API Excel Spreadsheet
Application Programming Interface

API

- Used for both <u>writing data to</u> and <u>extracting data from</u> the cost report
- Works with a number of HFS systems
  - Hospital both 2552-10 and 2552-96; SNF both 2540-10 and 2540-96; ESRD both 265-11 and 265-94; OPO – 216-94; HHA 1728-94; and the RHC 222-92
- HFS API spreadsheet can be found on our website, <u>www.hfssoft.com</u>, on the Downloads tab.

Version 2.20

- Out since 2013.
- Free!
- 1 Version for all Excel Versions (2007, 2010, etc.)
- 64 Bit Compatible
- Updating Process has been improved
 - 1 time migration needed to current version
- Our Code is Open

API

- The downloaded spreadsheet will look like this

API
Explaining the buttons

- Two tabs at the bottom
  - API Setup tab is where you put in the criteria for what you are wanting to have written into the cost report or what you would like to have extracted from the cost report
  - Results tab shows the results of what was extracted from the cost report and also gives a quick overview of what was written into the cost report

WKS ECR	Worksheet	Program	Component	Line	Column	Write Value

results | API Setup

API
Explaining the buttons

- System drop down menu
  - Select the system to work with

Extract data from a cost report file or write data to a cost report file						
Health Financial Systems	Version 1.40					Update
System:	2552-10					Write to File
Data File 1 Location: Browse						Extract from File
Data File 2 Location: Browse						
Data File 3 Location: Browse						Pick ECR ID
Data File 4 Location: Browse						
MCRIF32 Location: MCRIF32 Folder	C:\MCRIF32					
Output Sheet: results			Show Results After Write			
WKS ECR	Worksheet	Program	Component	Line	Column	Write Value

Extract data from a cost report file or write data to a cost report file						
Health Financial Systems	Version 1.40					Update
System:	2552-10					Write to File
Data File 1 Location: Browse	2552-10					Extract from File
Data File 2 Location: Browse	2552-96					
Data File 3 Location: Browse	2540-10					Pick ECR ID
Data File 4 Location: Browse	2540-96 265-11					
MCRIF32 Location: MCRIF32 Folder	265-94					
Output Sheet: results	216-94	Show Results After Write				
WKS ECR	Worksheet	1728-94	Component	Line	Column	Write Value

API
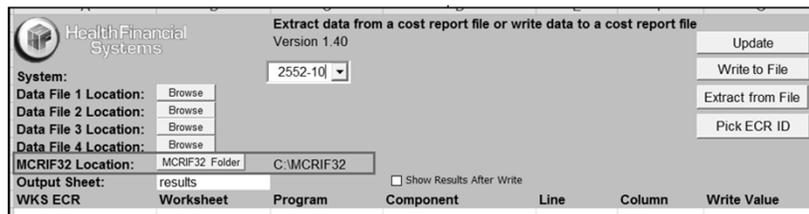# Explaining the buttons

- Data file 1 – 4 locations
  - By selecting the browse button for these you can select 1 or multiple HFS cost reports
    - For writing to a cost report you would probably only have one cost report selected
    - For extracting data, having the option to grab the same data from 4 different cost reports can come in handy when comparing years and establishing trends
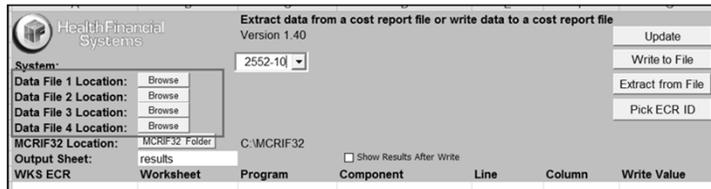

API
Explaining the buttons

- MCRIF32 location
  - Default is to the local C drive
    - If your MCRIF32 folder is not located at this location please change this data path by clicking on the MCRIF32 Folder button and navigating to your MCRIF32 folder

API
Explaining the buttons

- Output Sheet
  - Where extracted data will be placed
  - Refers to the results tab at the bottom
  - If you decide you want to rename the results, you will need to change the Output Sheet text box to have the exact same name
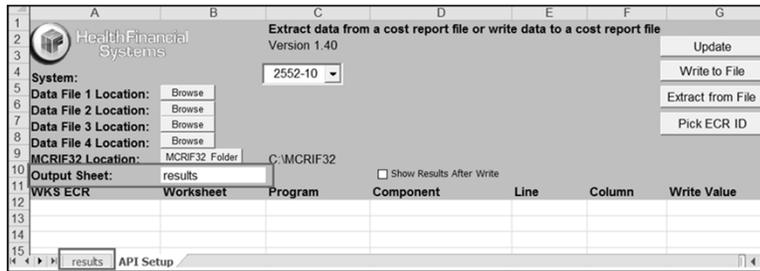

API
Explaining the buttons

- Show Results After Write check box
  - If checked, after the Write to File button is clicked you will be taken to the results tab
  - Shows the values that were written to the cost report
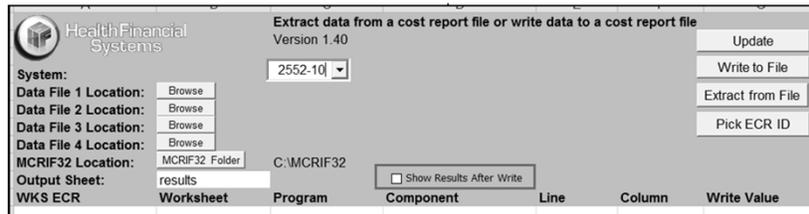
API
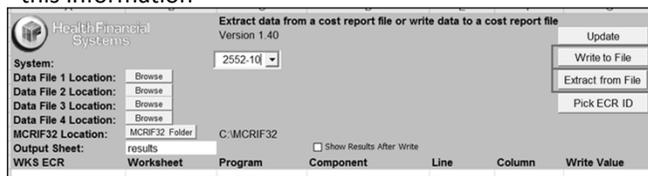## **Explaining the buttons**

- Update
  - Updates your API excel spreadsheet
  - When a Help | Check for updates is done in the HFS software, a file will be placed into your MCRIF32 folder (this is why it is important to have the MCRIF32 Location)
  - If there is an update, the next time the API spreadsheet is opened, a notification will prompt you that an update is available
  - Update will apply to your single open API file.
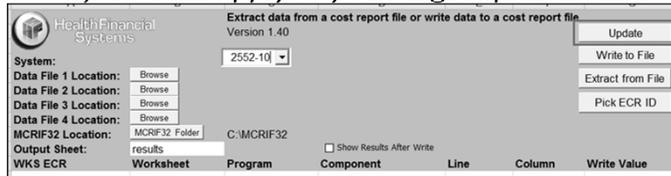
API
Explaining the buttons

- Write to File
  - Will take the specified data on the API Setup tab and write it into the specified cost report
  - This button can take all the totals and numbers from your STANDARDIZED workpapers and input it all into the specified cost report
- Extract from File
- Will take the criteria from the API Setup tab, extract it from 1-4 cost reports and present the data on the results tab
- Add a VLOOKUP to your workpapers and the API Excel extract will not only grab data from the cost report but then populate your workpapers with this information

API
Explaining the buttons

- Pick ECR ID
  - Helps to fill out the spreadsheet below telling the API which worksheets it needs to be writing/extracting data to/from

API
Explaining the buttons

- Column Headings
  - Are Worksheet ECR, worksheet, program, component, line, column and write value

API
<u>Note</u>

- If you are writing to the cost report and you have entered line 72.01 on the API Setup tab – if that line does not already exist in the cost report, API will not write this value in. API cannot create subscripted lines. You will need to go into the cost report, create line 72.01, exit out of the cost report and then chose to write to the file.

API

<u>Examples</u>

API

Questions?