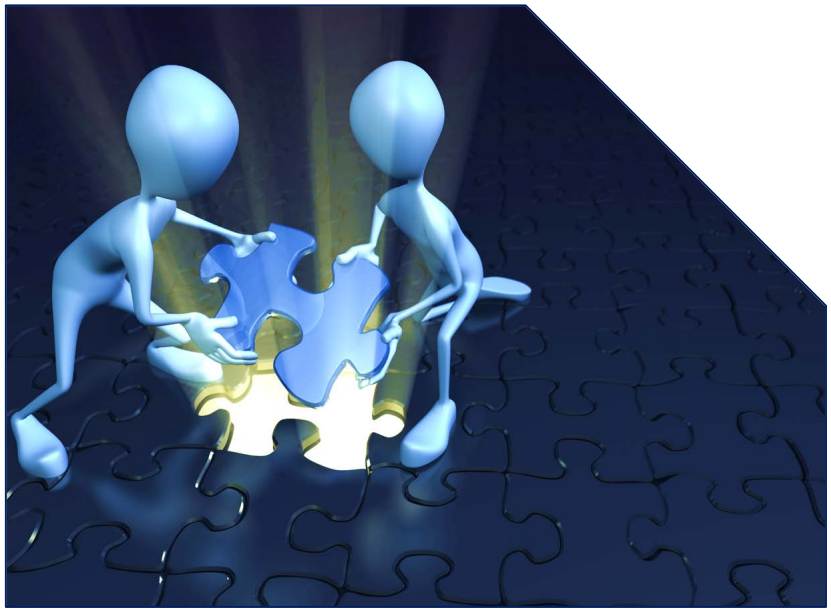
Florida Cancer Data System
A JOINT PROJECT OF THE SYLVESTER COMPREHENSIVE CANCER CENTER AND THE FLORIDA DEPARTMENT OF HEALTH



FCDS IDEA Follow Up System

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9/1/2014

Outline

- Introduction
- Benefits
- Limitations
- How to Use
- Questions

Introduction

- Purpose: Assist Facilities with Patient Follow-Up and Completion of First Course of Treatment in Summary Form
- Facility Must Provide a Facility, Accession, Sequence #
- Follow-Up System Validates and Returns Consolidated Patient and Tumor Information for the Requested Case(s)
- Results May Vary – Facility Follow-Up System is Based on Current and "Consolidated" Data from Multiple Sources Combined to Represent Follow-Up and Treatment Data

Introduction

- Other Florida Hospital(s)
- Cancer Treatment Center(s)
- Medical Oncology Practice
- Other Private Medical Practice
- AHCA In-Patient Encounter
- AHCA Out-Patient Encounter
- Other State Cancer Registry
- Florida Death Certificate
- National Death Index
- E-Pathology Report
- MU2 Cancer CDA
- Pharmacy
- Other

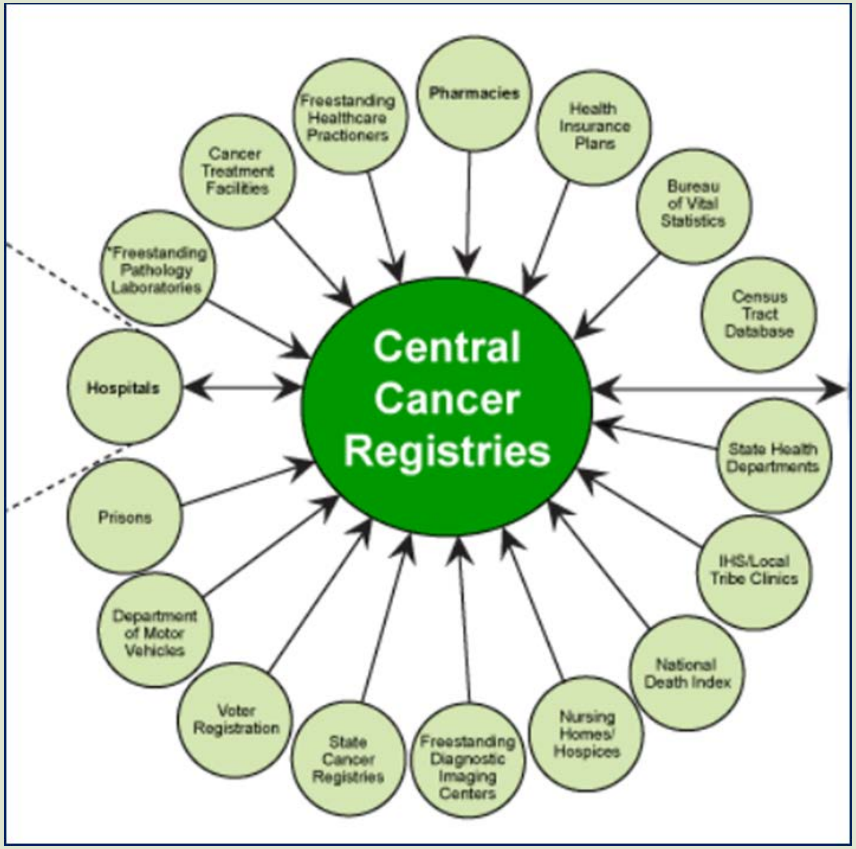


Image Source: NPCR-AERRO – Cancer Data Sources

Introduction

- Allows User to Upload a List of Cases Needing “Follow-Up”
  - Must Have Access To Facility(s) Data Via IDEA/FAA
  - Must Have Already Submitted the Case to FCDS
  - Must Use Follow-Up System Layout to Upload
  - No Maximum Number Of Cases Per Upload

- FCDS will Provide a Date of Last Contact and Treatment
- FCDS will NOT Provide the Source of the Update
- FCDS will Provide Feedback Mechanism

Introduction

- Delivery - Returns Specific Data For Each Requested Case
  - Export in Tab Delimited, Comma Separated or Excel Format
  - Standard Data Items Permit Automated Update(s)
  - Information Will Include:
    - Report of Unmatched Case(s)
    - Facility/Accession/Sequence
    - Primary Site/Histology/Behavior
    - Date of Last Contact from Any Source
    - First Course Treatment Information (RX Summ)

Benefits

- No Cost to Registry
- FAST and EFFICIENT
- Increase Follow-Up Rate
- Locate “Lost-to-Follow-Up” Patients
- Complete First Course of Therapy Data Items
- Find Cases “Lost in Transmission” or Not Reported to FCDS
- Output Consolidated Data Includes Best Information - Any Source
- Assist CoC-Accredited Cancer Programs with RQRS & CP3R Metrics

Limitations

- First Course of Treatment includes ALL methods of treatment recorded in the Treatment Plan and administered before disease progression/recurrence.
- Subsequent Treatment is any therapy administered after termination or discontinuation of 1st course treatment due to progression/recurrence.
- "Active Surveillance" or "Watch-and-Wait" IS a treatment option.
- "No Treatment" is also a treatment option. What's the difference?
- Cancer Registry Software Providers use various date stamps for TX Items
- Some software allows you to code every surgical procedure performed including one or more diagnostic biopsy(s) and multiple excisions and/or resections – then an internal algorithm determines the "most definitive" type of surgery. FCDS IDEA Single Entry does not allow multiple surgeries.

Limitations

- First course of therapy describes the surgical and/or other cancer treatment the patient received from any facility plus dates and details from treatment(s) administered. Treatment(s) may be coded in summary or in fine detail.
- Details of Treatment are required for a CoC-Accredited "clinical abstract".
- Summary of Treatment required for an FCDS-Required "incident abstract".
- RX Summ Items "summarize" treatment(s) from all report sources – BUT, you lose a lot of the detail that is included in the multiple data items for CoC.
- Do not rely on your software to accumulate multiple surgical procedures or complex anti-neoplastic regimens that combine chemo/hormone/BRM plus or minus new techniques for administration of XRT using multiple modalities into the correct code – it is complex - ask about your algorithm(s).

Understand How DATA "Differs"

FCDS-Required TX Items

- Rx Summ – Surg Prim Site
- Rx Date – Surgery Flag
- Rx Summ – Scope Regional Lymph Node Surgery
- Rx Summ – Surgery of Other Reg/Dis
- Date of First Surgical Procedure
- Reason for No Surgery
- Rx Summ – Radiation
- Rx Summ – Radiation Flag
- Rx Summ – Surg/Rad Seq
- Rad – Regional RX Modality
- Rx Date – Radiation
- Rx Summ – Systemic Surg Seq
- Rx Summ – Chemo
- Rx Date – Chemo
- Rx Date – Chemo Flag
- Rx Summ – Hormone
- Rx Date – Hormone
- Rx Date – Hormone Flag
- Rx Summ – BRM/Immunotherapy
- Rx Date – BRM/Immunotherapy
- Rx Date – BRM/Immunotherapy Flag
- Rx Summ – Other
- Rx Date – Other
- Rx Date – Other Flag
- Rx Summ – Transplant/Endocr
- Rx Date – Transplant/Endocr
- RX Text – Radiation (Beam)
- RX Text – Radiation Other
- RX Text – Chemo
- RX Text – Hormone
- RX Text – BRM
- RX Text – Other

CoC-Required TX Items

- Date of First Course of Treatment
- Date of 1st Crs RX Flag
- RX Summ–Treatment Status
- Date of First Surgical Procedure
- RX Date–Surgery Flag
- Date of Most Definitive Surgical
- RX Date Mst Defn Srg Flag
- Surgical Procedure of Primary S
- Surgical Procedure of Primary S
- Approach – Surgery of the Prima
- Surgical Margins of the Primary
- Scope of Regional Lymph Node
- Scope of Regional Lymph Node
- Surgical Procedure/Other Site
- Surgical Procedure/Other Site at
- Date of Surgical Discharge
- RX Date Surg Disch Flag
- Readmission to the Same Hospit
- Reason for No Surgery of Prima
- Date Radiation Started
- RX Date–Radiation Flag
- Location of Radiation Treatment
- Radiation Treatment Volume
- Regional Treatment Modality
- Regional Dose: cGy
- Boost Treatment Modality
- Boost Dose: cGy
- Number of Treatments to This Volume
- Radiation/Surgery Sequence
- Date Radiation Ended
- RX Date Rad Ended Flag
- Reason for No Radiation
- Date Systemic Therapy Started
- RX Date Systemic Flag
- Date Chemotherapy Started
- RX Date–Chemo Flag
- Chemotherapy
- Chemotherapy at This Facility
- Date Hormone Therapy Started
- RX Date–Hormone Flag
- Hormone Therapy (Hormone/Steroid Therapy)
- Hormone Therapy at This Facility (Hormone/Steroid Therapy)
- Date Immunotherapy Started
- RX Date–BRM Flag
- Immunotherapy
- Immunotherapy at This Facility
- Hematologic Transplant and Endocrine Procedures
- Systemic/Surgery Sequence
- Date Other Treatment Started
- RX Date–Other Flag
- Other Treatment
- Other Treatment at This Facility
- Palliative Care
- Palliative Care at This Facility

Your Registry Software May Allow Capture of Even Finer Details of Treatment by Type

Limitations

When multiple first course surgical procedures are included under the same surgery item, the most extensive surgery is usually the last surgery performed.

The code represents the cumulative effect of the separate surgical procedures.

- RX Summ-Surg Prim Site – the most extensive surgical procedure of the primary site (includes local tumor destruction, surgical excision or resection of the primary site, resection plus reconstruction of the primary site, and surgical resection of the primary site plus any surrounding tissues or organs removed in continuity with the primary site)

- RX Summ-Scope of Regional LN Surgery – biopsy, aspiration or removal of sentinel lymph node(s) and/or surgical excision/resection of other regional lymph nodes that drain the primary site – may include 1 or more procedures – the LN "removal" may be for diagnostic, staging and/or treatment of disease.

- RX Summ-Surgery of Other Sites – surgical removal of distant lymph node(s) and/or regional and/or distant tissue or organs beyond primary site or regional LN

Understand How DATA "Differs"

CoC FORDS Surgery Fields
Date of First Surgical Procedure
RX Date – Surgery Flag
~~Date Most Definitive Surg - Prim Site~~
~~RX Date – Most Definitive Surg Flag~~
Surg Proc - Primary Site
~~Surg Proc – Primary Site – This Facility~~
Approach – Surg Prim Site This Fac.
~~Surgical Margins – Primary Site~~
Scope Reg LN Surg
~~Scope Reg LN Surg – This Facility~~
Surg Proc – Other Site
~~Surg Proc – Other Site – This Facility~~
~~Date Surg Discharge~~
~~RX Date Surg Discharge Flag~~
Reason for No Surgery of Primary Site
Radiation/Surgery Sequence
Systemic/Surgery Sequence

Central Registry Surgery Fields
Date of First Surgical Procedure
RX Date – Surgery Flag
RX Summ – Surg Prim Site
Reason for No Surgery of Primary Site
RX Summ – Scope Reg LN Surgery
RX Summ – Surgery OtherReg/Distant Site
RX Summ – Radiation/Surgery Sequence
RX Summ – Systemic/Surgery Sequence

Input Data Items

Required Input

NAACCR Data Item	Field Name
540	Reporting Facility
550	Accession Number--Hosp
560	Sequence Number--Hosp

Output Data Items

NAACCR Data Item	Field Name
390	Date of Diagnosis
400	Primary Site
410	Laterality
522	Histologic Type ICD-O-3
523	Behavior Code ICD-O-3
540	Reporting Facility
550	Accession Number—Hosp
560	Sequence Number—Hosp

Output Data Items

NAACCR Data Item	Field Name
1200	RX Date--Surgery
1201	RX Date--Surgery Flag
1210	RX Date--Radiation
1211	RX Date--Radiation Flag
1220	RX Date--Chemo
1221	RX Date--Chemo Flag
1230	RX Date--Hormone
1231	RX Date--Hormone Flag
1240	RX Date--BRM
1241	RX Date--BRM Flag
1250	RX Date--Other
1251	RX Date--Other Flag

Output Data Items

NAACCR Data Item	Field Name
1290	RX Summ--Surg Prim Site
1292	RX Summ--Scope Reg LN Sur
1294	RX Summ--Surg Oth Reg/Dis
1340	Reason for No Surgery
1360	RX Summ--Radiation
1380	RX Summ--Surg/Rad Seq
1390	RX Summ--Chemo
1400	RX Summ--Hormone
1410	RX Summ--BRM
1420	RX Summ--Other
1430	Reason for No Radiation

Output Data Items

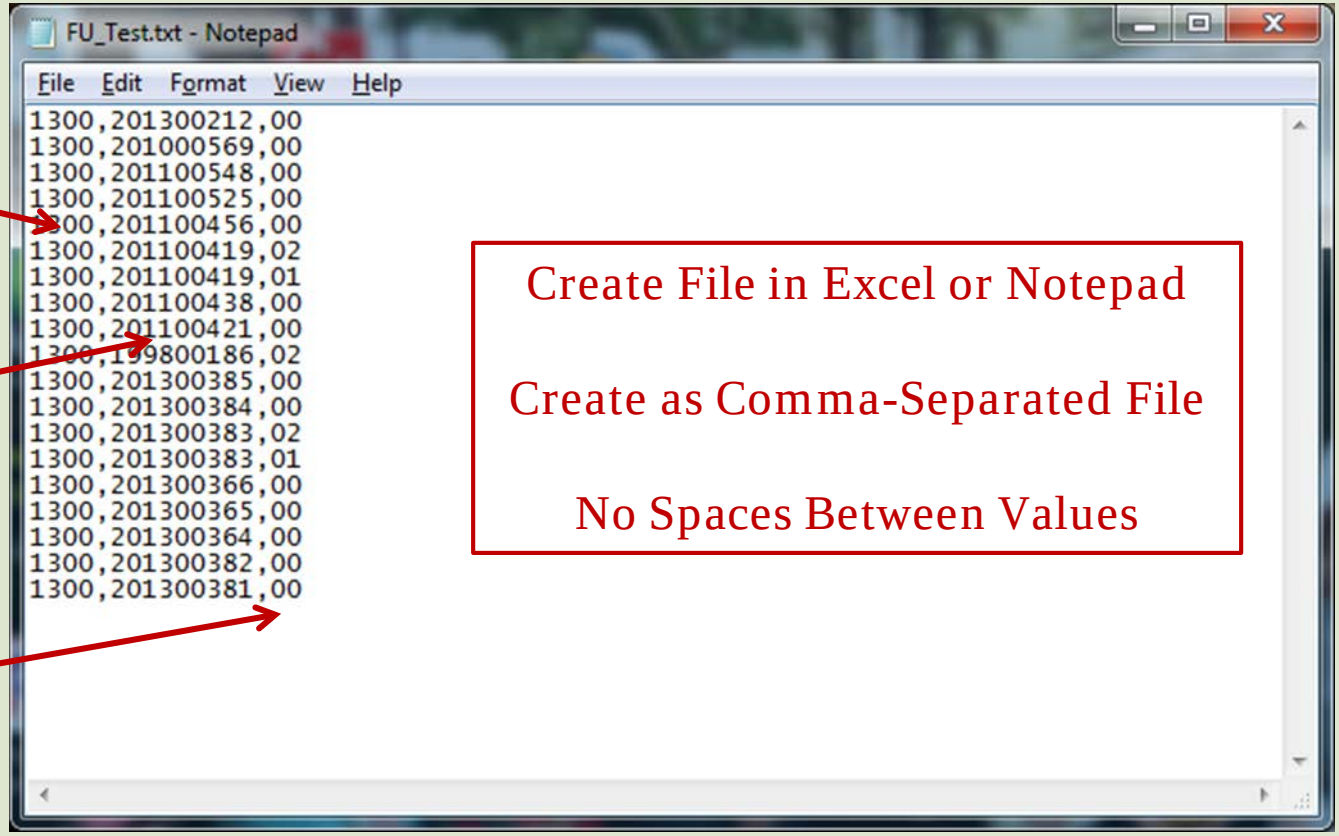
NAACCR Data Item	Field Name
1570	Rad--Regional RX Modality
1639	RX Summ--Systemic/Sur Seq
1750	Date of Last Contact
1751	Date of Last Contact Flag
1760	Vital Status
1770	Cancer Status
3250	RX Summ--Transplnt/Endocr

How to Use – Create Input File

Facility Number

Accession Number

Sequence Number

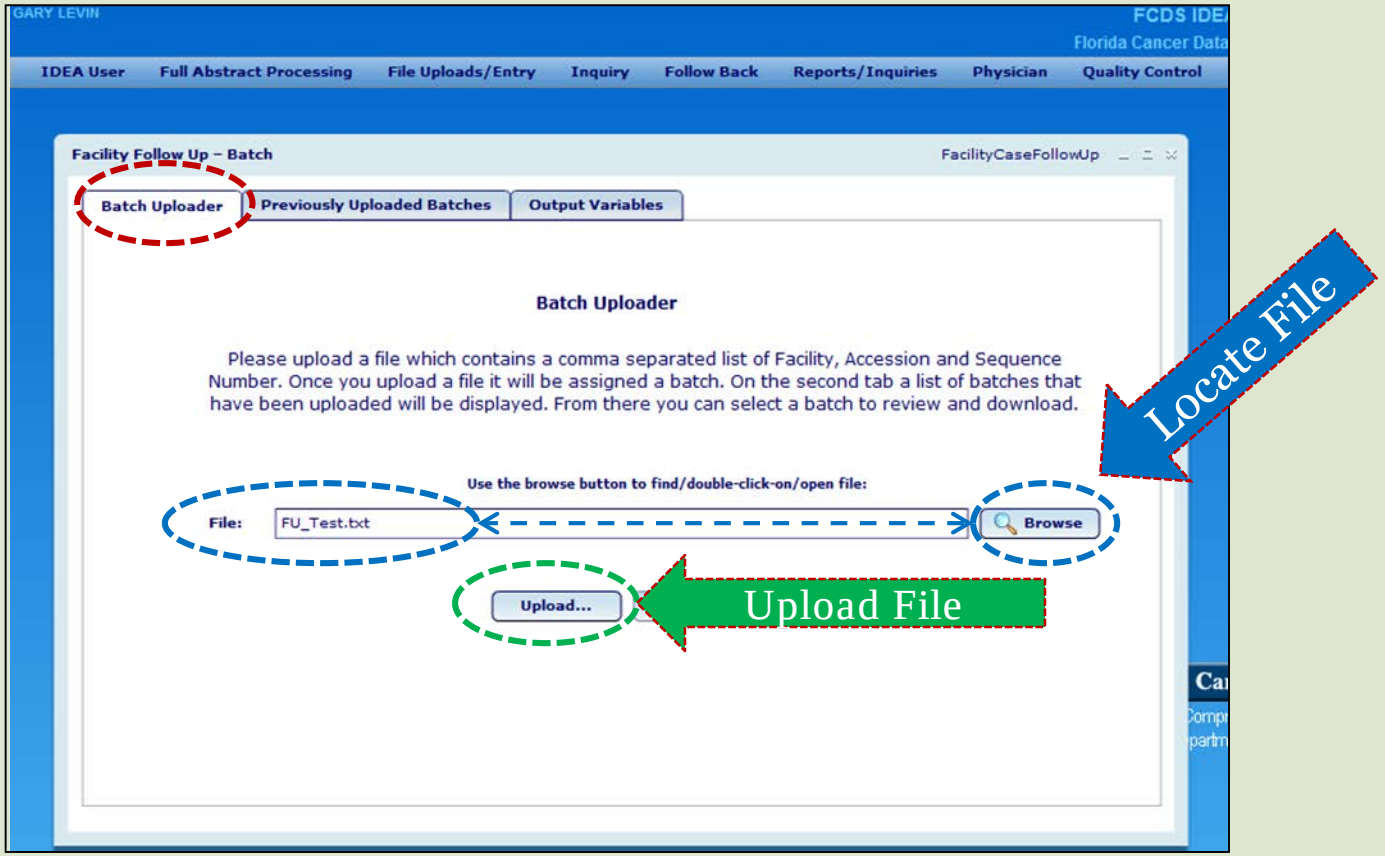


Create File in Excel or Notepad

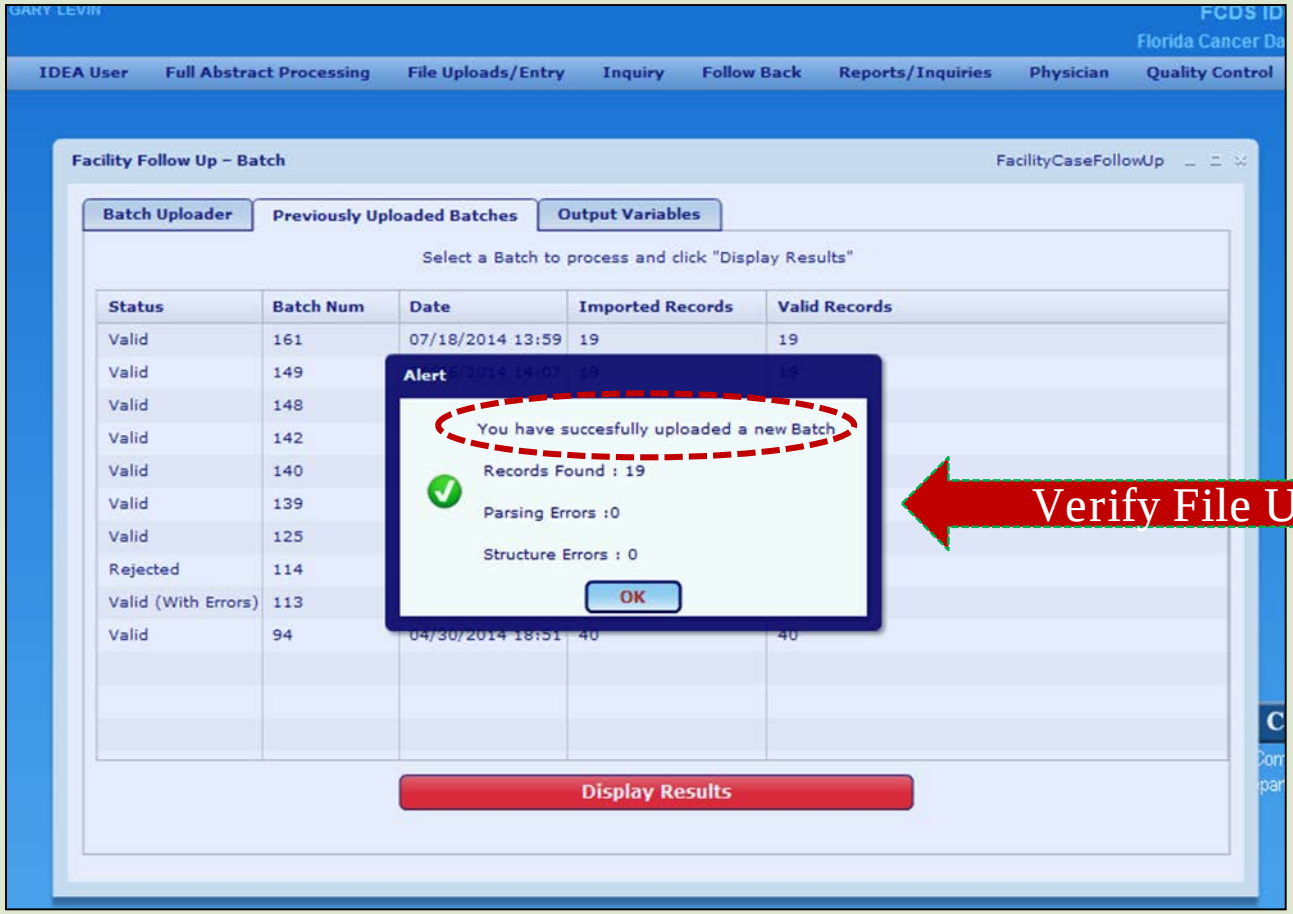
Create as Comma-Separated File

No Spaces Between Values

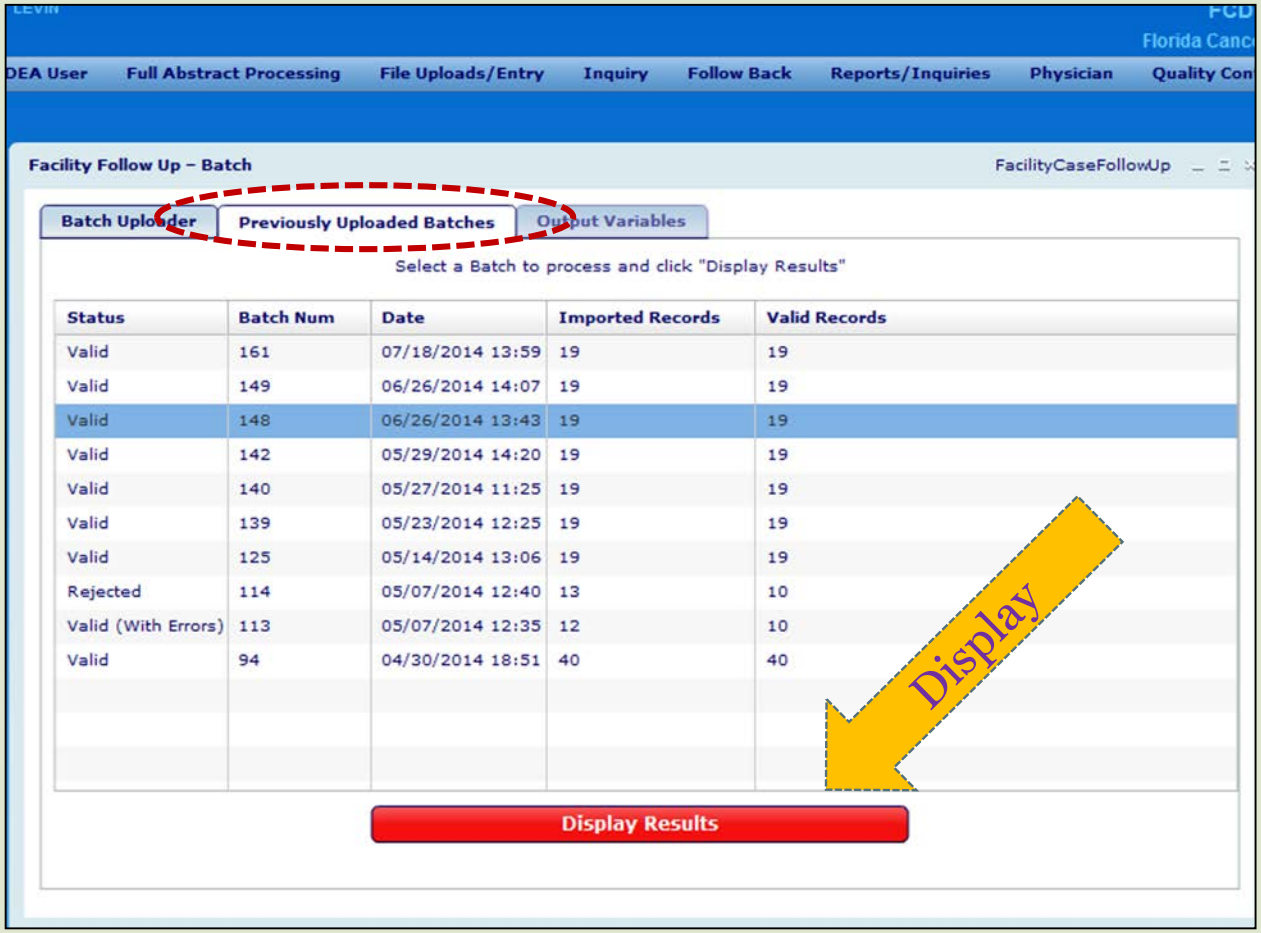
How to Use – Upload Input File



How to Use – Verify File Upload

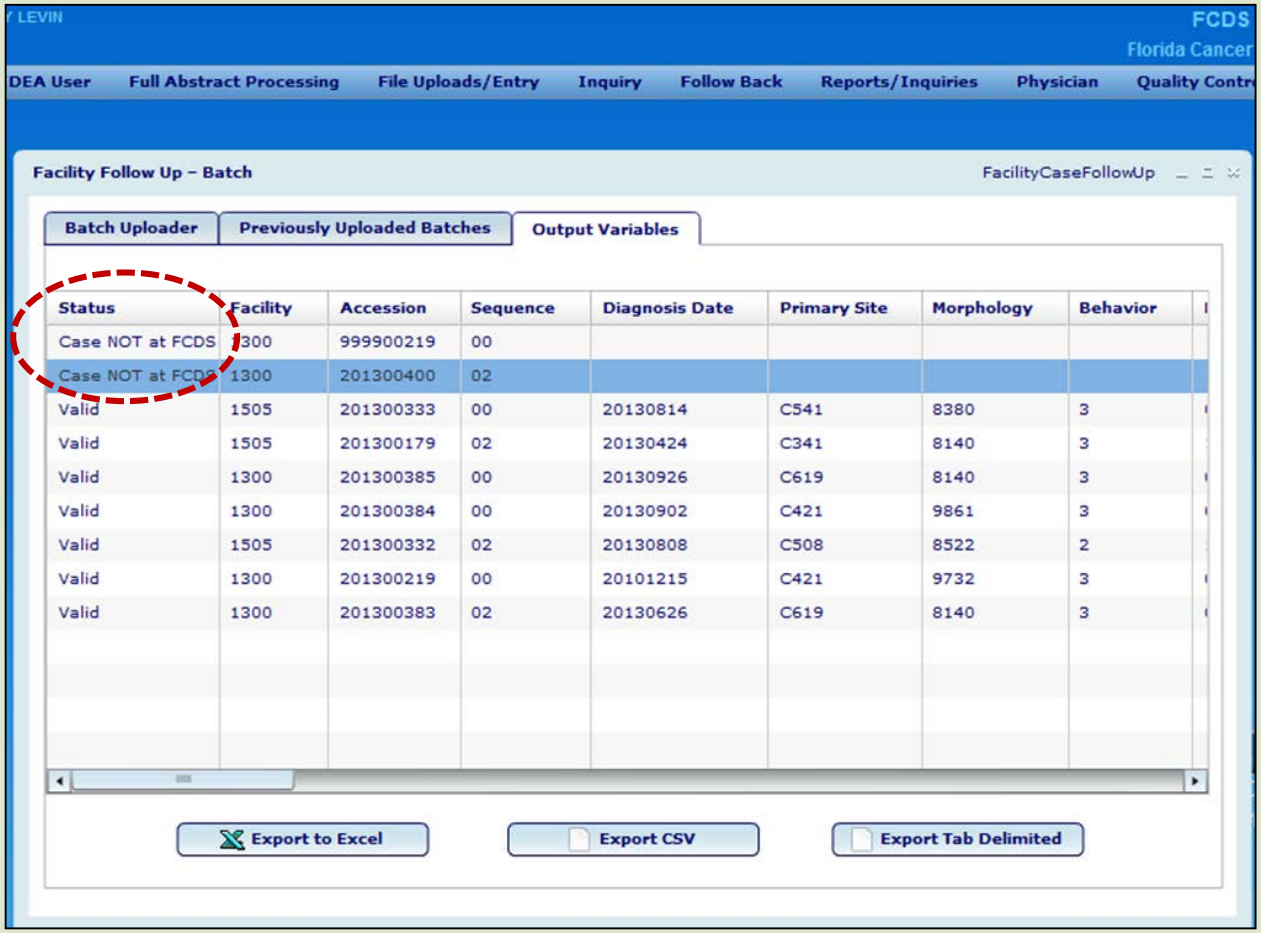


How to Use – Track Old Input Files



Status = Case NOT at FCDS

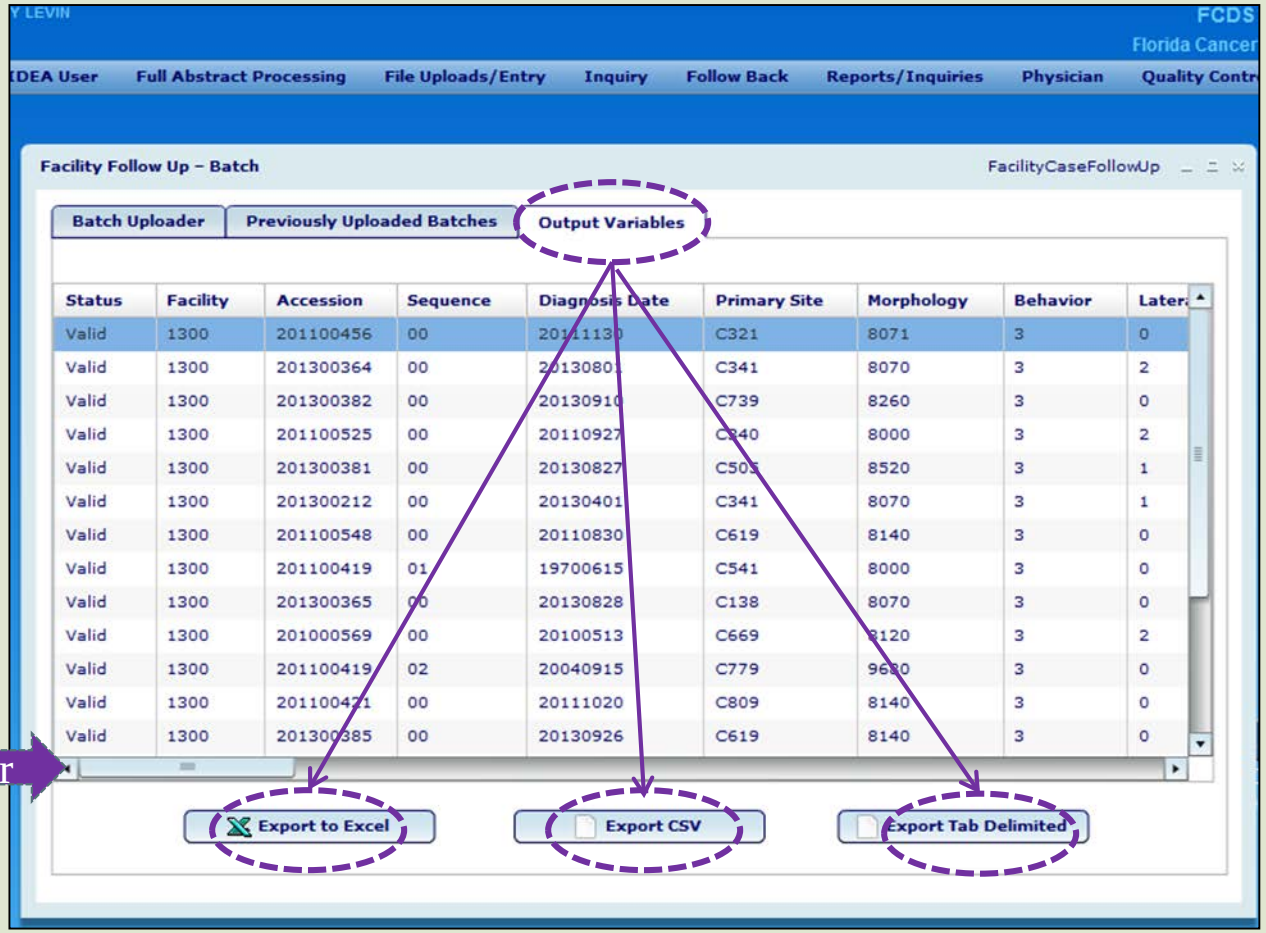
Verify that the Case is Reportable



Status	Facility	Accession	Sequence	Diagnosis Date	Primary Site	Morphology	Behavior
Case NOT at FCDS	1300	999900219	00				
Case NOT at FCDS	1300	201300400	02				
Valid	1505	201300333	00	20130814	C541	8380	3
Valid	1505	201300179	02	20130424	C341	8140	3
Valid	1300	201300385	00	20130926	C619	8140	3
Valid	1300	201300384	00	20130902	C421	9861	3
Valid	1505	201300332	02	20130808	C508	8522	2
Valid	1300	201300219	00	20101215	C421	9732	3
Valid	1300	201300383	02	20130626	C619	8140	3

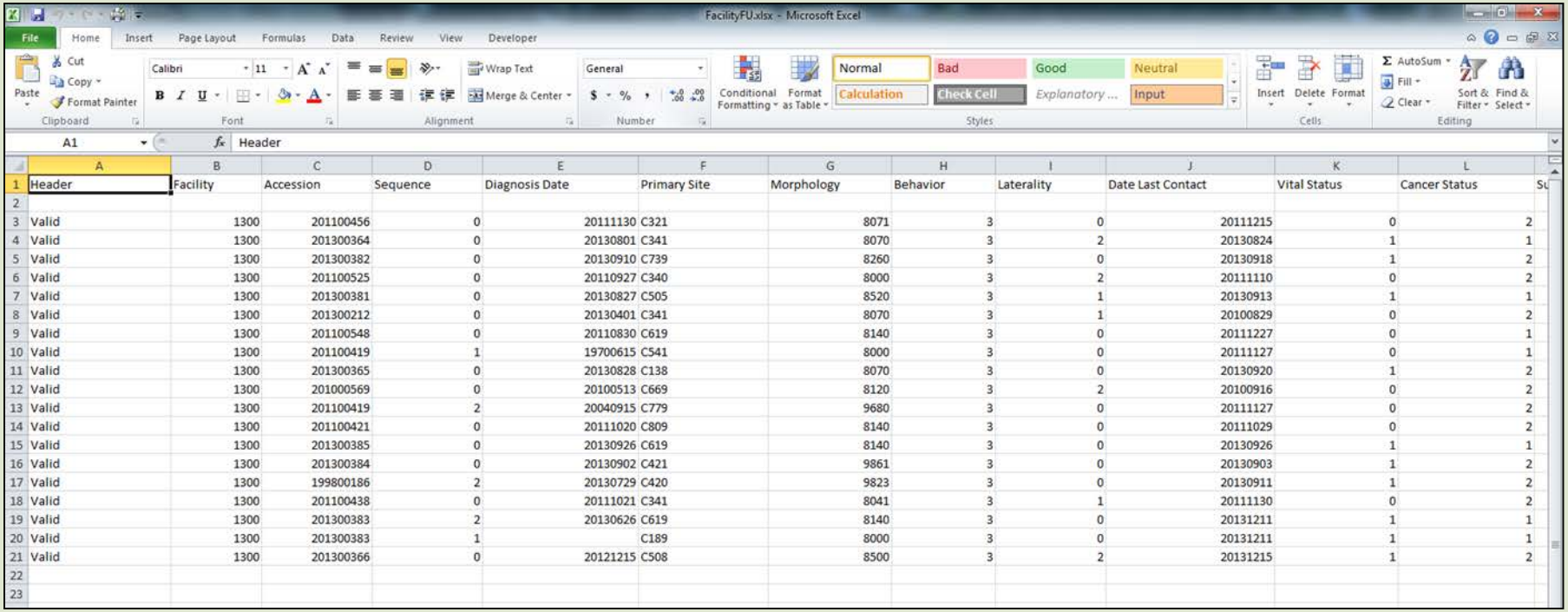
Then Re-Send the Case to FCDS

How to Use – Output Variables



How to Use – Output Variables

Export - Excel



FacilityFU.xlsx - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L
1	Header	Facility	Accession	Sequence	Diagnosis Date	Primary Site	Morphology	Behavior	Laterality	Date Last Contact	Vital Status	Cancer Status
2												
3	Valid	1300	201100456	0	20111130	C321	8071	3	0	20111215	0	2
4	Valid	1300	201300364	0	20130801	C341	8070	3	2	20130824	1	1
5	Valid	1300	201300382	0	20130910	C739	8260	3	0	20130918	1	2
6	Valid	1300	201100525	0	20110927	C340	8000	3	2	20111110	0	2
7	Valid	1300	201300381	0	20130827	C505	8520	3	1	20130913	1	1
8	Valid	1300	201300212	0	20130401	C341	8070	3	1	20100829	0	2
9	Valid	1300	201100548	0	20110830	C619	8140	3	0	20111227	0	1
10	Valid	1300	201100419	1	19700615	C541	8000	3	0	20111127	0	1
11	Valid	1300	201300365	0	20130828	C138	8070	3	0	20130920	1	2
12	Valid	1300	201000569	0	20100513	C669	8120	3	2	20100916	0	2
13	Valid	1300	201100419	2	20040915	C779	9680	3	0	20111127	0	2
14	Valid	1300	201100421	0	20111020	C809	8140	3	0	20111029	0	2
15	Valid	1300	201300385	0	20130926	C619	8140	3	0	20130926	1	1
16	Valid	1300	201300384	0	20130902	C421	9861	3	0	20130903	1	2
17	Valid	1300	199800186	2	20130729	C420	9823	3	0	20130911	1	2
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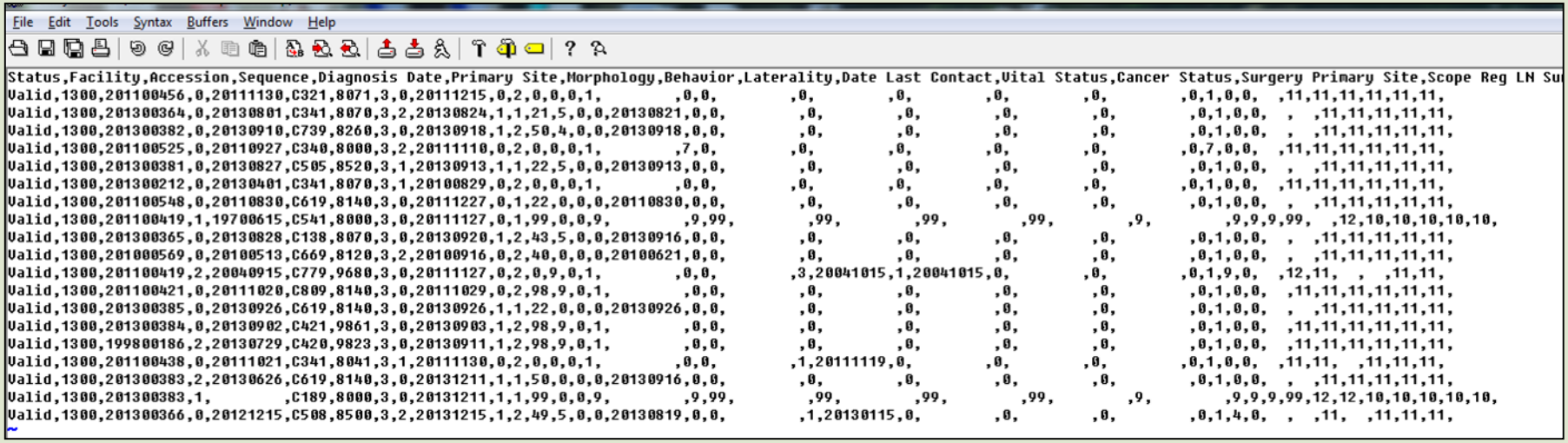
20	Valid	1300	201300383	1		C189	8000	3	0	20131211	1	1
21	Valid	1300	201300366	0	20121215	C508	8500	3	2	20131215	1	2
22												
23												

How to Use – Output Variables

Export - CSV

Comma-Separated-Values



File Edit Tools Syntax Buffers Window Help

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Status,Facility,Accession,Sequence,Diagnosis Date,Primary Site,Morphology,Behavior,Laterality,Date Last Contact,Vital Status,Cancer Status,Surgery Primary Site,Scope Reg LN Su
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~
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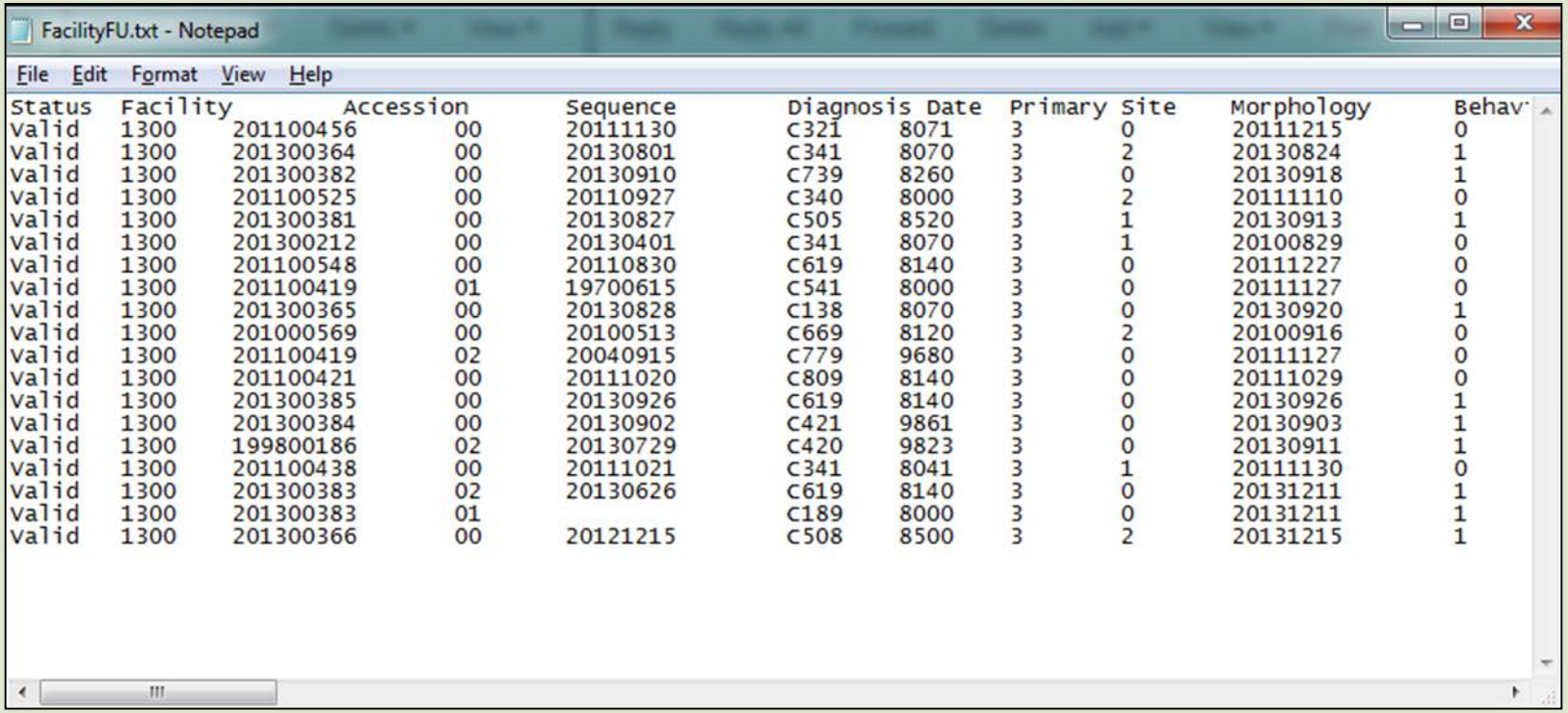
How to Use – Output Variables

Export - Tab Delimited File



FacilityFU.txt - Notepad

File Edit Format View Help

Status	Facility	Accession	Sequence	Diagnosis Date	Primary Site	Morphology	Behav
Valid	1300	201100456 00	20111130	C321	8071	3 0	20111215 0
Valid	1300	201300364 00	20130801	C341	8070	3 2	20130824 1
Valid	1300	201300382 00	20130910	C739	8260	3 0	20130918 1
Valid	1300	201100525 00	20110927	C340	8000	3 2	20111110 0
Valid	1300	201300381 00	20130827	C505	8520	3 1	20130913 1
Valid	1300	201300212 00	20130401	C341	8070	3 1	20100829 0
Valid	1300	201100548 00	20110830	C619	8140	3 0	20111227 0
Valid	1300	201100419 01	19700615	C541	8000	3 0	20111127 0
Valid	1300	201300365 00	20130828	C138	8070	3 0	20130920 1
Valid	1300	201000569 00	20100513	C669	8120	3 2	20100916 0
Valid	1300	201100419 02	20040915	C779	9680	3 0	20111127 0
Valid	1300	201100421 00	20111020	C809	8140	3 0	20111029 0
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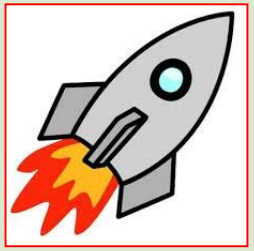
Valid	1300	201300384 00	20130902	C421	9861	3 0	20130903 1
Valid	1300	199800186 02	20130729	C420	9823	3 0	20130911 1
Valid	1300	201100438 00	20111021	C341	8041	3 1	20111130 0
Valid	1300	201300383 02	20130626	C619	8140	3 0	20131211 1
Valid	1300	201300383 01		C189	8000	3 0	20131211 1
Valid	1300	201300366 00	20121215	C508	8500	3 2	20131215 1

Testing – Testing – Testing

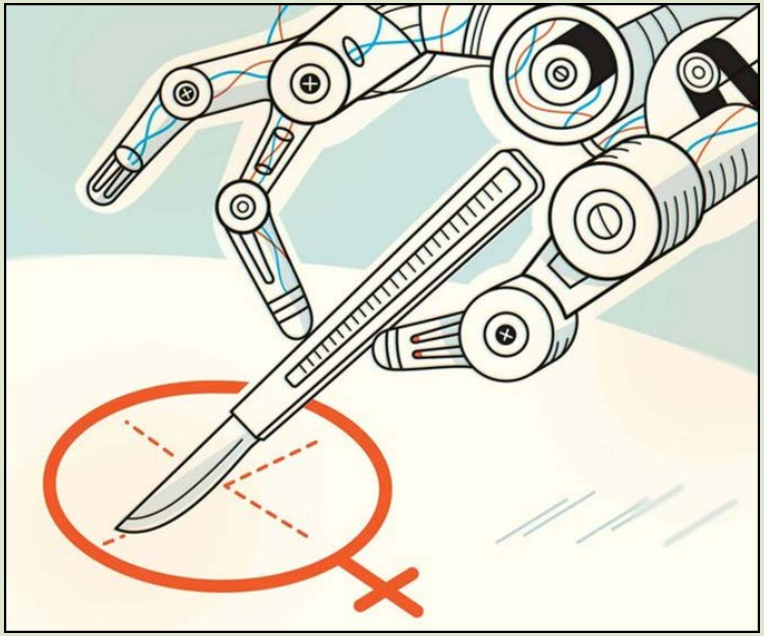
- Phase I Pilot Testers (Started 5/14/2014)
  - Sara J. Holton, CTR – Mayo Clinic
  - Kelly King, CTR – Cleveland Clinic

- Phase II Pilot Testers (Started 6/26/2014)
  - Ana L. Ruiz, CTR – Mount Sinai Medical Center



- LAUNCH DATE – FCDS IDEA - September 1, 2014

Questions



Please Contact Gary Levin or Steve Peace at FCDS
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http://fcds.med.miami.edu/inc/staff.shtml