

# Health Accounts Course

## **Module 5:**

The Health Accounts Production Tool

## **Submodule 5.9:**

Advanced Features of HAPT



---

# Content

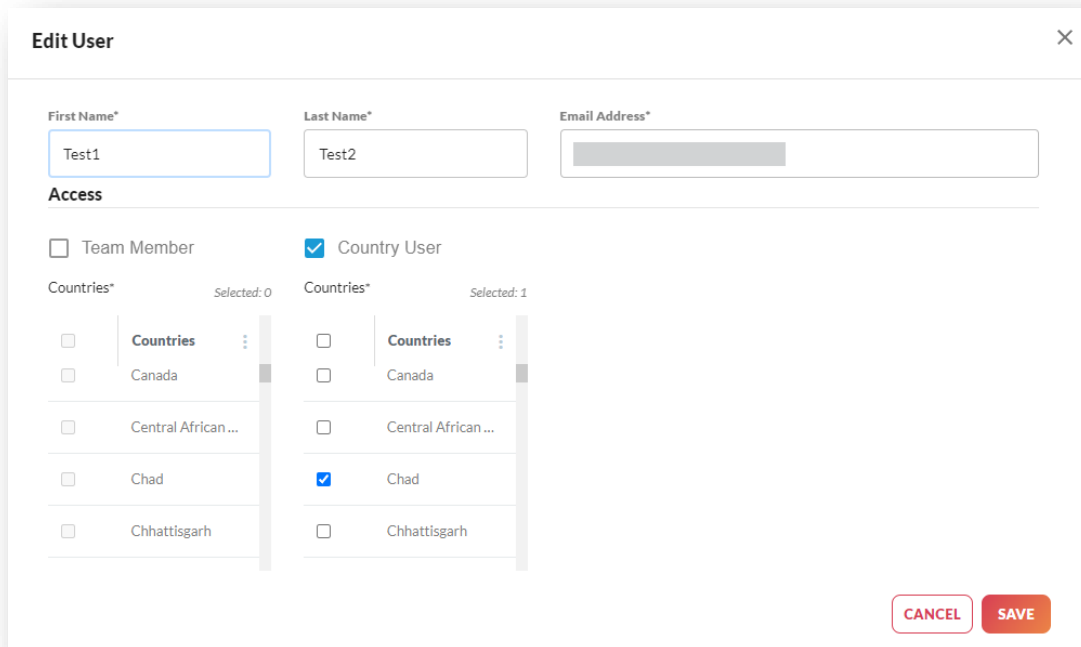
- User Management
- Export and import
- Tips to simplify the work with HAPT
- Never forget to...
- What else? – Additional features in HAPT

## **Additional Content:**

- Suggested reading
- Questions and answers

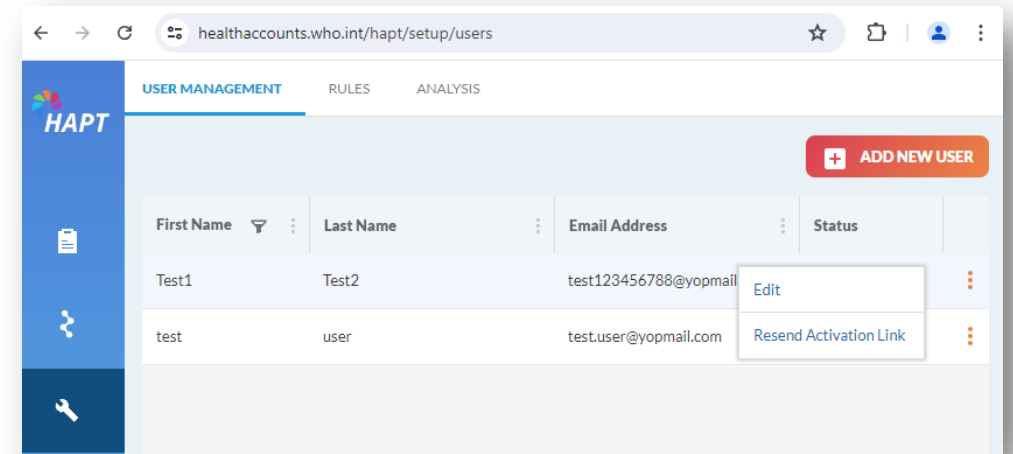
# User Management

- In [Setup >> User Management](#) you can administer the users assigned to the countries you are assigned to as a Team Leader.
- Click on the username to get further details. From the 3-dot-menu of the user you can edit his profile [TL only]. External users are not allowed to resend the invitation. If you need to, kindly contact [haptsupport@who.int](mailto:haptsupport@who.int).



The 'Edit User' modal form contains the following fields and options:

- First Name\***: Text input with 'Test1'.
- Last Name\***: Text input with 'Test2'.
- Email Address\***: Text input (empty).
- Access**:
  - ☐ Team Member
  - ☒ Country User
- Countries\***: Two lists of countries. The left list is labeled 'Selected: 0' and the right list is labeled 'Selected: 1'. Both lists include 'Canada', 'Central African ...', 'Chad', and 'Chhattisgarh'. In the right list, 'Chad' is selected with a blue checkmark.
- Buttons**: 'CANCEL' and 'SAVE' at the bottom right.



The 'USER MANAGEMENT' page shows a table of users with the following columns: First Name, Last Name, Email Address, and Status. There is an 'ADD NEW USER' button at the top right. A 3-dot menu is open for the user 'test', showing 'Edit' and 'Resend Activation Link' options.

First Name	Last Name	Email Address	Status
Test1	Test2	test123456788@yopmail	
test	user	test.user@yopmail.com	

In the 'Edit user' screen a TL can then:

1. Add an existing user to a country you are assigned as a TL;
2. Switch the user role of a Team Member to a Country User or vice versa;
3. Remove the access rights of the user for the countries you are assigned as a TL by deselecting the country.

Changes take effect after user logs out of HAPT.

# Export and import

Numerous import and export functionalities ensure a flexible working environment

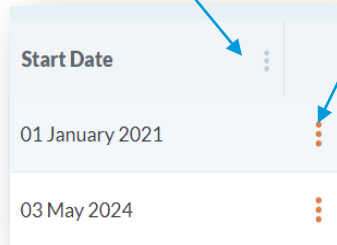
Item	Export to			Import from			Country library *
	Excel (*.xlsx) file	*.csv file	other file format	Old PT file	Excel file	another study (same country)	
Study				✓			
List of data sources					✓	✓	
Data rows					✓		
Mapping	✓	✓				✓	
Classifications	✓				✓	✓	
Split rules and Patterns	✓				✓		✓
Double counting rules						✓	
Graphical flow chart			*.svg			✓	
Tables (incl. JHAQ)	✓						
Reports	✓						
Warnings (report warnings only)	✓						
Survey			*.pdf				

\* The country library enables use of the respective data across all studies relating to the same country.

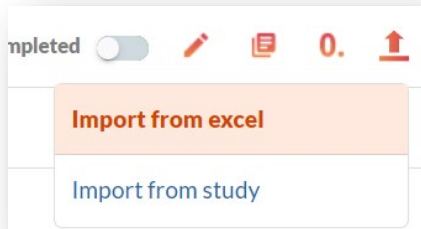
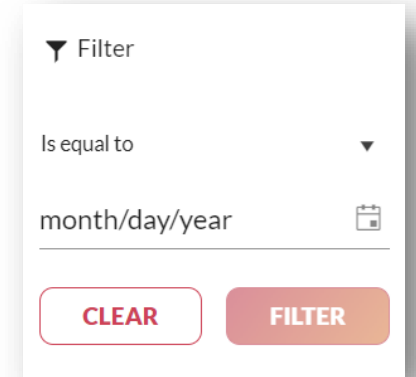
# Tips to simplify the work with HAPT

Check the **three dot menus**: Often there are several of these buttons, which give contextual options.

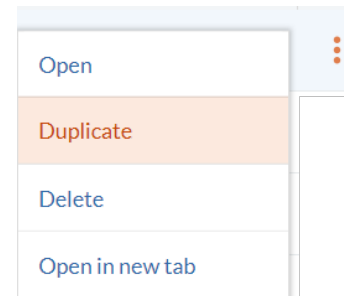
Check columns... ...and rows



**Filters:** You can filter columns by certain criteria. You can find the filter in the three-dot-menu in the table header.



When **importing from Excel** use the same column names for automatic binding. If you have difficulties, export the data first and use the file as a template.



**Duplicate:** If you are not sure what you are doing, duplicate the items beforehand. You can duplicate studies and data sources. Do not rely on “undo”, as it only stores a few steps.

# Never forget to ...



## Comments

Use comments: Making notes on the steps of your work is crucial. Not only for others, who might need to understand your work, but also for yourself. You will have much less work in the following year. Work with “double counting” and “split rules” will be much easier, if explanatory notes are available.



## Flagged

## unflagged

Use flags: You can mark data rows with a flag, if this requires your attention later in the process. Sometimes the tool marks rows for review, e.g. if classifications are changed. You can filter flagged rows and check statistics. Sometimes built-in functions like “find and replace” can flag data rows automatically. But don’t forget to un-flag your rows, when the work is done.




## Notifications

Check your logs in the Notifications module which you can find in the left side menu. Make sure that everything is imported as intended, and that all your operations are completed.

---

# What else? – Additional features in HAPT

- **Library** (separate library in each study: Select the library icon  on the top right corner of your study)
  - **Comments:** Forum for different users to integrate and share study-related details
  - **Documents:** Allows users to store and share their own resources
- **Multiple languages:** English, Spanish, French, Portuguese, Arabic, Chinese, Russian
- **Help pages** provide numerous step by step videos and recommended literature in different languages
- **Setup:**
  - **User Management:** Check and edit users who have access to your country.
  - **Rules:** Country library to manage Split Rules and Split Patterns that are available across countries.
  - **Analysis:** Change setting for the Analysis Section



## Suggested reading





---

# Suggested reading

- Health Accounts Production Tool (HAPT), User Guide, WHO, Geneva. To be downloaded from HAPT
- Health Accounts Production Tool (HAPT), HAPT PO Guide, WHO, Geneva.
- OECD, EUROSTAT, World Health Organization: A System of Health Accounts 2011: Revised edition. Paris: OECD Publishing; 2017.  
<https://iris.who.int/handle/10665/355269>
- World Health Organization, European Union, and Organisation for Economic Co-operation and Development, A system of health accounts 2011 (concise version), revised edition, June 2017, ISBN: 978 92 4 004923 9,  
<https://www.who.int/publications/i/item/9789240049239>
- Notes on new-added and deleted codes, 2022, WHO, Geneva  
<https://apps.who.int/nha/database/DocumentationCentre/GetFile/60032291/en>
- World Health Organization (2023), Quality control of SHA-based health accounts data, Geneva.

# Questions and answers



---

## Question & Answer [1]




How and when is my  
data saved?

# Question & Answer [1]



How and when is my data saved?

- 
1. Your data will be saved whenever you click Save, OK, Add, or a similar button.
  2. In the Mapping Module the mapping is stored whenever you select "Map". You can undo 10 steps as long as you stay in the same view.
  3. Imported data is saved when the import process is finished. If the internet connection is lost during import, the process must be repeated.
  4. If you are unsure, please check the notifications to see if your process was completed successfully.

---

## Question & Answer [1]



I found a bug and HAPT is not  
behaving as expected.  
What can I do?



# Question & Answer [1]



I found a bug and HAPT is not behaving as expected.  
What can I do?



1. We appreciate any feedback, positive criticism and recommendations. Please mail us at [haptsupport@who.int](mailto:haptsupport@who.int).
2. If you find a bug, please describe what is not working as expected, how it should work and provide screenshots or videos. Provide study name and user role, describe the place where the error occurred and describe the steps necessary to reproduce the error. Provide as much information as possible.
3. If you have issues during import, please provide the input files as well.

---

## Question & Answer [2]



I'm missing a feature in HAPT,  
what can I do?

## Question & Answer [2]



I'm missing a feature in HAPT,  
what can I do?



1. We appreciate any feedback, positive criticism and recommendations. Please mail us at [haptsupport@who.int](mailto:haptsupport@who.int).
2. If you have an idea for a new feature that should be implemented, please explain in as much detail as possible. Also describe what you currently need to do, to get the result. Screenshots as well as a graphical description will help us understand what is needed.

# Health Accounts Course

## Module 5: The Health Accounts Production Tool

### Submodule

...

5.6 Advanced features in Mapping

5.7 Adding more data - Working with surveys

5.8 Data Validation - The outputs of HAPT

5.9 Advanced Features of HAPT

5.10 The Analysis Section

*This is the end of the ninth submodule “Advanced Features of HAPT”.*

*Join us for submodule 5.10 of the course, where you will learn about the Analysis Section.*