus_coagulans		0
organism_bacillus_firmus		0
organism_bacillus_laterosporus		0
organism_bacillus_lentus		0
organism_bacillus_licheniformis		0
organism_bacillus_macerans		0
organism_bacillus_megaterium		0
organism_bacillus_mycoides		0
organism_bacillus_pantothenticus		0
organism_bacillus_polymyxa		0
organism_bacillus_pumilus		0
organism_bacillus_sphaericus		0
organism_bacillus_spp		0
organism_bacillus_stearothermophilus		0
organism_bacillus_subtilis		0

Table S1B (continue): 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_bacillus_thuringiensis		0
organism_brevibacillus_spp		0
organism_brevibacterium_acetylicum		0
organism_brevibacterium_casei		0
organism_brevibacterium_epidermidis		0
organism_brevibacterium_mcbrellneri		0
organism_brevibacterium_spp		0
organism_brucella_abortus		0
organism_brucella_canis		0
organism_brucella_melitensis		0
organism_brucella_spp		0
organism_brucella_suis		0
organism_burkholderia_cepacia_complex		0
organism_burkholderia_pseudomallei	Burkholderia pseudomallei	432
organism_burkholderia_spp		0
organism_campylobacter_spp		0
organism_cellulomonas_cellulans		0
organism_cellulomonas_spp		0
organism_cellulomonas_turbata		0
organism_cellulosimicrobium_spp		0
organism_chryseobacterium_spp		0
organism_citrobacter_amalonaticus		0
organism_citrobacter_freundii		0
organism_citrobacter_koseri		0
organism_citrobacter_spp		0
organism_corynebacterium_accolens		0
organism_corynebacterium_afermentans		0
organism_corynebacterium_amycolatum		0
organism_corynebacterium_aquaticum		0

Table S1B (continue): 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_corynebacterium_bovis		0
organism_corynebacterium_cystitidis		0
organism_corynebacterium_diphtheriae		0
organism_corynebacterium_equi		0
organism_corynebacterium_glutamicum		0
organism_corynebacterium_haemolyticum		0
organism_corynebacterium_jeikeium		0
organism_corynebacterium_kutscheri		0
organism_corynebacterium_macginleyi		0
organism_corynebacterium_matruchotii		0
organism_corynebacterium_michiganense		0
organism_corynebacterium_minutissimum		0
organism_corynebacterium_mycetoides		0
organism_corynebacterium_pilosum		0
organism_corynebacterium_propinquum		0
organism_corynebacterium_pseudodiphtheriticum		0
organism_corynebacterium_pseudotuberculosis		0
organism_corynebacterium_pyogenes		0
organism_corynebacterium_renale		0
organism_corynebacterium_spp		0
organism_corynebacterium_striatum		0
organism_corynebacterium_ulcerans		0
organism_corynebacterium_urealyticum		0
organism_corynebacterium_xerosis		0
organism_cryptococcus_spp		0
organism_cutibacterium_spp		0
organism_dermabacter_hominis		0
organism_dermabacter_spp		0
organism_dermacoccus_spp		0

Table S1B (continue): 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_diphtheroids_spp		0
organism_elizabethkingia_anophelis		0
organism_elizabethkingia_meningoseptica		0
organism_enterobacter_cloacae_complex		0
organism_enterobacter_spp		0
organism_escherichia_hermannii		0
organism_escherichia_spp		0
organism_exiguobacterium_acetylicum		0
organism_exiguobacterium_spp		0
organism_geobacillus_spp		0
organism_haemophilus_influenzae		0
organism_haemophilus_spp		0
organism_hafnia_alvei		0
organism_helcobacillus_spp		0
organism_helicobacter_pylori		0
organism_janibacter_spp		0
organism_klebsiella_aerogenes		0
organism_klebsiella_oxytoca	Klebsiella oxytoca	100
organism_klebsiella_spp		0
organism_klebsiella_variicola		0
organism_knoellia_spp		0
organism_kocuria_rosea		0
organism_kocuria_spp		0
organism_kocuria_varians		0
organism_kytococcus_spp		0
organism_leclercia_adecarboxylata		0
organism_leifsonia_spp		0
organism_listeria_monocytogenes		0
organism_listeria_spp		0

Table S1B (continue): 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_microbacterium_arborescens		0
organism_microbacterium_imperiale		0
organism_microbacterium_spp		0
organism_micrococcus_kristinae		0
organism_micrococcus_luteus		0
organism_micrococcus_roseus		0
organism_micrococcus_spp		0
organism_micrococcus_varians		0
organism_moraxella_spp		0
organism_morganella_morganii		0
organism_morganella_spp		0
organism_neisseria_gonorrhoeae		0
organism_neisseria_meningitidis		0
organism_nesterenkonia_spp		0
organism_ochrobactrum_anthropi		0
organism_other_contaminants		0
organism_other_enterobacteriaceae		0
organism_paenibacillus_alvei		0
organism_paenibacillus_macerans		0
organism_paenibacillus_polymyxa		0
organism_paenibacillus_spp		0
organism_pasteurella_spp		0
organism_propionibacterium_acnes		0
organism_propionibacterium_avidum		0
organism_propionibacterium_freudenreichii		0
organism_propionibacterium_granulosum		0
organism_propionibacterium_jensenii		0
organism_propionibacterium_lymphophilum		0
organism_propionibacterium_propionicus		0

Table S1B (continue): 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_propionibacterium_spp		0
organism_proteus_mirabilis		0
organism_proteus_penneri		0
organism_proteus_rettgeri		0
organism_proteus_spp		0
organism_proteus_stuartii		0
organism_proteus_vulgaris		0
organism_providencia_spp		0
organism_pseudoclavibacter_spp		0
organism_pseudomonas_spp		0
organism_raoultella_ornitholytica		0
organism_raoultella_planticola		0
organism_raoultella_spp		0
organism_raoultella_terrigena		0
organism_serratia_marcescens		0
organism_serratia_spp		0
organism_shewanella_spp		0
organism_shigella_boydii		0
organism_shigella_dysenteriae		0
organism_shigella_flexneri		0
organism_shigella_sonnei		0
organism_shigella_spp		0
organism_sphingomonas_spp		0
organism_staphylococcus_albus		0
organism_staphylococcus_arlettae		0
organism_staphylococcus_auricularis		0
organism_staphylococcus_capitis		0
organism_staphylococcus_caprae		0
organism_staphylococcus_carnosus		0

Table S1B (continue): 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_staphylococcus_caseolyticus		0
organism_staphylococcus_chromogenes		0
organism_staphylococcus_coagulans		0
organism_staphylococcus_coagulase_negative		0
organism_staphylococcus_cohnii		0
organism_staphylococcus_delphini		0
organism_staphylococcus_epidermidis	Staphylococcus epidermidis	742
organism_staphylococcus_equorum		0
organism_staphylococcus_felis		0
organism_staphylococcus_gallinarum		0
organism_staphylococcus_haemolyticus		0
organism_staphylococcus_hominis		0
organism_staphylococcus_hyicus		0
organism_staphylococcus_intermedius		0
organism_staphylococcus_kloosii		0
organism_staphylococcus_lentus		0
organism_staphylococcus_lugdunensis		0
organism_staphylococcus_muscae		0
organism_staphylococcus_pasteuri		0
organism_staphylococcus_piscifermentans		0
organism_staphylococcus_pulvereri		0
organism_staphylococcus_saccharolyticus		0
organism_staphylococcus_saprophyticus		0
organism_staphylococcus_schleiferi		0
organism_staphylococcus_sciuri		0
organism_staphylococcus_simulans		0
organism_staphylococcus_spp		0
organism_staphylococcus_warneri		0
organism_staphylococcus_xylosus		0

Table S1B (continue): 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_stenotrophomonas_maltophilia		0
organism_stenotrophomonas_spp		0
organism_streptococcus_agalactiae		0
organism_streptococcus_alactolyticus		0
organism_streptococcus_anginosus		0
organism_streptococcus_bovis		0
organism_streptococcus_canis		0
organism_streptococcus_constellatus		0
organism_streptococcus_cristatus		0
organism_streptococcus_dysgalactiae		0
organism_streptococcus_gallolyticus		0
organism_streptococcus_gordonii		0
organism_streptococcus_hyointestinalis		0
organism_streptococcus_infantis		0
organism_streptococcus_intermedius		0
organism_streptococcus_lutetiensis		0
organism_streptococcus_mitis		0
organism_streptococcus_mutans		0
organism_streptococcus_oralis		0
organism_streptococcus_parasanguinis		0
organism_streptococcus_pluranimalium		0
organism_streptococcus_porcinus		0
organism_streptococcus_pseudoporcinus		0
organism_streptococcus_pyogenes		0
organism_streptococcus_salivarius		0
organism_streptococcus_sanguinis		0
organism_streptococcus_spp		0
organism_streptococcus_suis		0
organism_streptococcus_thoraltensis		0

Table S1B (continue): 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_streptococcus_thoraltensis		0
organism_streptococcus_uberis		0
organism_streptococcus_vestibularis		0
organism_trueperella_spp		0
organism_vibrio_alginolyticus		0
organism_vibrio_carchariae		0
organism_vibrio_cholerae		0
organism_vibrio_cincinnatiensis		0
organism_vibrio_damsela		0
organism_vibrio_fluvialis		0
organism_vibrio_furnissii		0
organism_vibrio_hollisae		0
organism_vibrio_metschnikovii		0
organism_vibrio_mimicus		0
organism_vibrio_parahaemolyticus		0
organism_vibrio_spp	Vibrio spp	47
organism_vibrio_vulnificus		0
organism_virgibacillus_spp		0
organism_viridans_group_streptococci		0
organism_yersinia_enterocolitica		0
organism_yersinia_pseudotuberculosis		0
organism_yersinia_spp		0
	others	2272

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	15878
specimen_cerebrospinal_fluid	503
specimen_genital_swab	478
specimen_others	3454
specimen_respiratory_tract	9819
specimen_stool	623
specimen_urine	19659

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	blood	15878
specimen_cerebrospinal_fluid	csf	503
specimen_genital_swab	genital swab	478
specimen_others	pus from wound	2011
specimen_others	other	1443
specimen_respiratory_tract	sputum	9819
specimen_stool	stool	623
specimen_urine	urine	19659

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	AK	100	0
Amoxicillin	AMX	100	0
Ampicillin	AP	846	0
Cefepime	FEP	224	0
Cefotaxime	CTX	986	0
Cefoxitin	FOX	415	0
Cefpodoxime	CPD	0	0
Ceftazidime	CAZ	1292	0
Ceftriaxone	CRO	1439	0
Ciprofloxacin	CFX	1542	0
Clindamycin	DA	486	0
Colistin	CL	0	0
Daptomycin	DAP	0	0
Doripenem	DOR	3	0
Ertapenem	ETP	1303	0
Erythromycin	E	71	0
Gentamicin	GM	2018	0
Imipenem	IPM	1918	0
Levofloxacin	LVX	0	0
Linezolid	LNZ	21	0
Meropenem	MEM	1419	0
Minocycline	MI	0	0
Oxacillin	OX	0	0
Penicillin_G	PG	60	0
Piperacillin_and_tazobactam	TZP	29	0
Sulfamethoxazole_and_trimethoprim	SXT	1372	0
Teicoplanin	TCO	0	0
Tigecycline	TGC	440	0
Vancomycin	VAN	578	0
	department	4124	

* 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*
	department	4124	

* 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 S4: List of data values of variable recorded for "gender" in your hospital admission data file

Data values of variable used for "gender" described in AMASS	Data values of variable recorded for "gender" in your hospital admission data file	Number of observations
male	M	117455
female	F	117340
		12465

Table S5: List of data values of variable recorded for "age" in your hospital admission data file

Data values of variable used for "age" described in AMASS	Data values of variable recorded for "age" in your hospital admission data file	Number of observations
Less than 1 year	0	1360
1 to 4 years	1	3000
1 to 4 years	2	2880
1 to 4 years	3	3120
1 to 4 years	4	2860
5 to 14 years	5	3005
5 to 14 years	6	2735
5 to 14 years	7	2905
5 to 14 years	8	2825
5 to 14 years	9	3100
5 to 14 years	10	2880
5 to 14 years	11	2885
5 to 14 years	12	3050
5 to 14 years	13	2765
5 to 14 years	14	2860
15 to 24 years	15	2905
15 to 24 years	16	3090
15 to 24 years	17	2850
15 to 24 years	18	2850
15 to 24 years	19	2775
15 to 24 years	20	2755
15 to 24 years	21	2870
15 to 24 years	22	3250
15 to 24 years	23	2900
15 to 24 years	24	2820
25 to 34 years	25	2785
25 to 34 years	26	2845
25 to 34 years	27	2950
25 to 34 years	28	2795
25 to 34 years	29	2640

Table S5 (continue): List of data values of variable recorded for "age" in your hospital admission data file

Data values of variable used for "age" described in AMASS	Data values of variable recorded for "age" in your hospital admission data file	Number of observations
25 to 34 years	30	2825
25 to 34 years	31	3070
25 to 34 years	32	2795
25 to 34 years	33	2850
25 to 34 years	34	2855
35 to 44 years	35	3020
35 to 44 years	36	2875
35 to 44 years	37	2705
35 to 44 years	38	2810
35 to 44 years	39	3115
35 to 44 years	40	3115
35 to 44 years	41	2945
35 to 44 years	42	2885
35 to 44 years	43	3060
35 to 44 years	44	3115
45 to 54 years	45	2945
45 to 54 years	46	2805
45 to 54 years	47	2930
45 to 54 years	48	3005
45 to 54 years	49	2695
45 to 54 years	50	2740
45 to 54 years	51	2890
45 to 54 years	52	2950
45 to 54 years	53	2885
45 to 54 years	54	2960
55 to 64 years	55	2945
55 to 64 years	56	3140
55 to 64 years	57	2645
55 to 64 years	58	3105

Table S5 (continue): List of data values of variable recorded for "age" in your hospital admission data file

Data values of variable used for "age" described in AMASS	Data values of variable recorded for "age" in your hospital admission data file	Number of observations
55 to 64 years	58	3105
55 to 64 years	59	3115
55 to 64 years	60	2820
55 to 64 years	61	2800
55 to 64 years	62	3025
55 to 64 years	63	3145
55 to 64 years	64	2945
65 to 80 years	65	2820
65 to 80 years	66	2850
65 to 80 years	67	2990
65 to 80 years	68	2820
65 to 80 years	69	2950
65 to 80 years	70	3200
65 to 80 years	71	3050
65 to 80 years	72	2870
65 to 80 years	73	2760
65 to 80 years	74	2840
65 to 80 years	75	2935
65 to 80 years	76	2970
65 to 80 years	77	2665
65 to 80 years	78	2875
65 to 80 years	79	2900
65 to 80 years	80	2910
More than 80 years	81	2745
More than 80 years	82	2960
More than 80 years	83	2860
More than 80 years	84	2930
More than 80 years	85	1510

Table S6: List of data values of variable recorded for "discharge status" in your hospital admission data file

Data values of variable name used for "discharge status" described in AMASS	Data values of variable name recorded for "discharge status" in your hospital admission data file	Number of observations
died	discharge to hospice	9000
died	dead	21850
	discharged	216410

Table S7: List of variable names in your microbiology_data file

Variable names used in your microbiology data file
hn
spcdate
spctype
organism
department
FOX
VAN
DA
AMX
TCO
LNZ
DAP
PG
OX
SXT
CRO
CAZ
E
LVX
CFX
CTX
IPM
MEM
ETP
DOR
GM
AK
AP
CPD
FEP

Table S7 (continue): List of variable names in your microbiology_data file

Variable names used in your microbiology data file
FEP
CL
TZP
TGC
MI

Table S8: List of variable names in your hospital_admission_data file

Variable names used in your hospital admission data file
hn
admdate
disdate
gender
age
dischargestatus

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

There are no duplicate records in dictionary files that need your revision.

Table S10A: List of data values of variable recorded for "ward" in your microbiology data file

Data values of variable used for "ward" in AMASS	Data values of variable recorded for "ward" in your microbiology data file	Number of observations
ward_001	male medical ward 1	2900
ward_002	ICU med.	25
ward_003	male medical ward 2	15
ward_004	female medical ward	237
ward_005	female surgery ward	942
ward_006	male medical ward 3	5
		46290

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.