

Iowa Immunization Registry Information System  
(IRIS)  
School Data Submission & Query

Version 1.2  
August 2015

## School Data Submission

1. Log into IRIS at <https://iris.iowa.gov> using your Org Code, Username and password.

**Iowa's Immunization Registry Information System**

HOME FORMS RELATED LINKS TRAINING

**Hot Topics** [HT-1](#)

Welcome to Iowa's Immunization Registry Information System (IRIS)! *Posted on 11/24/2010*

If you are an authorized user, please login using your unique combination of Organization Code, Username, and Password.

If you are a new user, please visit the training tab above, and contact your organization's Administrative User for further information. If you are from an organization requesting access for the first time, please contact the IRIS Help Desk to request enrollment information. IRIS Help Desk hours are 8:00 a.m. – 4:00 p.m. Monday through Friday, excluding government holidays. Contact the Help Desk at 800-374-3958.

This site will work optimally for users logging in with Internet Explorer browsers versions 6, 7, or 8. If you are using alternate browsers and experience display issues, please consider switching to Internet Explorer.

- [About Iowa Immunization Registry Information System](#)
- [About Iowa Medical Countermeasure](#)
- [About Public Immunization Record Access](#)
- [Disclaimer](#)
- [Contact Us](#)

Production Region \*\*\*\*\*

Org Code:

Username:

Password:

Login

\*\*\*\*\*

DO NOT ATTEMPT TO LOG ON UNLESS YOU ARE AN AUTHORIZED USER \*\*\*\*\*

2. Click the 'submit data' link.

home manage access/account forms related links logout help desk

organization Torys School Test • user Tory King • role School Match

**announcements:**

- NEW 01/23/2014 ~ [IRIS Security Questions and Password Reset](#)
- NEW 01/23/2014 ~ [IRIS Security Questions and Password Reset](#)
- NEW 10/18/2012 ~ [10-18-12 Test](#)
- NEW 08/23/2012 ~ [PHRT Deployment](#)
- NEW 08/16/2012 ~ [Brand Spankin' New Event](#)
- NEW 08/16/2012 ~ [Flood](#)

UAT Region 3.5.0

**Data Exchange**

- submit data
- submit query
- check status

3. You can type in a name for the data submission job in the text box labeled, 'Job Name' or leave it blank. The job name identifies the data submission job on the Check Status screen and helps identify data submission jobs when more than one is listed.

home manage access/account forms related links logout help desk

organization Torys School Test • user Tory King • role School Match

**Exchange Data**

Job Name  Upload

NOTE: If Job Name is blank, today's date will be used.

Patient File Name  Browse...

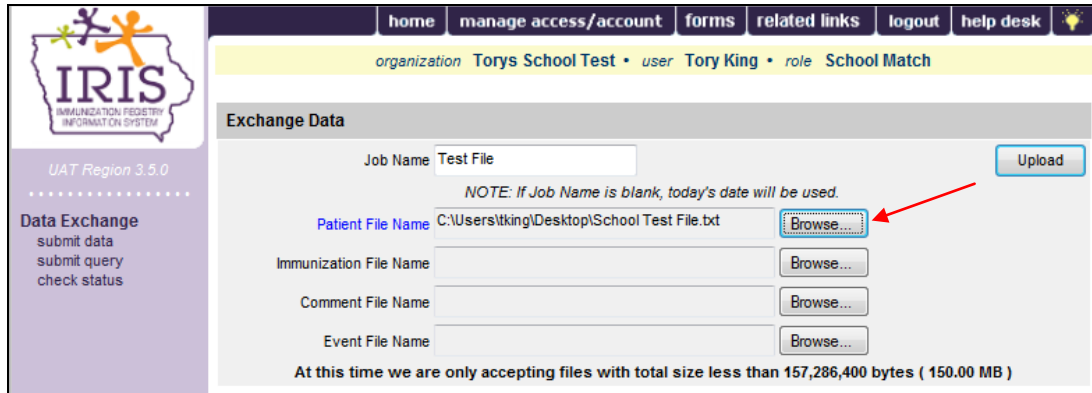
Immunization File Name  Browse...

Comment File Name  Browse...

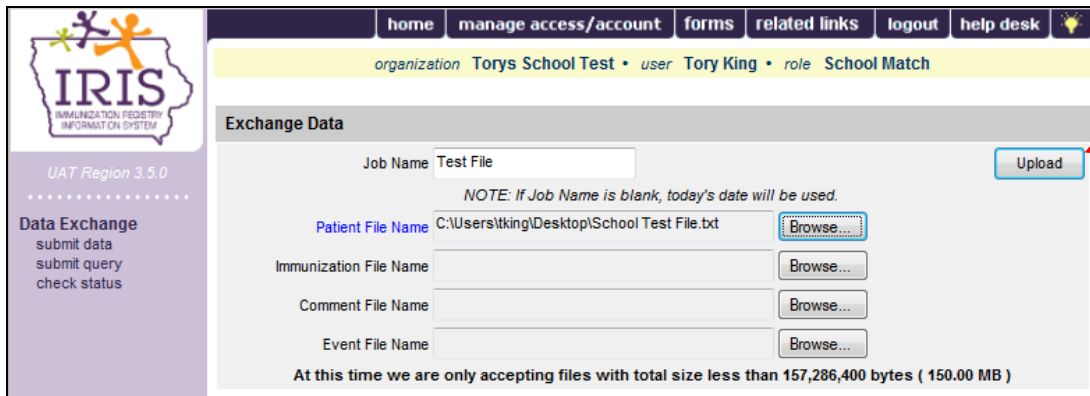
Event File Name  Browse...

At this time we are only accepting files with total size less than 157,286,400 bytes ( 150.00 MB )

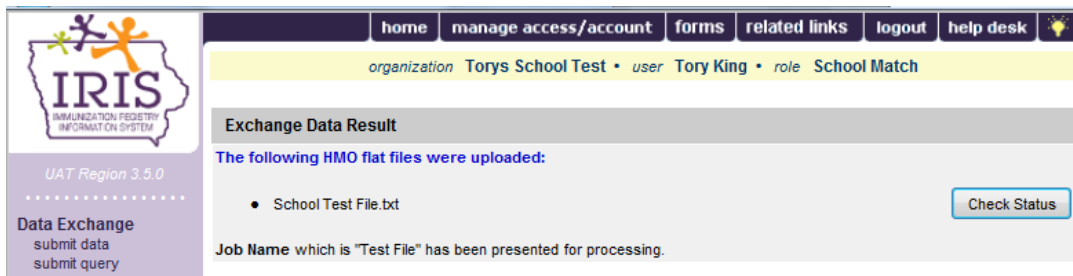
- Click the 'Browse' button to search for the patient file location on your computer. All files uploaded into IRIS must be in a .txt format.



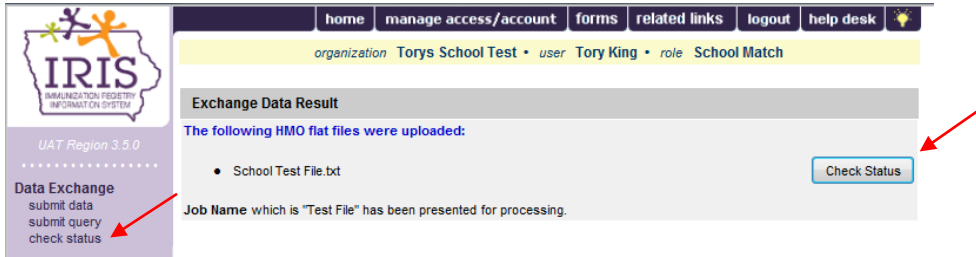
- When the correct file is selected, click the 'Upload' button.



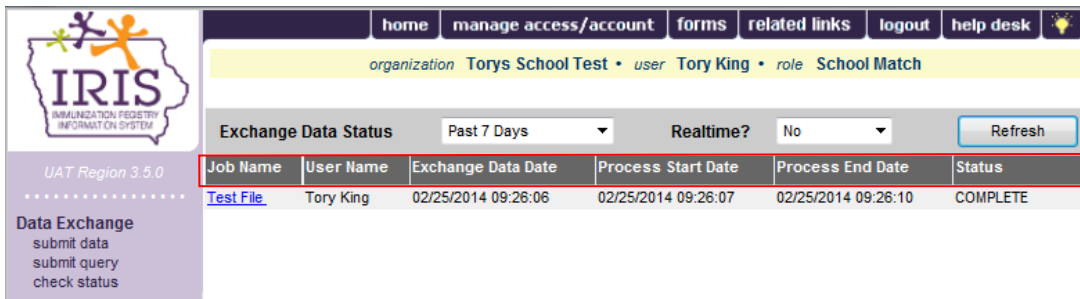
- Once the file has been loaded into IRIS, you will be redirected to the Data Exchange results screen. This screen gives you information about the file that was uploaded in the data submission job.



- To check the progress of a data submission job, click the 'Check Status' button or the 'check status' link on the left menu panel.



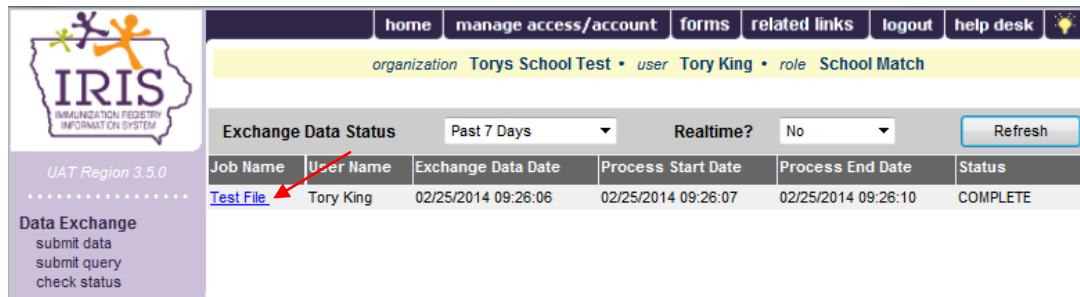
- On the Exchange Data Status screen, you will see a list of the data submission jobs and information pertaining to the job including the Job Name, User Name (person submitting the job), Date, Process Start Date, Process End Date and the status of the submitted job(s).



The most common Statuses are:

- Preprocessing - the job submission is in a preprocessing status, and you must notify IDPH the file is available for review. IDPH will review the file and continue the processing.
- Processing – the job submission is processing the data file.
- Complete – the job submission has completed processing.
- Error – the data file contains errors that have stopped the file from processing.
- Exception – the file is structured too poorly to process.
  - Files with Errors or Exceptions must be re-formatted and re-submitted.


- After the processing is complete, click the blue Job Name link to view the Job Detail page.



10. The Job Detail screen displays a summary of the job.

organization Torsys School Test • user Tory King • role School Match

**Download Files for: Test File**

[Response File \( 3KB \)](#) 

[Inbound Patient File \( 1KB \)](#)

**Download Log for: Test File**

File	User Name	Download Date
No Download Logged		

**Summary Information for: Test File**

Description	Patient	Immunization	Comment	Event
Processed	1	0	0	0
Accepted	0	0	0	0
New	0	0	0	0
Updated	0	0	0	0
Deleted	-	0	-	-
Already in IRIS	0	0	0	0
Rejected	1	0	0	0
Pending	0	0	0	0
Unprocessed (patient rejected)	-	0	0	0
Inventory Updated	0	0	0	0
Inventory Not Updated	0	0	0	0

The Download Files section shows the files available.

1. The Response File will give you details about the records that were accepted into IRIS and any errors that were encountered during the file processing.
2. The Inbound Patient File displays the file that was uploaded into IRIS.

```

//////////////////////////////////////
// SUMMARY
//////////////////////////////////////
** JOB INFORMATION
.....
Job ID: 131228
Job Start Date: Tue Feb 25 11:09:09 CST 2014
Job End Date: Tue Feb 25 11:09:10 CST 2014
.....
** FILES RECEIVED BY IRIS IIS
.....
DESCRIPTION PATIENT IMMUNIZATION COMMENT EVENT
-----
Processed 1 0 0 0
Accepted 1 0 0 0
  New 1 0 0 0
  Updated 0 0 0 0
Already in IRIS IIS 0 0 0 0
Rejected 0 0 0 0
Pending 0 0 0 0
Inventory Updated 0 0 0 0
Inventory Not Updated 0 0 0 0
.....
// DETAIL
//////////////////////////////////////
** PATIENTS THAT WERE ACCEPTED, THOUGH HAD ONE OR MORE OPTIONAL FIELDS THAT WERE INVALID
.....
[587104] Patient GOODE, BARRY Born 06222010
CL Informational Error. Patient does not have any immunizations associated with it

```

The Summary Information section gives you a summary on the files processed, the files accepted, updated, rejected and those that already exist in IRIS.

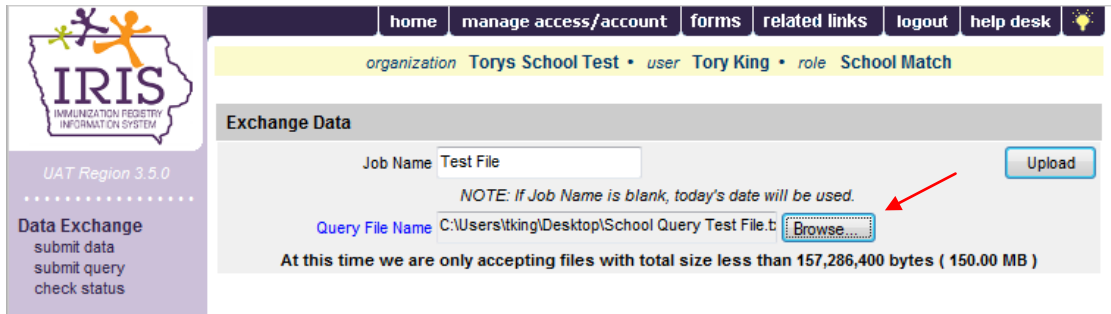
Summary Information for: Test File				
Description	Patient	Immunization	Comment	Event
Processed	1	0	0	0
Accepted	0	0	0	0
New	0	0	0	0
Updated	0	0	0	0
Deleted	-	0	-	-
Already in IRIS	0	0	0	0
Rejected	1	0	0	0
Pending	0	0	0	0
Unprocessed (patient rejected)	-	0	0	0
Inventory Updated	0	0	0	0
Inventory Not Updated	0	0	0	0

## School Data Query

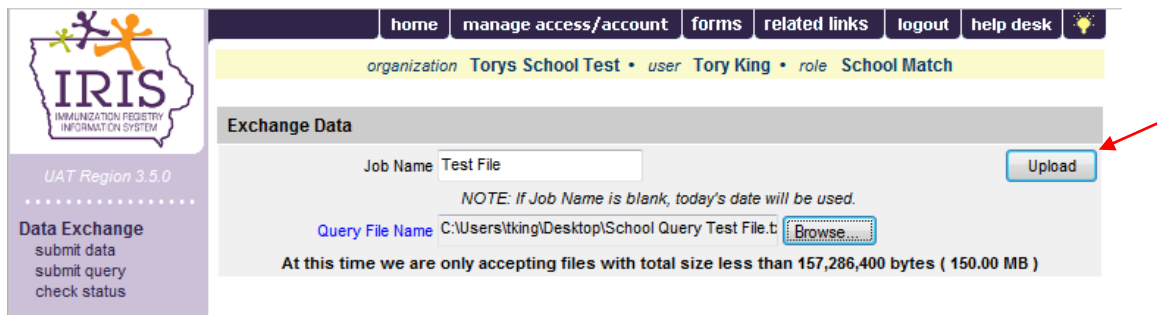
1. Click the 'submit query' link from the left menu panel.

2. You can type in a name for the data submission job in the text box labeled, 'Job Name' or you can leave it blank. The job name identifies the data submission job on the Check Status screen and helps identify data submission jobs when more than one is listed.

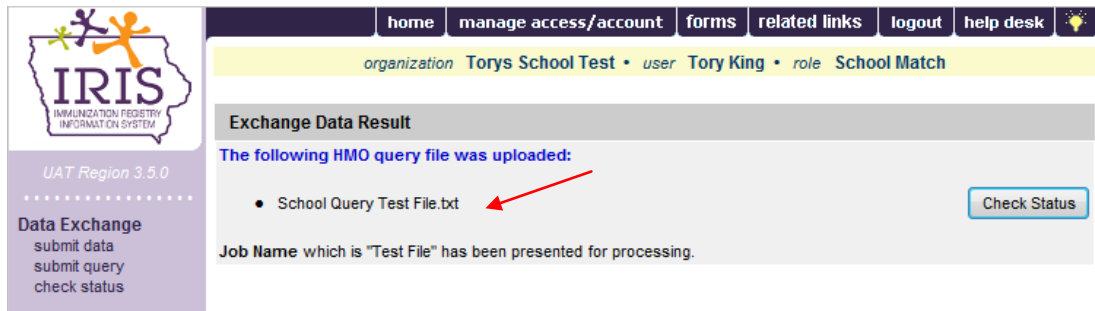
3. Click the 'Browse' button to search for the location on your computer. All files uploaded into IRIS must be in a .txt format.



4. When the correct file is selected, click the 'Upload' button.

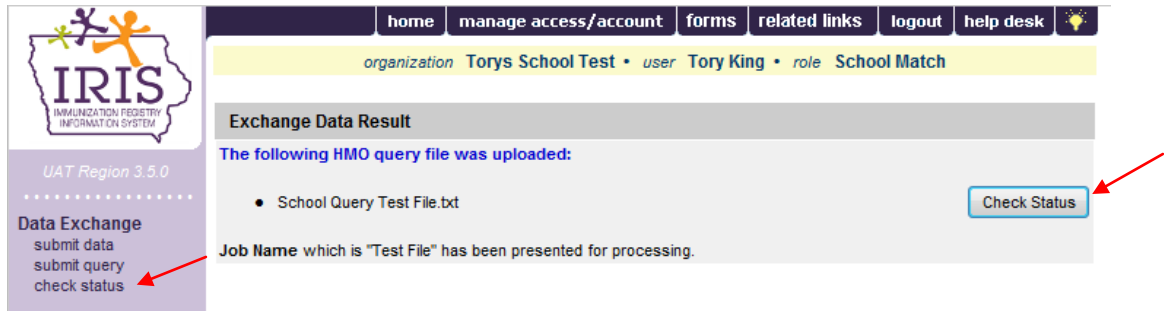


5. Once the file has been loaded into IRIS, you will be redirected to the Data Exchange results screen.



This screen gives you information about the file that was uploaded in the data submission job.

- To check the progress of a data submission job, click the 'Check Status' button or the 'check status' link on the left menu panel.



- On the Exchange Data Status screen, you will see a list of the data submission jobs and information pertaining to the job including the Job Name, User Name (person submitting the job), Date, Process Start Date, Process End Date and the status of the submitted job(s).

Job Name	User Name	Exchange Data Date	Process Start Date	Process End Date	Status
<a href="#">Test File</a>	Tory King	02/25/2014 13:18:27	02/25/2014 13:18:27	02/25/2014 13:18:28	COMPLETE
<a href="#">TEST FILE</a>	Tory King	02/25/2014 11:09:09	02/25/2014 11:09:09	02/25/2014 11:09:10	COMPLETE
<a href="#">Test File-SPLIT-SPLIT</a>	Tory King	02/25/2014 11:04:15	02/25/2014 11:04:31	02/25/2014 11:04:31	ERROR
<a href="#">Test File-SPLIT</a>	Tory King	02/25/2014 10:58:51	02/25/2014 11:04:14	02/25/2014 11:04:15	EXCEPTION
<a href="#">Test File</a>	Tory King	02/25/2014 10:58:50	02/25/2014 10:58:50	02/25/2014 10:58:51	EXCEPTION
<a href="#">Job 02/25/2014 10:52:20</a>	Tory King	02/25/2014 10:52:20	02/25/2014 10:52:20	02/25/2014 10:52:20	ERROR
<a href="#">Test File</a>	Tory King	02/25/2014 09:26:06	02/25/2014 09:26:07	02/25/2014 09:26:10	COMPLETE

The most common Statuses are:

- Processing – the job submission is processing the data file.
- Complete – the job submission has completed processing.
- Error – the data file contains errors that have stopped the file from processing.
- Exception – the file is structured too poorly to process.
  - Files with Errors or Exceptions must be re-formatted and re-submitted.

- After the processing is complete, click the blue Job Name link to view the Job Detail page.

Job Name	User Name	Exchange Data Date	Process Start Date	Process End Date	Status
<a href="#">Test File</a>	Tory King	02/25/2014 13:18:27	02/25/2014 13:18:27	02/25/2014 13:18:28	COMPLETE
<a href="#">TEST FILE</a>	Tory King	02/25/2014 11:09:09	02/25/2014 11:09:09	02/25/2014 11:09:10	COMPLETE
<a href="#">Test File-SPLIT-SPLIT</a>	Tory King	02/25/2014 11:04:15	02/25/2014 11:04:31	02/25/2014 11:04:31	ERROR
<a href="#">Test File-SPLIT</a>	Tory King	02/25/2014 10:58:51	02/25/2014 11:04:14	02/25/2014 11:04:15	EXCEPTION
<a href="#">Test File</a>	Tory King	02/25/2014 10:58:50	02/25/2014 10:58:50	02/25/2014 10:58:51	EXCEPTION
<a href="#">Job 02/25/2014 10:52:20</a>	Tory King	02/25/2014 10:52:20	02/25/2014 10:52:20	02/25/2014 10:52:20	ERROR
<a href="#">Test File</a>	Tory King	02/25/2014 09:26:06	02/25/2014 09:26:07	02/25/2014 09:26:10	COMPLETE

9. The Job Detail page will show you the files returned from the query.

The screenshot shows the IRIS (Immunization Registry Information System) interface. At the top, there are navigation buttons: home, manage access/account, forms, related links, logout, and help desk. Below these, the user's organization is listed as 'Torsys School Test', the user as 'Tory King', and the role as 'School Match'. The main content area is titled 'Download Files for: Test File' and contains three links: 'Inbound Query File ( 1KB )', 'Outbound Demographic File ( 1KB )', and 'Outbound Immunization File ( 1KB )'. A red arrow points to the 'Outbound Demographic File' link. To the right of these links are 'Refresh' and 'Cancel' buttons. Below this is a 'Download Log for: Test File' section with a table that currently shows 'No Download Logged'. At the bottom is a 'Summary Information for: Test File' section with a table that currently shows 'No Summary Information'. On the left side, there is a sidebar with the IRIS logo and 'UAT Region 3.5.0' information, along with a 'Data Exchange' section containing links for 'submit data', 'submit query', and 'check status'.

The Inbound Query File is a display of the query file submitted. The Outbound Demographic File returns patients that were matched to the query.

C587104	BARRY
GOODE	06222010M

The Outbound Immunization File returns immunizations for the patients matched in the query.

587104	90731HepB	45 HepB	10222010
587104	90731HepB	45 HepB	08222010
587104	90731HepB	45 HepB	06222010
587104	90724Influenza-seasn188	Influenza, NOS	10222011
587104	90700Td/Tdap	107DTaP, NOS	08222010
587104	90700DTP/aP	107DTaP, NOS	10222010
587104	90700Td/Tdap	107DTaP, NOS	1222010

For questions about the query, please call the IRIS Help Desk at 800-374-3958 between 8:00 a.m. and 4:30 p.m. Monday through Friday.

## Data File Specifications

### Load Format

The Patient File must be in .txt format.

Column	Data Type	Position #	Required	MCO Encounter Description/Object Name	Notes
Record Identifier	Char(32)	1	Y	Recipient ID	
Patient Status	Char(1)	33			
First Name	Char(50)	34	Y	Recipient First Name	
Middle Name	Char(50)	84		Recipient Middle Initial	
Last Name	Char(50)	134	Y	Recipient Last Name	
Name Suffix	Char(10)	184			
Birth Date	Date(8)	194	Y	Date of Birth	MMDDYYYY
Death Date	Date(8)	202		Date of Death	MMDDYYYY
Mother's First Name	Char(50)	210			
Mother's Maiden Last Name	Char(50)	260			
Mother's HBsAg Status	Char(1)	310			
Sex (Gender)	Char(1)	311		Gender	
American Indian or Alaska Native	Char(1)	312			
Asian	Char(1)	313			
Native Hawaiian or Other Pacific Islander	Char(1)	314			
Black or African-American	Char(1)	315			
White	Char(1)	316			
Other Race	Char(1)	317			
Ethnicity	Char(2)	318			
Social Security Number	Char(9)	320			
Contact Allowed	Char(2)	329			
Patient ID	Char(32)	331	Y	Must be the same number as the Record Identifier	
Medicaid ID	Char(20)	363			
Responsible Party First Name	Char(50)	383			
Responsible Party Middle Name	Char(50)	433			
Responsible Party Last Name	Char(50)	483			
Responsible Party Relationship	Char(3)	533			
Street Address Line	Char(55)	536	Y	Address 2 (Street Address)	
Other Address Line	Char(55)	591			
PO Box Route Line	Char(55)	646			
City	Char(52)	701	Y	City	

Column	Data Type	Position #	Required	MCO Encounter Description/Object Name	Notes
State	Char(2)	753	Y	State	
Zip Code	Char(9)	755	Y	ZIP Code	
County	Char(5)	764	Y		
Phone	Char(17)	769	Y		
Sending Organization	Char(8)	786			

### Query Format

The Query file must be in a .txt format.

Column	Data Type	Position #	Required	MCO Encounter Description/Object Name	Notes
Patient Type	Char(1)	1	Y	Recipient ID	C for Commercial, M for Medicaid
Record Identifier	Char(32)	2	Y	Recipient ID	If sending Patient Type C, provide Patient ID (Chart Number). If sending Patient Type M, provide Medicaid ID.
First Name	Char(50)	34	Y	Recipient First Name	
Middle Name	Char(50)	84		Recipient Middle Initial	
Last Name	Char(50)	134	Y	Recipient Last Name	
Birth Date	Date(8)	184	Y	Date of Birth	MMDDYYYY

Table Item	Code	Description
<b>County</b>		
	IA001	Adair
	IA003	Adams
	IA005	Allamakee
	IA007	Appanoose
	IA009	Audubon
	IA011	Benton
	IA013	Black Hawk
	IA015	Boone
	IA017	Bremer
	IA019	Buchanan
	IA021	Buena Vista

	IA023	Butler
	IA025	Calhoun
	IA027	Carroll
	IA029	Cass
	IA031	Cedar
	IA033	Cerro Gordo
	IA035	Cherokee
	IA037	Chickasaw
	IA039	Clarke
	IA041	Clay
	IA043	Clayton
	IA045	Clinton
	IA047	Crawford
	IA049	Dallas
	IA051	Davis
	IA053	Decatur
	IA055	Delaware
	IA057	Des Moines
	IA059	Dickinson
	IA061	Dubuque
	IA063	Emmet
	IA065	Fayette
	IA067	Floyd
	IA069	Franklin
	IA071	Fremont
	IA073	Greene
	IA075	Grundy
	IA077	Guthrie
	IA079	Hamilton
	IA081	Hancock
	IA083	Hardin
	IA085	Harrison
	IA087	Henry
	IA089	Howard
	IA091	Humboldt
	IA093	Ida
	IA095	Iowa
	IA097	Jackson
	IA099	Jasper
	IA101	Jefferson
	IA103	Johnson
	IA105	Jones
	IA107	Keokuk
	IA109	Kossuth
	IA111	Lee
	IA113	Linn
	IA115	Louisa
	IA117	Lucas

	IA119	Lyon
	IA121	Madison
	IA123	Mahaska
	IA125	Marion
	IA127	Marshall
	IA129	Mills
	IA131	Mitchell
	IA133	Monona
	IA135	Monroe
	IA137	Montgomery
	IA139	Muscatine
	IA141	O'Brien
	IA143	Osceola
	IA145	Page
	IA147	Palo Alto
	IA149	Plymouth
	IA151	Pocahontas
	IA153	Polk
	IA155	Pottawattamie
	IA157	Poweshiek
	IA159	Ringgold
	IA161	Sac
	IA163	Scott
	IA165	Shelby
	IA167	Sioux
	IA169	Story
	IA171	Tama
	IA173	Taylor
	IA175	Union
	IA177	Van Buren
	IA179	Wapello
	IA181	Warren
	IA183	Washington
	IA185	Wayne
	IA187	Webster
	IA189	Winnebago
	IA191	Winneshiek
	IA193	Woodbury
	IA195	Worth
	IA197	Wright