



IM+CANS Batch Import Guide

Version 1.0

Contents

Overview	2
HFS Batch Import XML Overview	2
HFS Batch Import XML Element Overview.....	2
HFS Batch Import XML Element Attribute Overview.....	2
High Level XML Structure.....	3
Header Breakdown	3
Trailer Breakdown.....	3
HFS IM+CANS XML Row Breakdown.....	3
Treatment Plan Breakdown	12
HFS Health Risk Assessment Row Breakdown	13
HFS IM+CANS Portal Data Import Screen	17

Overview

In addition to the HFS IM+CANS Portal data entry facility, HFS also provides an IM+CANS batch upload facility. This allows our partners the flexibility to bypass direct data entry of assessment data by uploading a file of completed assessments for subsequent overnight automated import.

The batch import process consists of a special webpage partners can use to schedule a batch import with an XML attachment containing assessment data. Batch importing of IM+CANS (and related addendums) and Health Risk Assessments is currently supported. These two batch types must be imported separately, however.

All XML file attachments must adhere to the guidelines set forth within this guide.

HFS Batch Import XML Overview

All Batch Import XML files will consist of a single header element group, a repeating row group, and a single trailer element group.

HFS Batch Import XML Element Overview

- All Batch XML files must consist of well-formed XML, capable of passing XML Validation tests, such as those freely available at websites like <https://www.xmlvalidation.com/>
- All XML Element names must exactly match the official HFS-approved structure, including case sensitivity. More details on each element can be found in the HFS IM+CANS Data Dictionary.
- All XML Elements must contain associated attributes and exactly match the official HFS-approved structure, including case sensitivity.
- All XML Element values are OPTIONAL unless stated otherwise in this Guide.
- Blank XML Elements will be skipped during import.

HFS Batch Import XML Element Attribute Overview

Each XML element contains a mandatory “type” attribute. This attribute is used to self-document the datatype of the element in the database itself and allows the import process to properly edit the value supplied by the element. The four valid types are:

- “str” indicates a String or Memo field. This applies to regular text fields as well a Memo fields (up to 2,000 characters).
- “bool” indicates a Boolean field. Valid values are “Yes” and “No” (must follow exact case and spelling).
- “date” indicates a Date field. The only valid format is mm-dd-yy (must be a valid date).
- “list” indicates a Picklist field. This includes most non-boolean scoring fields in the assessment. Valid values for each field are found in the HFS IM+CANS Data Dictionary. The text value of the picklist must be supplied with the exact spelling and case sensitivity, not the internal numeric identifier.

High Level XML Structure

```
<root>
  <header></header>
  <row>
</row>
  <row>
</row>
  <trailer></trailer>
</root>
```

All XML elements must be contained within the <root> element. The < header> and <trailer> elements apply to the batch as a whole, providing control and summary information. The <row> element is a repeating element, one row per individual assessment.

Header Breakdown

```
<header>
  <hfsxmlver>2020.02.28</hfsxmlver> <!--HFS XML Version number used by the batch
  <ProviderSubmittingonBehalf></ProviderSubmittingonBehalf> <!--Name of Clearinghouse
  <SubmittingProvider></SubmittingProvider> <!--Name of Submitting Provider
</header>
```

Trailer Breakdown

```
<trailer>
  <rowtotal>2</rowtotal> <!-- REQUIRED: Total number of assessment in batch
</trailer>
```

HFS IM+CANS XML Row Breakdown

```
<general>
  <canstype type="list">Initial</canstype> REQUIRED: Initial, Reassessment, Update
  <rownum>1</rownum> REQUIRED: start with 1 and enumerate for each new row being sent
  <refnum>Vendor-1-13231-abd-11</refnum> OPTIONAL unique reference number from source system
</general>
<clientinfo>
  <!-- <name type="str">IMC-100293</name> -->
  <!-- <client type="lookup">Clark Snyder (134265985)</client> -->
  <firstname type="str">Clark2</firstname>
  <lastname type="str">Snyder2</lastname>
  <dateofbirth type="date">10-06-11</dateofbirth>
  <rin type="str">134265985</rin> <!-- REQUIRED HFS Recipient ID MUST be 9 bytes -->
  <gender type="list">Male</gender>
  <refsource type="str"></refsource>
  <datefirstcont type="date"></datefirstcont>
  <phone type="str">6185295268</phone>
  <language type="str">English</language>
  <maritalstatus type="list">Divorced</maritalstatus>
  <guardianstatus type="list">Own guardian</guardianstatus>
  <dcfsinvolvement type="bool">No</dcfsinvolvement>
```

```
<caregiver type="bool">No</caregiver>
<interpreterservices type="list"></interpreterservices>
<address type="str"></address>
<city type="str"></city>
<state type="str"></state>
<zipcode type="str"></zipcode>
<county type="str"></county>
<uscitizen type="bool">No</uscitizen>
<race type="list"></race>
<ethnicity type="list"></ethnicity>
<insurcoverage type="bool">No</insurcoverage>
<householdsize type="str"></householdsize>
<householdincome type="str"></householdincome>
<employmentstatus type="list"></employmentstatus>
<livingarrangement type="list"></livingarrangement>
<educationlevel type="list"></educationlevel>
<parentname type="str"></parentname>
<parentphone type="str"></parentphone>
<parentstate type="str"></parentstate>
<parentzip type="str"></parentzip>
<parentaddress type="str"></parentaddress>
<parentcity type="str"></parentcity>
<emergencycontactname type="str"></emergencycontactname>
<eccity type="str"></eccity>
<ecphone type="str"></ecphone>
<ecreltclient type="str"></ecreltclient>
<ecaddress type="str"></ecaddress>
<ecstate type="str"></ecstate>
<ecstatename type="str"></ecstatename>
<eczip type="str"></eczip>
<familymemberage1></familymemberage1>
<familymemberage2 type="str"></familymemberage2>
<familymemberage3 type="str"></familymemberage3>
<familymemberage4 type="str"></familymemberage4>
<familymemberage5 type="str"></familymemberage5>
<familymemberage6 type="str"></familymemberage6>
<familymemberage7 type="str"></familymemberage7>
<familymemberage8 type="str"></familymemberage8>
<familymemberinhome1 type="list"></familymemberinhome1>
<familymemberinhome2 type="list"></familymemberinhome2>
<familymemberinhome3 type="list"></familymemberinhome3>
<familymemberinhome4 type="list"></familymemberinhome4>
<familymemberinhome5 type="list"></familymemberinhome5>
<familymemberinhome6 type="list"></familymemberinhome6>
<familymemberinhome7 type="list"></familymemberinhome7>
<familymemberinhome8></familymemberinhome8>
<familymembername1 type="str"></familymembername1>
<familymembername2 type="str"></familymembername2>
<familymembername3 type="str"></familymembername3>
<familymembername4 type="str"></familymembername4>
<familymembername5 type="str"></familymembername5>
<familymembername6 type="str"></familymembername6>
<familymembername7 type="str"></familymembername7>
<familymembername8 type="str"></familymembername8>
<familymemberrelation1 type="str"></familymemberrelation1>
<familymemberrelation2 type="str"></familymemberrelation2>
```

```

<familymemberrelation3 type="str"></familymemberrelation3>
<familymemberrelation4 type="str"></familymemberrelation4>
<familymemberrelation5 type="str"></familymemberrelation5>
<familymemberrelation6 type="str"></familymemberrelation6>
<familymemberrelation7 type="str"></familymemberrelation7>
<familymemberrelation8 type="str"></familymemberrelation8>
<physicianagency type="str"></physicianagency>
<physiciancontact type="str"></physiciancontact>
<physicianemail type="str"></physicianemail>
<physicianphone type="str"></physicianphone>
<schoolagency type="str"></schoolagency>
<schoolcontact type="str"></schoolcontact>
<schoolemail type="str"></schoolemail>
<schoolphone type="str"></schoolphone>
<counseloragency type="str"></counseloragency>
<counselorcontact type="str"></counselorcontact>
<counseloremail type="str"></counseloremail>
<counselorphone type="str"></counselorphone>
<childwelfareagency type="str"></childwelfareagency>
<childwelfarecontact type="str"></childwelfarecontact>
<childwelfareemail type="str"></childwelfareemail>
<childwelfarephone type="str"></childwelfarephone>
<iscagentagency type="str"></iscagentagency>
<iscagentcontact type="str"></iscagentcontact>
<iscagentemail type="str"></iscagentemail>
<iscagentphone type="str"></iscagentphone>
<probationagency type="str"></probationagency>
<probationcontact type="str"></probationcontact>
<probationemail type="str"></probationemail>
<probationphone type="str"></probationphone>
<othsupport1agency type="str"></othsupport1agency>
<othsupport1contact type="str"></othsupport1contact>
<othsupport1email type="str"></othsupport1email>
<othsupport1phone type="str"></othsupport1phone>
<othsupport1type type="str"></othsupport1type>
<othsupport2agency type="str"></othsupport2agency>
<othsupport2contact type="str"></othsupport2contact>
<othsupport2email type="str"></othsupport2email>
<othsupport2phone type="str"></othsupport2phone>
<othsupport2type type="str"></othsupport2type>
</clientinfo>
<cansinfo>
  <!-- <trauma> -->
  <tesexualabuse type="list">Yes</tesexualabuse>
  <tephysicalabuse type="list">Yes</tephysicalabuse>
  <teneglect type="list">No</teneglect>
  <teemotionalabuse type="list">No</teemotionalabuse>
  <temedicaltrauma type="list">No</temedicaltrauma>
  <tenaturaldisaster type="list">No</tenaturaldisaster>
  <tewitnessfamilyviolence type="list">No</tewitnessfamilyviolence>
  <tewitnesscommunityviolence type="list">No</tewitnesscommunityviolence>
  <tevictimcriminalactivity type="list">No</tevictimcriminalactivity>
  <tewarterrorismaffected type="list">No</tewarterrorismaffected>
  <tedisruptionscaregiving type="list">No</tedisruptionscaregiving>
  <teparentalcriminalbehavior type="list">No</teparentalcriminalbehavior>
  <tesupportinginfo type="str"></tesupportinginfo>

```

```

<!-- </trauma> -->
<!-- <lifefunc> -->
<beneedregulatory type="list">2</beneedregulatory>
<beneedfailtrive type="list">3</beneedfailtrive>
<beneedatypical type="list"></beneedatypical>
<beneedoppositional type="list"></beneedoppositional>
<beneedimpulsivity type="list"></beneedimpulsivity>
<beneedangercontrol type="list"></beneedangercontrol>
<beneedsubstance type="list"></beneedsubstance>
<beneedpsychosis type="list"></beneedpsychosis>
<beneedantisocial type="list"></beneedantisocial>
<beneedinterpersonal type="list"></beneedinterpersonal>
<beneedmania type="list"></beneedmania>
<beneedsomatization type="list"></beneedsomatization>
<lifedevelopmental type="list"></lifedevelopmental>
<lifesleep type="list"></lifesleep>
<lifemotor type="list"></lifemotor>
<lifesensory type="list"></lifesensory>
<lifepersistence type="list"></lifepersistence>
<lifelimitation type="list"></lifelimitation>
<lifeschoolpreschooldaycare type="list"></lifeschoolpreschooldaycare>
<lifedecisionmaking type="list"></lifedecisionmaking>
<lifeflegal type="list"></lifeflegal>
<lifeseualdevelopment type="list"></lifeseualdevelopment>
<lifefjobfunctioning type="list"></lifefjobfunctioning>
<lifeparentalrole type="list"></lifeparentalrole>
<lifefindependentliving type="list"></lifefindependentliving>
<lifefintimaterelationships type="list"></lifefintimaterelationships>
<lifefbasicactivities type="list"></lifefbasicactivities>
<lifefroutines type="list"></lifefroutines>
<lifeffunctionalcommunication type="list"></lifeffunctionalcommunication>
<lifefloneliness type="list"></lifefloneliness>
<ddsensory type="list"></ddsensory>
<ddmotor type="list"></ddmotor>
<ddregulatory type="list"></ddregulatory>
<spdpschooldaycare type="list"></spdpschooldaycare>
<beneeddepression type="list"></beneeddepression>
<beneedanxiety type="list"></beneedanxiety>
<beneedeatingdist type="list"></beneedeatingdist>
<beneedadjustrama type="list"></beneedadjustrama>
<traumadysregulation type="list"></traumadysregulation>
<traumaintrusions type="list"></traumaintrusions>
<traumahyperarousal type="list"></traumahyperarousal>
<traumaattachment type="list"></traumaattachment>
<traumagrieff type="list"></traumagrieff>
<traumanumbing type="list"></traumanumbing>
<traumadissaociation type="list"></traumadissaociation>
<traumaavoidance type="list"></traumaavoidance>
<lifefamfunctioning type="list"></lifefamfunctioning>
<lifelivingsituation type="list"></lifelivingsituation>
<liferesidentialstability type="list"></liferesidentialstability>
<lifefsocialfunctioning type="list"></lifefsocialfunctioning>
<lifefrecreation type="list"></lifefrecreation>
<lifefcommunication type="list"></lifefcommunication>
<lifefmedicalphysical type="list"></lifefmedicalphysical>
<lifefmedication type="list"></lifefmedication>

```

```

<lifetransportation type="list"></lifetransportation>
<ddcognitive type="list"></ddcognitive>
<dddevelopmental type="list"></dddevelopmental>
<ddselfcare type="list"></ddselfcare>
<ddautism type="list"></ddautism>
<spdbehavior type="list"></spdbehavior>
<spdachievement type="list"></spdachievement>
<spdattendance type="list"></spdattendance>
<spdteacherrelationship type="list"></spdteacherrelationship>
<employmentcareeraspirations type="list"></employmentcareeraspirations>
<employmentjobattendance type="list"></employmentjobattendance>
<employmentjobtime type="list"></employmentjobtime>
<employmentjobperformance type="list"></employmentjobperformance>
<employmentjobrelations type="list"></employmentjobrelations>
<employmentjobskills type="list"></employmentjobskills>
<parentingknowledgeofneeds type="list"></parentingknowledgeofneeds>
<parentingsupervision type="list"></parentingsupervision>
<parentinginvolvement type="list"></parentinginvolvement>
<parentingorganization type="list"></parentingorganization>
<parentingmaritalviolence type="list"></parentingmaritalviolence>
<independentmealprep type="list"></independentmealprep>
<independentshopping type="list"></independentshopping>
<independenthousework type="list"></independenthousework>
<independentmoneymangement type="list"></independentmoneymangement>
<independentcommdeviceuse type="list"></independentcommdeviceuse>
<independenthousingsafety type="list"></independenthousingsafety>
<presentingprobsuppinfo type="str" ></presentingprobsuppinfo>
<!-- </lifefunc -->
<!-- <safety -->
<rbselfharm type="list"></rbselfharm>
<rbflightrisk type="list"></rbflightrisk>
<rbsuiciderisk type="list"></rbsuiciderisk>
<rbintenmisb type="list"></rbintenmisb>
<rbrunaway type="list"></rbrunaway>
<rbsexprobehav type="list"></rbsexprobehav>
<rbbullying type="list"></rbbullying>
<rbdelcrimbehav type="list"></rbdelcrimbehav>
<rbselfmutil type="list"></rbselfmutil>
<rbothselfharm type="list"></rbothselfharm>
<rbdngrtothers type="list"></rbdngrtothers>
<rbfiresetting type="list"></rbfiresetting>
<rbgrdisability type="list"></rbgrdisability>
<rbhoarding type="list"></rbhoarding>
<rbvictexpl type="list"></rbvictexpl>
<runfrequency type="list"></runfrequency>
<runconsistdest type="list"></runconsistdest>
<runsafetydest type="list"></runsafetydest>
<runillegacts type="list"></runillegacts>
<runreturnnonown type="list"></runreturnnonown>
<runinvolvother type="list"></runinvolvother>
<runrealexpect type="list"></runrealexpect>
<runplanning type="list"></runplanning>
<spbhypersex type="list"></spbhypersex>
<spbhirisksexbeh type="list"></spbhirisksexbeh>
<spbmastur type="list"></spbmastur>
<spbsexaggr type="list"></spbsexaggr>

```



```

<spbsexreactbeh type="list"></spbsexreactbeh>
<sabrelationship type="list"></sabrelationship>
<sabphysforce type="list"></sabphysforce>
<sabplanning type="list"></sabplanning>
<sabagediff type="list"></sabagediff>
<sabpowerdifferential type="list"></sabpowerdifferential>
<sabtypesexact type="list"></sabtypesexact>
<sabresptoaccusation type="list"></sabresptoaccusation>
<dangerousnesshostility type="list"></dangerousnesshostility>
<dangerousnessparanthinking type="list"></dangerousnessparanthinking>
<dangerousnessecondgainsanger type="list"></dangerousnessecondgainsanger>
<dangerousnessviolenthinking type="list"></dangerousnessviolenthinking>
<dangerousnessintent type="list"></dangerousnessintent>
<dangerousnessplanning type="list"></dangerousnessplanning>
<dangerousnessviolencehistory type="list"></dangerousnessviolencehistory>
<dangerousnessawareviolencepotential type="list"></dangerousnessawareviolencepotential>
<dangerousnessresptoconsequences type="list"></dangerousnessresptoconsequences>
<dangerousnesscommitsselfctrl type="list"></dangerousnesscommitsselfctrl>
<firesetseriousness type="list"></firesetseriousness>
<firesethistory type="list"></firesethistory>
<firesetplanning type="list"></firesetplanning>
<firesetuseaccelerants type="list"></firesetuseaccelerants>
<firesetintentoharm type="list"></firesetintentoharm>
<firesetcommunsafety type="list"></firesetcommunsafety>
<firesetresponsetoaccusation type="list"></firesetresponsetoaccusation>
<firesetremorse type="list"></firesetremorse>
<firesetlikelihoodfuturefireset type="list"></firesetlikelihoodfuturefireset>
<justcrimeseriousness type="list"></justcrimeseriousness>
<justcrimehistory type="list"></justcrimehistory>
<justcrimearrests type="list"></justcrimearrests>
<justcrimeplanning type="list"></justcrimeplanning>
<justcrimecommunsafety type="list"></justcrimecommunsafety>
<justcrimelegalcompliance type="list"></justcrimelegalcompliance>
<justcrimepeerinfluences type="list"></justcrimepeerinfluences>
<justcrimenvirninfluences type="list"></justcrimenvirninfluences>
<justcrimengri type="bool">No</justcrimengri>
<justcrimengridate type="date">2020-01-01</justcrimengridate>
<justcrimeust type="bool">No</justcrimeust>
<justcrimeustdate type="date">2020-01-01</justcrimeustdate>
<riskbehaviorsupportinfo type="str"></riskbehaviorsupportinfo>
<justicesupportinginformation type="str"></justicesupportinginformation>
<SafetyFactorsCurrentEnvironment type="str"></SafetyFactorsCurrentEnvironment>
<!-- </safety> -->
<!-- <subuse> -->
<substanceusehistparentinfluence type="list"></substanceusehistparentinfluence>
<substanceusehistrecovsupcommun type="list"></substanceusehistrecovsupcommun>
<substanceusehistseverity type="list"></substanceusehistseverity>
<substanceusehistduration type="list"></substanceusehistduration>
<substanceusehiststageofrecovery type="list"></substanceusehiststageofrecovery>
<substanceusehistenvirninfluences type="list"></substanceusehistenvirninfluences>
<substanceusehistpeerinfluences type="list"></substanceusehistpeerinfluences>
<substanceusehistsuppinfo type="str"></substanceusehistsuppinfo>
<!-- </subuse> -->
<!-- <placementhist> -->
    <placementhistory type="str"></placementhistory>
<!--<placementhistory> -->

```

```
<!-- <psychinfo -->
<psychiatricproblems type="str"></psychiatricproblems>
<gmhhpriorpsychologicalassessmentiq type="str"></gmhhpriorpsychologicalassessmentiq>
<mentalstatappearancebehavior type="str"></mentalstatappearancebehavior>
<gmhhpriorpsychologicalassessment type="bool"></gmhhpriorpsychologicalassessment>
<gmhhassessmentpsychologicaltesting type="bool">Yes</gmhhassessmentpsychologicaltesting>
<gmhhpsychiatricevaluation type="bool">Yes</gmhhpsychiatricevaluation>
<gmhhpriorpsychiatricevaluation type="bool">Yes</gmhhpriorpsychiatricevaluation>
<gmhhprioroutpatientmentalhealthservices type="bool">Yes</gmhhprioroutpatientmentalhealthservices>
<mentalhealthhistreason1 type="str"></mentalhealthhistreason1>
<mentalhealthhistreason2 type="str"></mentalhealthhistreason2>
<mentalhealthhistreason3 type="str"></mentalhealthhistreason3>
<mentalhealthhistreason4 type="str"></mentalhealthhistreason4>
<mentalhealthhistreason5 type="str"></mentalhealthhistreason5>
<mentalhealthhistwhen1 type="str"></mentalhealthhistwhen1>
<mentalhealthhistwhen2 type="str"></mentalhealthhistwhen2>
<mentalhealthhistwhen3 type="str"></mentalhealthhistwhen3>
<mentalhealthhistwhen4 type="str"></mentalhealthhistwhen4>
<mentalhealthhistwhen5 type="str"></mentalhealthhistwhen5>
<mentalhealthhistwhere1 type="str"></mentalhealthhistwhere1>
<mentalhealthhistwhere2 type="str"></mentalhealthhistwhere2>
<mentalhealthhistwhere3 type="str"></mentalhealthhistwhere3>
<mentalhealthhistwhere4 type="str"></mentalhealthhistwhere4>
<mentalhealthhistwhere5 type="str"></mentalhealthhistwhere5>
<mentalhealthhistwithwhom1 type="str"></mentalhealthhistwithwhom1>
<mentalhealthhistwithwhom2 type="str"></mentalhealthhistwithwhom2>
<mentalhealthhistwithwhom3 type="str"></mentalhealthhistwithwhom3>
<mentalhealthhistwithwhom4 type="str"></mentalhealthhistwithwhom4>
<mentalhealthhistwithwhom5 type="str"></mentalhealthhistwithwhom5>
<mentalstatmoodwnl type="bool">No</mentalstatmoodwnl>
<mentalstatdepressed type="bool">No</mentalstatdepressed>
<mentalstatmanic type="bool">No</mentalstatmanic>
<mentalstatanxious type="bool">No</mentalstatanxious>
<mentalstatmoodangry type="bool">No</mentalstatmoodangry>
<mentalstatexpansive type="bool">No</mentalstatexpansive>
<mentalstatlabile type="bool">No</mentalstatlabile>
<mentalstataffectwnl type="bool">No</mentalstataffectwnl>
<mentalstatsad type="bool">No</mentalstatsad>
<mentalstataffectangry type="bool">No</mentalstataffectangry>
<mentalstatflat type="bool">No</mentalstatflat>
<mentalstatconstricted type="bool">No</mentalstatconstricted>
<mentalstatinappropriate type="bool">Yes</mentalstatinappropriate>
<gmhhpriorpsychiatricevaluationdate type="date"></gmhhpriorpsychiatricevaluationdate>
<gmhhpriorpsychologicalassessmentdate type="date"></gmhhpriorpsychologicalassessmentdate>
<mentalstathreatening type="list"></mentalstathreatening>
<mentalstatsuicidal type="list"></mentalstatsuicidal>
<mentalstathomicidal type="list"></mentalstathomicidal>
<mentalstatimpulsecontrol type="list"></mentalstatimpulsecontrol>
<mentalstathallucinatory type="list"></mentalstathallucinatory>
<mentalstatdelusional type="list"></mentalstatdelusional>
<mentalstatjudgement type="list"></mentalstatjudgement>
<mentalstatmemory type="list"></mentalstatmemory>
<mentalstatorientation type="list"></mentalstatorientation>
<mentalstatcognition type="list"></mentalstatcognition>
<mentalstatinsight type="3list"></mentalstatinsight>
<mentalhealthassessmentsummary type="str"></mentalhealthassessmentsummary>
```

```

<!-- </psychinfo -->
<!-- <clientstrengths -->
<clientstrengthsfamilysupport type="list"></clientstrengthsfamilysupport>
<clientstrengthsintersocialconnect type="list"></clientstrengthsintersocialconnect>
<clientstrengthsnaturalsupp type="list"></clientstrengthsnaturalsupp>
<clientstrengthspiritualreligious type="list"></clientstrengthspiritualreligious>
<clientstrengthseducatssetting type="list"></clientstrengthseducatssetting>
<clientstrengthsrelatpermanence type="list"></clientstrengthsrelatpermanence>
<clientstrengthsresiliency type="list"></clientstrengthsresiliency>
<clientstrengthsoptimism type="list"></clientstrengthsoptimism>
<clientstrengthstalentsinterests type="list"></clientstrengthstalentsinterests>
<clientstrengthscultidentity type="list"></clientstrengthscultidentity>
<clientstrengthscommunconnection type="list"></clientstrengthscommunconnection>
<clientstrengthsinvolvecare type="list"></clientstrengthsinvolvecare>
<clientstrengthsvocational type="list"></clientstrengthsvocational>
<clientstrengthsjobhistvolunteer type="list"></clientstrengthsjobhistvolunteer>
<clientstrengthselfcare type="list"></clientstrengthselfcare>
<clientstrengthsupportinginformation type="str"></clientstrengthsupportinginformation>
<!-- </clientstrengths -->
<!-- <familyinfo -->
<relevantfamilyhistory type="str"></relevantfamilyhistory>
<culturalfactorsupportinginformation type="str"></culturalfactorsupportinginformation>
<culturalfactorslanguage type="list"></culturalfactorslanguage>
<culturalfactorstraditionsrituals type="list"></culturalfactorstraditionsrituals>
<culturalfactorsstress type="list"></culturalfactorsstress>
<!-- </familyinfo -->
<!-- <needs> sec 10-13 -->
<needsassessmentaccesstofood type="bool">No</needsassessmentaccesstofood>
<needsassessmentclothing type="bool">No</needsassessmentclothing>
<needsassessmentshelter type="bool">Yes</needsassessmentshelter>
<needsassessmenteducationaltesting type="bool">No</needsassessmenteducationaltesting>
<needsassessmentemployment type="bool">No</needsassessmentemployment>
<needsassessmentmentoring type="bool">No</needsassessmentmentoring>
<needsassessmentlegalassistance type="bool">No</needsassessmentlegalassistance>
<needsassessmentfinancialassistance type="bool">No</needsassessmentfinancialassistance>
<needsassessmentphysicalhealth type="bool">No</needsassessmentphysicalhealth>
<needsassessmentimmigrationassistance type="bool">No</needsassessmentimmigrationassistance>
<needsassessmentmentalhealthservice type="bool">No</needsassessmentmentalhealthservice>
<needsassessmentother type="bool">No</needsassessmentother>
<needsassessmentotherdescription type="str"></needsassessmentotherdescription>
<mentalhealthsummary type="str"></mentalhealthsummary>
<noadditional evaluations type="str"></noadditional evaluations>
<!-- <individttreatment -->
<treatmentvisionstatement type="str"></treatmentvisionstatement>
<clientservicepreferences type="str"></clientservicepreferences>
<!--<individttreatment -->
<!-- <IMCANS Signatures -->
<lphaapprovalname type="str"></lphaapprovalname>
<lphasignature type="str"></lphasignature>
<lphaapprovaldate type="date"></lphaapprovaldate>
<!-- </IMCANS Signatures -->
</cansinfo>
<caregiveraddendum>
<!-- string -->
<caregiverfullname type="str"></caregiverfullname>
<caregiverrelationshipptoclient type="str"></caregiverrelationshipptoclient>

```

```

<caregiveraddtlprimary type="str"></caregiveraddtlprimary>
<caregiversupportinginformation type="str"></caregiversupportinginformation>
<caregiversupervision type="list"></caregiversupervision>
<caregiverinvolvementwithcare type="list"></caregiverinvolvementwithcare>
<caregiverknowledge type="list"></caregiverknowledge>
<caregiversocialresources type="list"></caregiversocialresources>
<caregiverfinancialresources type="list"></caregiverfinancialresources>
<caregiverresidentialstability type="list"></caregiverresidentialstability>
<caregivermedicalphysical type="list"></caregivermedicalphysical>
<caregivermentalhealth type="list"></caregivermentalhealth>
<caregiversubstanceuse type="list"></caregiversubstanceuse>
<caregiverdevelopmental type="list"></caregiverdevelopmental>
<caregiverorganization type="list"></caregiverorganization>
<caregiversafety type="list"></caregiversafety>
<caregiverfamilystress type="list"></caregiverfamilystress>
<caregivermaritalpartnerviolence type="list"></caregivermaritalpartnerviolence>
<caregivermilitarytrans type="list"></caregivermilitarytrans>
<caregiverselfcarelivingskills type="list"></caregiverselfcarelivingskills>
<caregiveremployededucfunc type="list"></caregiveremployededucfunc>
<caregiverlegalinvolvement type="list"></caregiverlegalinvolvement>
<caregiverfamrelationtosystem type="list"></caregiverfamrelationtosystem>
<caregiveraccesstochildcare type="list"></caregiveraccesstochildcare>
<caregiverempathychildren type="list"></caregiverempathychildren>
</caregiveraddendum>
<dcsfaddendum>
<!-- <geninfo -->
  <dcfsinlvlythincare type="bool">Yes</dcfsinlvlythincare>
  <dcfsinlvintfam type="bool">No</dcfsinlvintfam>
  <dcfsinlvlips type="bool">Yes</dcfsinlvlips>
<!-- </geninfo -->
<!-- <sexagg -->
  <sxagbhtemporalconsist type="list"></sxagbhtemporalconsist>
  <sxagbhshistsexabusebeh type="list"></sxagbhshistsexabusebeh>
  <sxagbhseveritysxabuse type="list"></sxagbhseveritysxabuse>
  <sxagbhpriortreatmnt type="list"></sxagbhpriortreatmnt>
  <sxagbhsuppinfo type="str"></sxagbhsuppinfo>
<!-- </sexagg -->
<!-- <pgsafe -->
  <pgsafediscipln type="list"></pgsafediscipln>
  <pgsafefrsutrtoler type="list"></pgsafefrsutrtoler>
  <pgsafemaltreatment type="list"></pgsafemaltreatment>
  <pgsafehomecond type="list"></pgsafehomecond>
  <pgsafesuppinfo type="str"></pgsafesuppinfo>
<!-- </pgsafe -->
<!-- <pgwell -->
  <pgwelltraumreact type="list"></pgwelltraumreact>
  <pgwellimpactownbeh type="list"></pgwellimpactownbeh>
  <pgwelleffctparntapprch type="list"></pgwelleffctparntapprch>
  <pgwellindeplivskills type="list"></pgwellindeplivskills>
  <pgwellcntctcasewrker type="list"></pgwellcntctcasewrker>
  <pgwellresponsmaltrtmnt type="list"></pgwellresponsmaltrtmnt>
  <pgwellrelatwthabuser type="list"></pgwellrelatwthabuser>
  <pgwellsuppinfo type="str"></pgwellsuppinfo>
<!-- </pgwell -->
<!-- <pgperm -->
  <pgpermfamconnect type="list"></pgpermfamconnect>

```

```

<pgpermpersonaltrtmnt type="list"></pgpermpersonaltrtmnt>
<pgpermparticvisit type="list"></pgpermparticvisit>
<pgpermcommitreunifi type="list"></pgpermcommitreunifi>
<pgpermsuppinfo type="str"></pgpermsuppinfo>
<!-- </pgperm> -->
<!-- <subcomitperm> -->
  <subcomitpermna type="bool">Yes</subcomitpermna>
  <subcomitpermcollabothprnt type="list"></subcomitpermcollabothprnt>
  <subcomitpermsupptpermplan type="list"></subcomitpermsupptpermplan>
  <subcomitperminclusythsfam type="list"></subcomitperminclusythsfam>
  <subcomitpermsuppinfo type="str"></subcomitpermsuppinfo>
<!-- </subcomitperm> -->
<!-- <intact> -->
  <intfamsvdna type="bool">Yes</intfamsvdna>
  <intfamsvccaregvrcollab type="list"></intfamsvccaregvrcollab>
  <intfamsvchomemaint type="list"></intfamsvchomemaint>
  <intfamsvcfamconflict type="list"></intfamsvcfamconflict>
  <intfamsvcfamcommunic type="list"></intfamsvcfamcommunic>
  <intfamsvcfamroleapprop type="list"></intfamsvcfamroleapprop>
  <intfamsvcsuppinfo type="str"></intfamsvcsuppinfo>
<!-- </intact> -->
<!-- <ips> -->
  <ipsna type="bool">Yes</ipsna>
  <ipsyouthysincare type="list"></ipsyouthysincare>
  <ipsyouthplacemnthist type="list"></ipsyouthplacemnthist>
  <ipssubcargvrknwythdevneeds type="list"></ipssubcargvrknwythdevneeds>
  <ipssubcargvrdiscipline type="list"></ipssubcargvrdiscipline>
  <ipssubcargvrnmngmntemot type="list"></ipssubcargvrnmngmntemot>
  <ipssuppinfo type="str"></ipssuppinfo>
</dcsfaddendum>

```

Treatment Plan Breakdown

Repeat treatmentplan element group for each component (Action Items, Goals, Objectives, Services)
Treatment Plan information is repeatable. Create a separate treatment element for each action item(s), goal, objective, and service.

```

<treatmentplan>
  <planrefnum type="str">1</planrefnum> OPTIONAL: Determines sort of order of Treatment Plan Components
  <planpart type="list">Action Items</planpart> REQUIRED: Action Items, Goal, Objective, Service
  <plansortkey type="str">01</plansortkey> REQUIRED
  <plandetail type="str">Depression, Overeating</plandetail> Text details of Action Items, Goals, and Objectives
  <goalstatus type="str"></goalstatus> Only applies to Treatment Component = Goal
  <goaldate type="str"></goaldate> Only applies to Treatment Component = Goal.
  <servicetype type="str"></servicetype> Only applies to Treatment Component = Service
  <servicemode type="list"></servicemode> Only applies to Treatment Component = Service.
  <serviceplace type="list"></serviceplace> Only applies to Treatment Component = Service.
  <servicefrequency type="str"></servicefrequency> Only applies to Treatment Component = Service.
  <serviceagcystaff type="str"></serviceagcystaff> Only applies to Treatment Component = Service.
</treatmentplan>

```

HFS Health Risk Assessment Row Breakdown

```

<general>
  <rownum>2</rownum> <!-- MANDATORY start with 1 and eenumerate for each new row being sent -->
  <refnum>vendor-num-123482</refnum> <!-- OPTIONAL unique reference number from source system (any format)-->
</general>
<hrainfo>
  <hratype type="list">Initial</hratype>
  <!-- <geninfo> -->
  <staffname type="str">FM</staffname>
  <clientlastname type="str">Clark2</clientlastname>
  <clientfirstname type="str">Snyder2</clientfirstname>
  <recipientid type="str">134265985</recipientid>
  <clientdateofbirth type="date">10-06-11</clientdateofbirth>
  <clientgender type="list">Male</clientgender>
  <clientweight type="str">85</clientweight>
  <lastphysicalexamdate type="date">02-15-19</lastphysicalexamdate>
  <physicalexamdue type="list">Yes</physicalexamdue>
  <lastflushotdate type="date">10-10-19</lastflushotdate>
  <primaryphysicianname type="str">J.Jones MD</primaryphysicianname>
  <!-- </geninfo> -->
  <!-- <medication> -->
  <psychotropicmedicationuse type="list">No</psychotropicmedicationuse>
  <psychotropiclabwork type="list">No</psychotropiclabwork>
  <medicationdosage1 type="str">Lorem ipsum dolor sit amet</medicationdosage1>
  <medicationdosage2 type="str">Lorem ipsum dolor sit amet</medicationdosage2>
  <medicationdosage3 type="str">Lorem ipsum dolor sit amet</medicationdosage3>
  <medicationdosage4 type="str">Lorem ipsum dolor sit amet</medicationdosage4>
  <medicationdosage5 type="str">Lorem ipsum dolor sit amet</medicationdosage5>
  <medicationdosage6 type="str">Lorem ipsum dolor sit amet</medicationdosage6>
  <medicationdosage7 type="str">Lorem ipsum dolor sit amet</medicationdosage7>
  <medicationdosage8 type="str">Lorem ipsum dolor sit amet</medicationdosage8>
  <medicationissues1 type="str">Lorem ipsum dolor sit amet</medicationissues1>
  <medicationissues2 type="str">Lorem ipsum dolor sit amet</medicationissues2>
  <medicationissues3 type="str">Lorem ipsum dolor sit amet</medicationissues3>
  <medicationissues4 type="str">Lorem ipsum dolor sit amet</medicationissues4>
  <medicationissues5 type="str">Lorem ipsum dolor sit amet</medicationissues5>
  <medicationissues6 type="str">Lorem ipsum dolor sit amet</medicationissues6>
  <medicationissues7 type="str">Lorem ipsum dolor sit amet</medicationissues7>
  <medicationissues8 type="str">Lorem ipsum dolor sit amet</medicationissues8>
  <medicationname1 type="str">Lorem ipsum dolor sit amet</medicationname1>
  <medicationname2 type="str">Lorem ipsum dolor sit amet</medicationname2>
  <medicationname3 type="str">Lorem ipsum dolor sit amet</medicationname3>
  <medicationname4 type="str">Lorem ipsum dolor sit amet</medicationname4>
  <medicationname5 type="str">Lorem ipsum dolor sit amet</medicationname5>
  <medicationname6 type="str">Lorem ipsum dolor sit amet</medicationname6>
  <medicationname7 type="str">Lorem ipsum dolor sit amet</medicationname7>
  <medicationname8 type="str">Lorem ipsum dolor sit amet</medicationname8>
  <medicationprescribername1 type="str">Lorem ipsum dolor sit amet</medicationprescribername1>
  <medicationprescribername2 type="str">Lorem ipsum dolor sit amet</medicationprescribername2>
  <medicationprescribername3 type="str">Lorem ipsum dolor sit amet</medicationprescribername3>
  <medicationprescribername4 type="str">Lorem ipsum dolor sit amet</medicationprescribername4>
  <medicationprescribername5 type="str">Lorem ipsum dolor sit amet</medicationprescribername5>
  <medicationprescribername6 type="str">Lorem ipsum dolor sit amet</medicationprescribername6>
  <medicationprescribername7 type="str">Lorem ipsum dolor sit amet</medicationprescribername7>

```

```

<medicationprescribername8 type="str">Lorem ipsum dolor sit amet</medicationprescribername8>
<medicationprescriptionbegindate1 type="date"></medicationprescriptionbegindate1>
<medicationprescriptionbegindate2 type="date"></medicationprescriptionbegindate2>
<medicationprescriptionbegindate3 type="date"></medicationprescriptionbegindate3>
<medicationprescriptionbegindate4 type="date"></medicationprescriptionbegindate4>
<medicationprescriptionbegindate5 type="date"></medicationprescriptionbegindate5>
<medicationprescriptionbegindate6 type="date"></medicationprescriptionbegindate6>
<medicationprescriptionbegindate7 type="date"></medicationprescriptionbegindate7>
<medicationprescriptionbegindate8 type="date"></medicationprescriptionbegindate8>
<medicationprescriptionenddate1 type="date"></medicationprescriptionenddate1>
<medicationprescriptionenddate2 type="date"></medicationprescriptionenddate2>
<medicationprescriptionenddate3 type="date"></medicationprescriptionenddate3>
<medicationprescriptionenddate4 type="date"></medicationprescriptionenddate4>
<medicationprescriptionenddate5 type="date"></medicationprescriptionenddate5>
<medicationprescriptionenddate6 type="date"></medicationprescriptionenddate6>
<medicationprescriptionenddate7 type="date"></medicationprescriptionenddate7>
<medicationprescriptionenddate8 type="date"></medicationprescriptionenddate8>
<!-- </medication> -->
<!-- <healthstatus> -->
<laststdtestdate type="date"></laststdtestdate>
<womenhealthprovidervisitdate type="date"></womenhealthprovidervisitdate>
<clientselfreportedphysicalhealth type="list">Good</clientselfreportedphysicalhealth>
<breathingissuescause type="list">Weather Extremes</breathingissuescause>
<dailysnackintake type="list"></dailysnackintake>
<dailyfruitvegetableintake type="list"></dailyfruitvegetableintake>
<painmedicationcategory type="list"></painmedicationcategory>
<painmedicationhistory type="list"></painmedicationhistory>
<stdprotection type="list"></stdprotection>
<pregnancyhistory type="list"></pregnancyhistory>
<clientmotherprenatalcare type="list"></clientmotherprenatalcare>
<clientmotherpregnancycomplications type="list"></clientmotherpregnancycomplications>
<clientbirthstatus type="list"></clientbirthstatus>
<clientinuterosubstanceexposure type="list"></clientinuterosubstanceexposure>
<clientmotherlaborissues type="list"></clientmotherlaborissues>
<familyhistorybehavioralproblems type="list"></familyhistorybehavioralproblems>
<regularphysicalactivity type="list">Yes</regularphysicalactivity>
<tobaccouse type="list">No</tobaccouse>
<alcoholuse type="list">No</alcoholuse>
<faintinghistory type="list">No</faintinghistory>
<knownallergy type="list">No</knownallergy>
<fallinghistory type="list">No</fallinghistory>
<requestquitsmoking type="list">No</requestquitsmoking>
<healthconcerns type="list">No</healthconcerns>
<generalillness type="list">No</generalillness>
<breathingissues type="list">No</breathingissues>
<breathingissuemedicated type="list">No</breathingissuemedicated>
<headinjury type="list">No</headinjury>
<memorylapses type="list">No</memorylapses>
<currentdateaware type="list">No</currentdateaware>
<aboveaverageurination type="list">No</aboveaverageurination>
<aboveaveragethirst type="list">No</aboveaveragethirst>
<specialbloodsugardiet type="list">No</specialbloodsugardiet>
<bloodsugarmedicated type="list">No</bloodsugarmedicated>
<chronicpain type="list">No</chronicpain>
<sexuallyactive type="list">No</sexuallyactive>
<stddiagnosed type="list">No</stddiagnosed>

```

```
<womenhealthprovidervisit type="list"></womenhealthprovidervisit>
<menstrualcycleormenopauseissue type="list"></menstrualcycleormenopauseissue>

<physicalactivityfrequency type="str">daily</physicalactivityfrequency>
<alcoholconsumptionfrequency type="str">NA</alcoholconsumptionfrequency>
<alcoholconsumptionnumber type="str">NA</alcoholconsumptionnumber>
<faintingdescription type="str">NA</faintingdescription>
<allergydescription type="str">NA</allergydescription>
<fallingdescription type="str">NA</fallingdescription>
<healthconcernsdescription type="str">NA</healthconcernsdescription>
<generalillnessdescription type="str">NA</generalillnessdescription>
<breathingissuescausedescription type="str">NA</breathingissuescausedescription>
<headinjurydate type="date"></headinjurydate>
<specialdietdescription type="str">NA</specialdietdescription>
<painmedicationdescription type="str">NA</painmedicationdescription>
<painintensitylocationdescription type="str">NA</painintensitylocationdescription>
<stddiagnosisdescription type="str">NA</stddiagnosisdescription>
<menstrualcycleormenopausedescription type="str"></menstrualcycleormenopausedescription>
<pregnancyoutcomedescription type="str"></pregnancyoutcomedescription>
<clientbirthweight type="str">6.7 pounds</clientbirthweight>
<developmentmilestonecrawlage type="str">6 months</developmentmilestonecrawlage>
<developmentmilestonewalkage type="str">10 months</developmentmilestonewalkage>
<developmentmilestonetalkage type="str">11 months</developmentmilestonetalkage>
<developmentmilestoneoilettrainedage type="str">3 years</developmentmilestoneoilettrainedage>
<supportingclienthistorydescription type="str"></supportingclienthistorydescription>
<!-- </healthstatus> -->
<!-- <medicalhistory> -->
<psychiatricallyhospitalized type="list">No</psychiatricallyhospitalized>
<emergencyroomvisitdescription type="str">NA</emergencyroomvisitdescription>
<supportinghospitalhistorydescription type="str">NA</supportinghospitalhistorydescription>
<emergencyroomfrequency type="list">0</emergencyroomfrequency>
<psychhospitalname1 type="str">Lorem ipsum dolor sit amet</psychhospitalname1>
<psychhospitalname2 type="str">Lorem ipsum dolor sit amet</psychhospitalname2>
<psychhospitalname3 type="str">Lorem ipsum dolor sit amet</psychhospitalname3>
<psychhospitalname4 type="str">Lorem ipsum dolor sit amet</psychhospitalname4>
<psychhospitalname5 type="str">Lorem ipsum dolor sit amet</psychhospitalname5>
<psychhospitallocation1 type="str">Lorem ipsum dolor sit amet</psychhospitallocation1>
<psychhospitallocation2 type="str">Lorem ipsum dolor sit amet</psychhospitallocation2>
<psychhospitallocation3 type="str">Lorem ipsum dolor sit amet</psychhospitallocation3>
<psychhospitallocation4 type="str">Lorem ipsum dolor sit amet</psychhospitallocation4>
<psychhospitallocation5 type="str">Lorem ipsum dolor sit amet</psychhospitallocation5>
<psychhospitalizationdate1 type="date">05-10-18</psychhospitalizationdate1>
<psychhospitalizationdate2 type="date">06-10-18</psychhospitalizationdate2>
<psychhospitalizationdate3 type="date">07-10-18</psychhospitalizationdate3>
<psychhospitalizationdate4 type="date">08-10-18</psychhospitalizationdate4>
<psychhospitalizationdate5 type="date">09-10-18</psychhospitalizationdate5>
<reasonhospitalizedpsych1 type="str">Lorem ipsum dolor sit amet</reasonhospitalizedpsych1>
<reasonhospitalizedpsych2 type="str">Lorem ipsum dolor sit amet</reasonhospitalizedpsych2>
<reasonhospitalizedpsych3 type="str">Lorem ipsum dolor sit amet</reasonhospitalizedpsych3>
<reasonhospitalizedpsych4 type="str">Lorem ipsum dolor sit amet</reasonhospitalizedpsych4>
<reasonhospitalizedpsych5 type="str">Lorem ipsum dolor sit amet</reasonhospitalizedpsych5>
<hospitalizationdate1 type="date">10-10-18</hospitalizationdate1>
<hospitalizationdate2 type="date">11-10-18</hospitalizationdate2>
<hospitalizationdate3 type="date">12-10-18</hospitalizationdate3>
<hospitallocation1 type="str">Lorem ipsum dolor sit amet</hospitallocation1>
<hospitallocation2 type="str">Lorem ipsum dolor sit amet</hospitallocation2>
```



```
<hospitallocation3 type="str">Lorem ipsum dolor sit amet</hospitallocation3>
<hospitalname1 type="str">St. Francis</hospitalname1>
<hospitalname2 type="str">St. Francis</hospitalname2>
<hospitalname3 type="str">St. Francis</hospitalname3>
<providername1 type="str">J.Jones MD</providername1>
<providername2 type="str">J.Jones MD</providername2>
<providername3 type="str">J.Jones MD</providername3>
<providerservices1 type="str">Lorem ipsum dolor sit amet</providerservices1>
<providerservices2 type="str">Lorem ipsum dolor sit amet</providerservices2>
<providerservices3 type="str">Lorem ipsum dolor sit amet</providerservices3>
<providerspecialty1 type="str">Lorem ipsum dolor sit amet</providerspecialty1>
<providerspecialty2 type="str">Lorem ipsum dolor sit amet</providerspecialty2>
<providerspecialty3 type="str">Lorem ipsum dolor sit amet</providerspecialty3>
<!--</medicalhistory> -->
</hrainfo>
```

HFS IM+CANS Portal Data Import Screen

HFS IM+CANS

[Home](#) | [IM+CANS](#) | [Data Utilities](#) | [Todd Goetz](#)

Home > Data Utilities Page > CANS Batch Import

CANS Batch Import

Click Name link to View Details or choose Edit or Delete from dropdown menu.

This page auto-refreshes every 20 seconds.

Name ↑	Created On ↓	Import Type	Import Status	Contact	Account	
BAT-20200401160316-0000	4/1/2020 4:03 PM	CANS Import	Processed	Todd Goetz	HFS Admin	▼

IM+CANS Batch Import Facility

IM+CANS Data Import Facility

Data Import Properties

Import Type *	Record Total	Data Begin Date
<input type="text"/>	<input type="text"/>	<input type="text"/>
Run Type *	Import Status	Data End Date
<input type="text"/>	—	<input type="text"/>

Import Comments

Log

File Attachment (.xml) *

Submit