

# Flu Surveillance analysis and extraction 2013

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Many practices currently send in their “Flu returns” every Monday to the ICGP. This system is run by Dr. Michael Joyce. If you are not in the disease surveillance network you do not need to concern yourself with this document.

Here we describe a new analysis which can do the same job but there are two advantages to using the new system

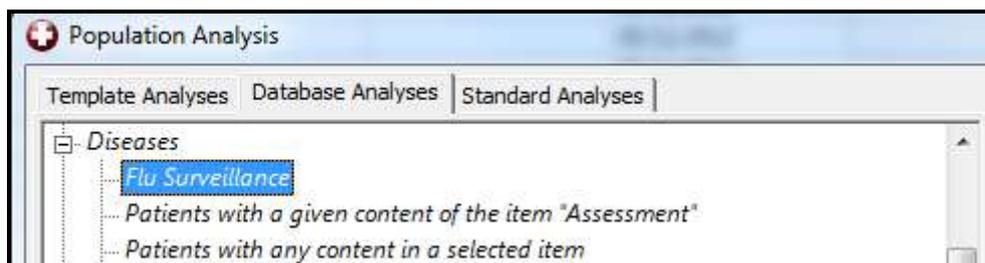
- a) You can send the email every Monday more easily, directly from Health one
- b) You can set an alert to remind you every Monday if it hasn't been done

## 2/ Improvement in Health one Version 7.2.6.1525 (December 2012)

In order to make it easier, an automated process is now available, as an alternative to the current process. The old method will still be available.

### 2.1/ Start manually.

The user can start the flu surveillance dialog by activating the built in analysis and select the new analysis => Flu Surveillance

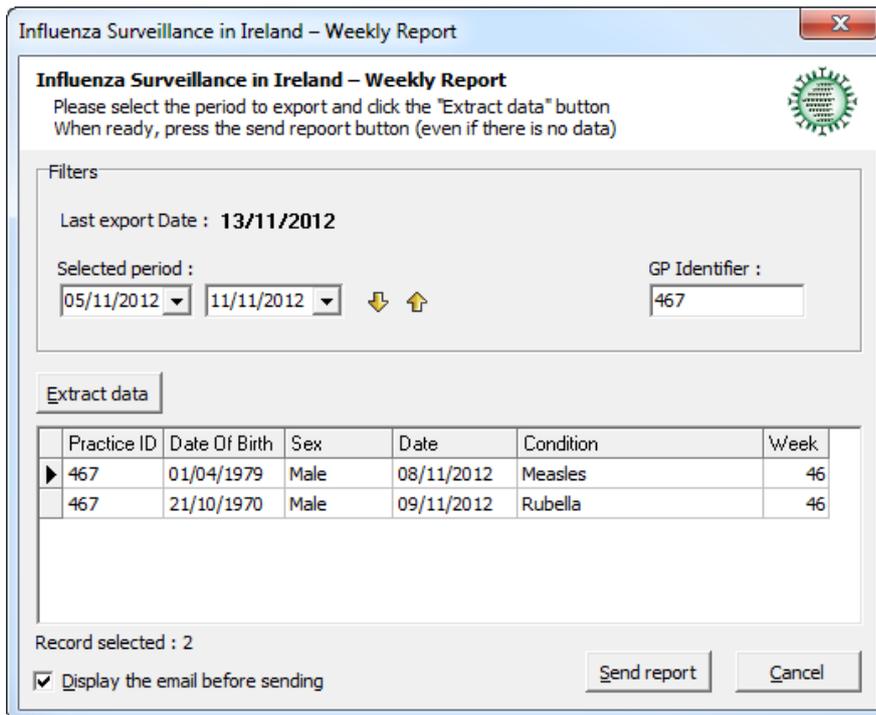


This analysis displays a specific dialog.

### 2.2/ Dialog to export the data

A specific dialog is displayed with several options:

- The last export date is displayed
- The possibility to specify a period – the arrows will make possible change weeks.
- The GP identifier is displayed (from the options)

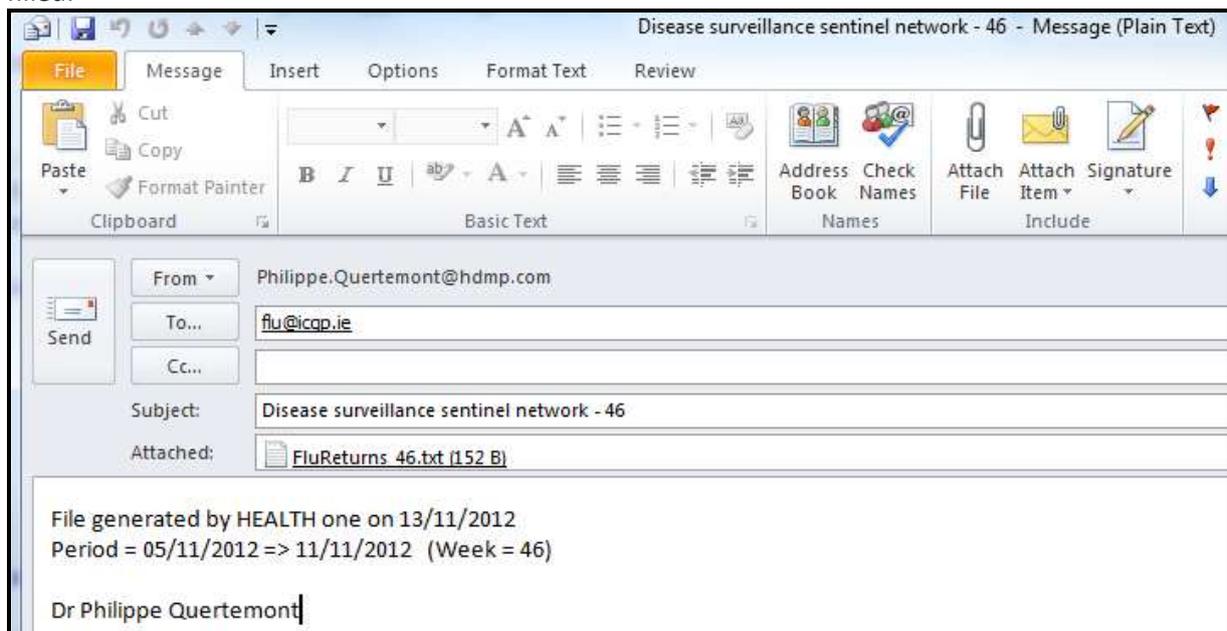


When selecting the correct period (if done regularly, the system will propose the correct period), the user can use the “Extract Data” button to query the database. The result is displayed in the grid.

When the query has been performed, the user can use the “Send Report” button to send the files by email.

After sending the report, the cancel button becomes a “Close” button, so the user closes the dialog. An option “Display the email before sending” is available to review the email before sending.

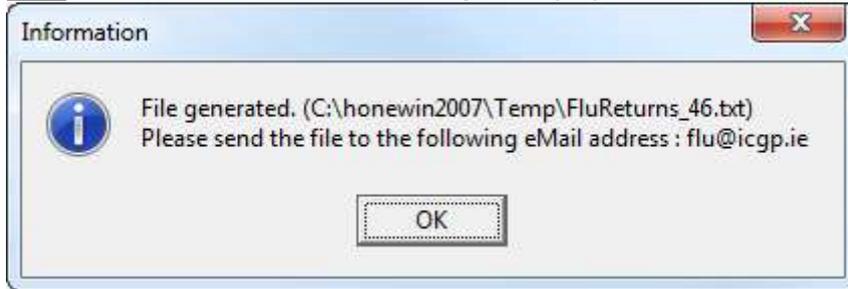
If ticked (= default), the mail is ready within Outlook with the files attached and email address pre-filled.



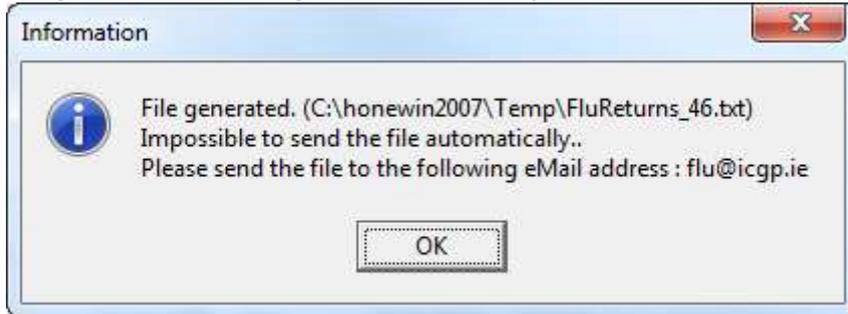
The user now presses the send button.

If the option is not ticked, the email is sent automatically.

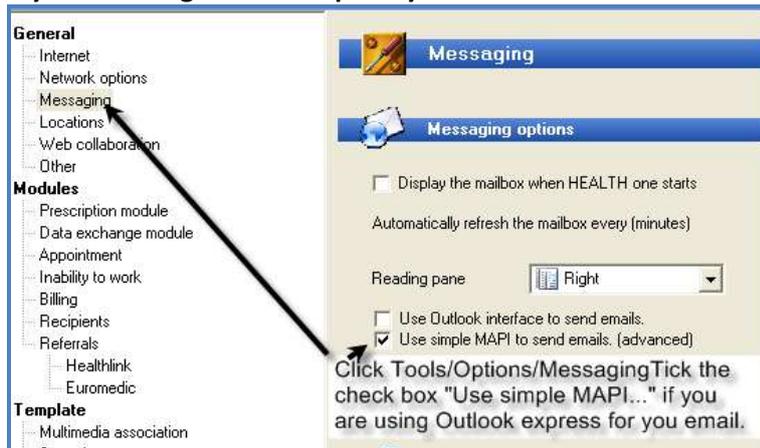
Note: If MAPI is not installed, a message is displayed to invite the user to send the file manually.



We get the same message if there is a send problem:



If you are using Outlook Express you can enable MAPI as below

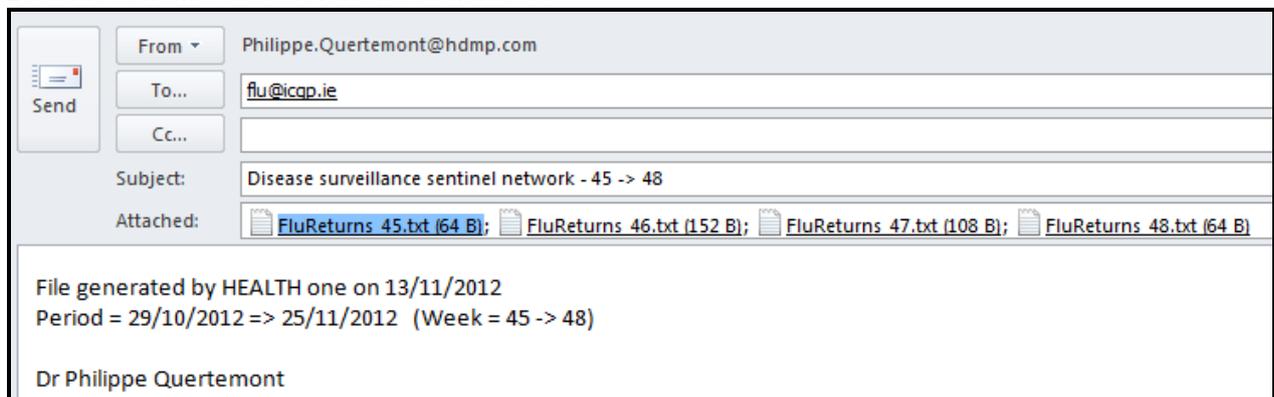


### 2.3/ Sending several weeks in one go

The system will export one file by week even if there is no data extracted.

In this case, one mail is prepared with all files attached. (empty files if no data)

Each file contains the relevant week-number.



## 2.4/ File content

This is a sample of an output file generated with the new procedure.

```
467, 01/04/1979, Male, 08/11/2012, Measles  
467, 21/10/1970, Male, 09/11/2012, Rubella
```

## 3/ Alert.

When the Flu surveillance is activated in the options, the export dialog is displayed automatically if the user needs to export the data.

=> After the login, the user will immediately get the export file. This will appear on every computer. The person responsible for sending the flu file should complete the analysis. All other users should click cancel.

Note: if the alert is not active, the user can always send the data manually.

If “LastDate” is the last date of a report has been sent (this is saved in the configuration.ini file), the condition to display the dialog are:

- Flu surveillance should be active
- If the current is Monday and Last Date < today’s date.
- If they are more than 8 days between Last Date and today’s date.

Note : When starting with this, the dialog will appear even if the user has exported the data using the old system.

## 4/ Options

Menu item **Tools** → **options** → **Automatisation**

New options are available in the automation options in order to activate or de-activate the flu surveillance alert.

The options contain:

- A flag that will activate or de-active the alert.
- The list of content extracted from the assessment item
- The GP practice identifier

**Automatisation**

Synchronisation

- one click synchronisation
- Display a confirmation message before the synchronisation

Flu surveillance

- Export flu surveillance data weekly

GP Identifier :

Assessment items :

**Note:** These options will be saved in the configuration.ini file.

If the GP id is missing (*normally the case the first time*, the number will be extracted from the current options in Config.ini