Part 1-2. Create an ASIARS-Net data file from an Excel data file

5 simple steps

1. Import an Excel file containing surveillance data
2. Make "mapping template“ and specify “Format” sheet
3. Expand "mapping template" and specify the other sheets
4. Output the result of mapping
5. Convert input data into an ASIARS-Net format text file

1. Import an Excel file containing surveillance data.

ASIARS-Net

1. Open the Excel file named “Excel to ASIARS-Net”.

Mapping

InputFileName

Browse

2. Click [Browse] and select an Excel data file.

* If an input file you specified has more than two sheets, this tool reads the first sheet.
* After specifying the input file, please push the following buttons in order.
* If you would like to move this tool to another folder, please also move "Mapping_Data" folder created by this tool together.

1. Make mapping template from input data

Create drop-down lists in "Format" sheet by reading items in the input file.
If you previously did mapping by using the drop-down lists in "Format" sheet, it is restored here.

Please do mapping in the "Format" sheet.
After that, please push the following button "2".

2. Output the mapping template

"Mapping_Data" folder is written to store mapping you did in the "Format" sheet.

3. Expand mapping template to the other sheets

Create drop-down lists in other sheets (Hospital, Bacterium, Antimicrobial, Department, Specimen) based on the mapping stored in the "Mapping_Data" folder.

Please do mapping in the other sheets.

In the "Bacterium", "Antimicrobial", and "Specimen" sheet,
please first push "Auto Mapping" button at the top right,
and then manually add mapping to still empty cells.

After that, please push the following button "4".

4. Output the result of mapping

"Mapping_Data" folder is written again to store mapping you did in the other sheets.

5. Convert input data into ASIARS-Net format file

An ASIARS-Net format text file will be created.

save

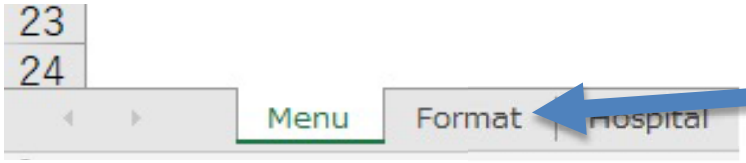
Save all information into "Mapping_Data" folder.
To restore, please push buttons "1", "2", "3" in order.

2. Make "mapping template“ and specify “Format” sheet

ASIARS-Net

1. Make mapping template from input data

1. Click this button to create drop-down lists in the “Format” sheet



2. Click the “Format” tab

3. Select an item of “Mapping” column corresponding to the item in your Excel file. You can search an item by typing first few letters of it in “Filter”.

No.	M: Mandatory	Item	Filter	Mapping	Specification
1	M	Surveillance Category		6	6: international surveillance
2	M	Facility Code			Assigned institutional code
3	M	Patient ID		Identification number	crypted unique ID using 30 single-byte characters
4		Admission Date			YY: year, MM: month, DD: day
5		Sex			Male, F: Female
6		Date of Birth			YY: year, MM: month, DD: day
7	M	Hospital Status			Outpatient, 2: Inpatient, 3: Unknown
8		Department			fer to "Department Code"
9		Ward			ee-text format (alphanumeric only)
10		Age			
11	M	Specimen Source			Refer to "Specimen Source Code"
12		Specimen Reception Date			YYYY: year, MM: month, DD: day
13	M	Specimen Collection Date			YYYY: year, MM: month, DD: day
14		Bacterial Culture Result			1: negative, space: positive
15	M	Isolated Bacterium			Refer to "Isolated Bacterial Code"
16	M	Specimen ID			Unique ID using 30 single-byte characters
17	M	Country Code			Refer to "Country Code"

Identification number
Sex
Age
Location type
Specimen number
Specimen collection date
Specimen type
Organism

2. Output the mapping template

4. Click this button to keep your mapping on the “Mapping_data” folder.

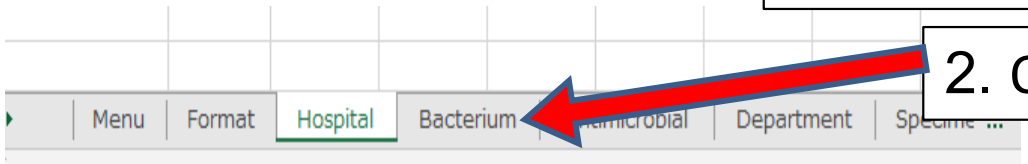
save

If you close the application before completing your mapping, you can save your work clicking this button.

3. Expand “mapping template” and specify the other sheets

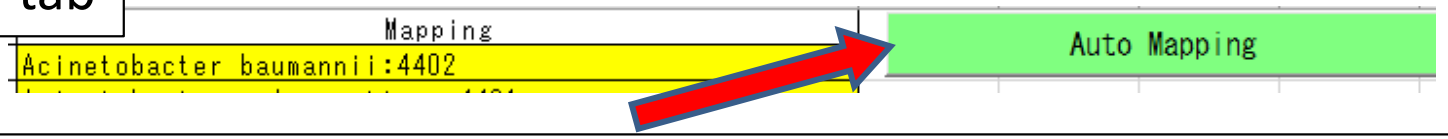
ASIARS-Net

1. Click this button to create drop-down lists in the other sheets (Hospital, Bacterium, Antimicrobial, Department, Specimen)



2. Open these tabs

e.g. In “Bacterium” tab



3. Click “Auto Mapping” to do mapping automatically.
(You will be able to understand how “Auto Mapping” function works at the next slide)

4. Do mapping manually still empty cells that were not mapped automatically.

5. Please repeat mapping in the remaining sheets.

6. To save your mapping data, please click “save” button.
To resume mapping, please click “1”,”2”,“3” in order beforehand.

* In “Antimicrobial” sheet, all the columns in your data file are automatically imported

“Auto Mapping” function

Auto Mapping uses a customizable configuration file (a correspondence sheet between the items in your Excel file and items in the mapping column) stored in “Config” folder of this tool, so you need to prepare for it to use “Auto Mapping” function.

Bacterial Name	Mapping
A. baumannii	Acinetobacter baumannii:4402
A. lwoffii	Acinetobacter lwoffii:4403
Achromobacter xylosoxidans	Alcaligenes xylosoxidans subsp. xylosoxidans:4102
Acinetobacter pittii	Acinetobacter sp.:4400
C. freundii	Citrobacter freundii:2051
E. aerogenes	Enterobacter aerogenes:2152
E. asburiae	Enterobacter asburiae:2155
E. asburiae2.11, E. cloacae2.054	Enterobacter cloacae:2151
E. cloacae	Enterobacter cloacae:2151

Bacteria name in your input file

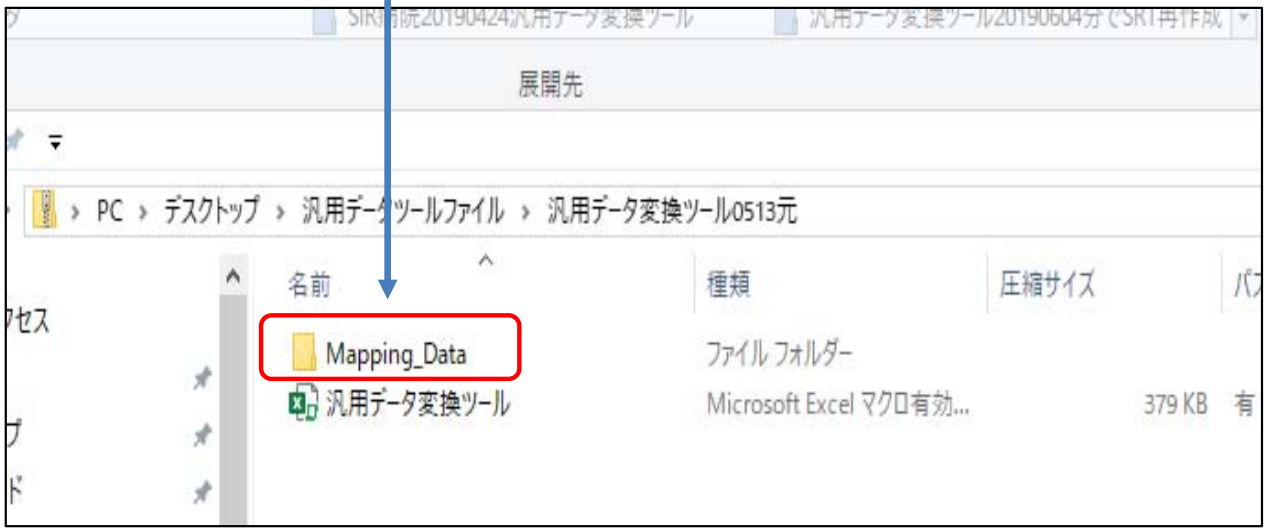
Select a name (code) defined in JANIS

If the default configuration file is not sufficient for your input data, ASIARS-Net team can help to customize it. Feel free to contact the team.

(asiars-net@nih.go.jp)

4. Output the result of mapping

2. [Mapping Date] folder is written again to store mapping you did.

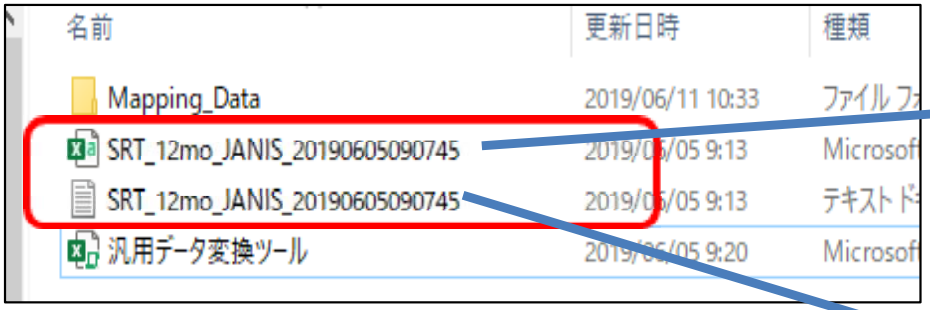


5. Convert input data into an ASIARS-Net format text file

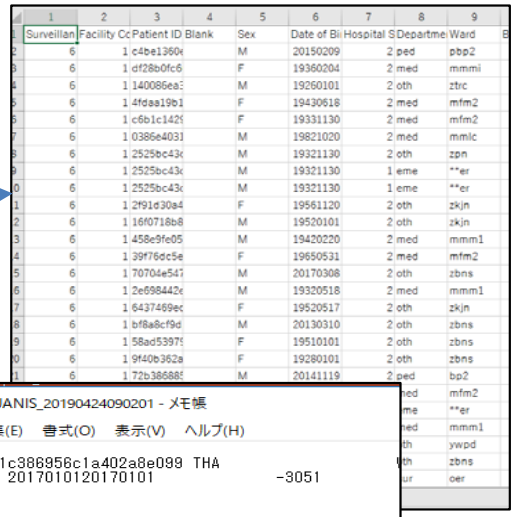
5. Convert input data into ASIARS-Net format file

1. Click this button

2. [CSV] and [txt] files are created next to the “Mapping Data” folder.



[CSV] file



[txt] file