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: 23 Apr 2024 15:27:18
Software version: 3.0 released on 24 APR 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:

50404 records with collection dates ranging from **02 Jan 2016** to **10 Jan 2017**

Collection date are in **others** format. Example : **23mar2016, 26jun2016, 03jun2016**

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

6 charecters long : **91.84% (46290/50404)**

3 charecters long : **3.25% (1639/50404)**

4 charecters long : **2.62% (1321/50404)**

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.

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		0
organism_acinetobacter_baumannii	Acinetobacter baumannii	417
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	410
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	9814
specimen_stool	623
specimen_urine	19654

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	9814
specimen_stool	stool	623
specimen_urine	urine	19654

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
Amoxicillin_and_clavulanic_acid		0	NA
Ampicillin	AP	846	0
Ampicillin_and_sulbactam		0	NA
Aztreonam		0	NA
Cefazolin		0	NA
Cefepime	FEP	224	0
Cefoperazone_and_sulbactam		0	NA
Cefotaxime	CTX	986	0
Cefotetan		0	NA
Cefoxitin	FOX	410	0
Cefpodoxime	CPD	0	NA
Ceftaroline		0	NA
Ceftazidime	CAZ	1292	0
Ceftriaxone	CRO	1439	0
Cefuroxime		0	NA
Chloramphenicol		0	NA
Ciprofloxacin	CFX	1542	0
Clarithromycin		0	NA
Clindamycin	DA	481	0
Colistin	CL	0	NA
Dalfopristin_and_quinupristin		0	NA
Daptomycin	DAP	0	NA
Doripenem	DOR	3	0
Doxycycline		0	NA
Ertapenem	ETP	1303	0
Erythromycin	E	71	0
Fosfomycin		0	NA
Fusidic_acid		0	NA

* 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*
Fusidic_acid		0	NA
Gentamicin	GM	2013	0
Imipenem	IPM	1913	0
Levofloxacin	LVX	0	NA
Linezolid	LNZ	21	0
Meropenem	MEM	1414	0
Methicillin		0	NA
Minocycline	MI	0	NA
Moxifloxacin		0	NA
Nalidixic_acid		0	NA
Netilmicin		0	NA
Nitrofurantoin		0	NA
Ofloxacin		0	NA
Oxacillin	OX	0	NA
Penicillin_G	PG	60	0
Piperacillin_and_tazobactam	TZP	29	0
Polymyxin_B		0	NA
Rifampin		0	NA
Streptomycin		0	NA
Sulfamethoxazole_and_trimethoprim	SXT	1372	0
Teicoplanin	TCO	0	NA
Telavancin		0	NA
Tetracycline		0	NA
Ticarcillin_and_clavulanic_acid		0	NA
Tigecycline	TGC	435	0
Tobramycin		0	NA
Trimethoprim		0	NA
Vancomycin	VAN	573	0

* 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
hn
spcdate
spctype
organism
specimen_number
FOX
DA
VAN
LNZ
CAZ
E
SXT
PG
CTX
CRO
CFX
AP
ETP
GM
IPM
MEM
FEP
DOR
TZP
TGC
AK
AMX
antibiotic
ast_result

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

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.