



Flatfile Validator Use Instructions

Link: <https://validator.aimsplatform.org/>

Select Project “Flat File Validations”:

validator.aimsplatform.org

on NIST APHL HL7 CDC HIT regs Imported From Fire... Imported Pers Terminology SNOMED LOINC

AIMS Validator
v0.6.0

Project: **Flat File Validations**
Validations for the ECR Project
Flat file validations

Version:

Drop files here
or click [browse](#)

VALIDATE

APHL

Please do not use patient information - this is for validating test data only.
Actual patient information should not be submitted to this site.

Then select Version “ELR CSV – 2020-07-01”

validator.aimsplatform.org

sion NIST APHL HL7 CDC HIT regs Imported From Fire... Imported Pers Terminology SNOMED LOINC

AIMS Validator
v0.6.0

Project: Flat File Validations
Flat file validations

Version: **ELR CSV - 2020-07-01**
Flat File Validation V2020-07-01_Results

Show versions in ☒ Release ☐ Development ☐ Archive

Drop files here
or click [browse](#)

VALIDATE

APHL



Drop files or use “Browse” to upload a csv file

AIMS Validator v0.6.0

Project: Flat File Validations
Flat file validations

Version: ELR CSV - 2020-07-01
Flat File Validation V2020-07-01_Results

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FlatFile_Converter_input.txt 7.2 kB

VALIDATE Clear

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Click “Validate” – depending on the size of the file, this may take a few minutes (for initial testing purposes use 10 or so rows) – ensure that no empty rows are included, as each will be processed.

At this point the maximum file size is 50 rows – that should be enough for variations in test data, since production data should NOT be used here anyways.

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FlatFile_Converter_input.txt 7.2 kB [Hide Results](#)

Validation Results

Errors
View Errors Document
Warnings
View Warnings Document
Success
View Success Document

RESET

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Click on “View Errors Document” – explore will open to allow you to save the error file; the same is true for the warnings and the success files:

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FlatFile_Converter_input.txt 7.2 kB [Hide Results](#)

Validation Results

Errors

[View Errors Document](#)

Warnings

[View Warnings Document](#)

Success

[View Success Document](#)

[RESET](#)

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Organize ▾ New folder

- ✓ This PC
- > 3D Objects
- > Desktop
- > Documents
- > Downloads
- > Music
- > Pictures
- > Videos
- > Windows (C:)
- > riki.merrick (\\aphl.local\users) (P:)
- > shared (\\aphl.local) (S:)

File name: [Error_08242020004200](#)

Save as type: Microsoft Excel Comma Separated Values File

For a valid file it will look like this:

A	B	C	D
LineNumber	ErrorCode	ErrorDescription	



For a file with errors it will look like this – each of these errors would stop the HL7 file creation in the file converter

A	B	C	D	E	F	G	H	I	J	K	L
LineNumber	ErrorCode	ErrorDescription									
1	MANDATORY_FAILURE	File_created_date is mandatory									
2	MANDATORY_FAILURE	File_created_date is mandatory									
3	MANDATORY_FAILURE	File_created_date is mandatory									
4	MANDATORY_FAILURE	File_created_date is mandatory									
13	MANDATORY_FAILURE	Testing_lab_street is mandatory									
13	MANDATORY_FAILURE	Testing_lab_city is mandatory									
13	MANDATORY_FAILURE	Testing_lab_state is mandatory									
13	MANDATORY_FAILURE	Testing_lab_zip_code is mandatory									
13	ALTERNATIVES_FAILURE	Testing_lab_name or Testing_lab_ID needs to be populated									
14	MANDATORY_FAILURE	File_created_date is mandatory									
14	ALTERNATIVES_FAILURE	Reporting_facility_ID or Reporting_facility_name or Report_facil_data_source_app needs to be populated									
15	ALTERNATIVES_FAILURE	Testing_lab_name or Testing_lab_ID needs to be populated									

LineNumber

The line number of the record (not counting the header row) that has an error.

ErrorCode:

MANDATORY_FAILURE = a required field is missing content

ALTERNATIVE_FAILURE = all of the alternate required fields are missing content

SET_OF_VALUES_FAILURE = content is not as expected per drop down

DATE_PATTERN_FAILURE = date format is not as expected for the flatfile

ErrorDescription:

Provides more detail about the validation rule that was triggered



Click on “View Warnings Document” – a new html page will open

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Hide Results ▲

Validation Results

Errors

[View Errors Document](#)

Warnings

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Success

[View Success Document](#)

RESET

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APHL

These will look like the same as in the error document, only these are warnings and will not affect HL7 creation, but content could be better

A	B	C	D	E	F	G	H	I	J	K	L	M
LineNum	WarningCode	WarningDescription										
1	SET_OF_VALUES_FAILURE	One of the following values are expected in Patient_age_units: a, mo, d, h, year, month, day, hour										
2	SET_OF_VALUES_FAILURE	One of the following values are expected in Ordering_provider_state: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, H										
2	SET_OF_VALUES_FAILURE	One of the following values are expected in Patient_age_units: a, mo, d, h, year, month, day, hour										
3	SET_OF_VALUES_FAILURE	One of the following values are expected in Patient_age_units: a, mo, d, h, year, month, day, hour										
4	SET_OF_VALUES_FAILURE	One of the following values are expected in Patient_age_units: a, mo, d, h, year, month, day, hour										
5	SET_OF_VALUES_FAILURE	One of the following values are expected in Pregnant: pregnant, possibly pregnant, Not pregnant, Unknown,7738										
5	DATE_PATTERN_FAILURE	File_created_date needs to be in format MM/DD/YYYY HH:MM AM/PM, where time is optional										
6	SET_OF_VALUES_FAILURE	One of the following values are expected in Pregnant: pregnant, possibly pregnant, Not pregnant, Unknown,7738										
6	DATE_PATTERN_FAILURE	File_created_date needs to be in format MM/DD/YYYY HH:MM AM/PM, where time is optional										



Click on “View Success Document”:

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This is what the success document looks like:

A	B	C
LineNumber	Errors	Warnings
5	No	Yes
6	No	Yes
7	No	Yes
8	No	Yes
9	No	No
10	No	No

In order to validate the next file click on “Reset”:



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