



Interface Administration Overview

This Job Aid provides information about the Employee Data Upload and Position Data Upload processes in Cardinal. It also provides common error messages from these uploads and their explanations.

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Revision History

Revision Date	Summary of Changes
TBD	Updated the screenshots of the Search pages (Section 3 , after Step 1; Section 9 , after Step 1). Added reference information to the Overview of the Cardinal HCM Search Pages Job Aid.

Overview of Employee Data Upload Processing Rules

For agencies that opt to use agency-based HR systems, the HR003 Employee Data Upload interface enables Cardinal to receive daily files containing additions and changes to employee (salary and wage) personal and job data. Upon reception, Cardinal applies necessary updates to job data and employee tables.

These processes support the following scenarios:

1. New hires and rehires
2. Personal data update
3. Job data update
4. Intra-Transfers from one position to another
5. Inter-Transfers from one agency (company) to another
6. Termination
7. Establish and maintain Additional Pay for Temporary Pay or Military Pay
8. Enrollment into Absence Management
9. Enrollment to Benefits

Employee Data Upload files are processed through the following steps:

1. The agency sends personal and job data using a Cardinal flat file template posted on the secure Cardinal servers for processing (external system files should be placed in the Cardinal FTP server folder). Multiple files can be sent
2. The program loads data from the file(s) to a Cardinal Staging record, and transactions are processed in order of effective date
 - a. Transactions effective dated greater than one (1) day in the future are rejected for all Business Units other than VRSRT. (e.g., A transaction with an effective date of 3/4/2021 would be accepted in a file processed on 3/3/2021, but a transaction with an effective date of 3/5/2021 would be rejected and written to the error record). Rejected transactions are included on the error record
 - b. Future effective dated transactions are only accepted from Business Unit VRSRT
 - c. If multiple data change actions (i.e., Cardinal Action = DTA) occur for an employee with the same effective date, only the first row is processed, and all other rows are rejected
 - d. Cardinal will assign a new Employee ID to each new hire in the uploaded file
 - e. If the **Action** field is populated with “**Rehire**”, but Cardinal does not have an existing record for that employee, the interface automatically adjusts the **Action** field to “**Hire**” and **Reason** field to “**New Hire**”

Note: The interface also populates a warning message of: “Received rehire request for an employee who was not in Cardinal.”

3. Rows that fail validation rules are written to the error table and are not loaded into Cardinal.
4. The upload program will assign default values as listed below for new hires while uploading Job Data:
 - a. The **Holiday Schedule** field assigns to the default Holiday Schedule associated with the Employee's Pay Group/Company combination
 - b. The **Absence System** field defaults to the Absence System associated with the Company value
 - c. The **Use Paygroup Eligibility** checkbox is always de-selected
 - d. The **Absence Paygroup** field assigns to the default selection based on a mapping table
 - e. The **Compensation Frequency** field defaults based upon the entry in the Paygroup.
5. All invalid rows are loaded into the error table and error log.

Note: Agencies should monitor their file server folder and review error reports to identify if the file submitted to Cardinal is rejected due to file level errors. Agencies should immediately transmit the corrected file. If the inbound employee file is accepted by Cardinal but has transaction level errors, all errors should be immediately corrected by the agencies. Cardinal will process the corrected file in the next nightly batch. Errors not addressed by the payroll processing deadlines may impact employee pay and earnings distribution.

Employee Data Upload Error Processing

There are two different rejection error levels for the **Employee Data Upload** program:

1. **File Level Error:** A file level error will occur if the file does not meet the file layout or other file requirements (e.g., corrupted file or invalid file name). If a file level error occurs, none of the transaction data in the file is uploaded into Cardinal. The file must be corrected by the agency and re-sent to Cardinal for processing.
2. **Transaction Level Error:** A transaction level error occurs if the file is successfully processed by Cardinal (no file level errors exist), but individual transactions contain invalid values or do not meet interfacing position reporting requirements for the employee or agency (e.g., missing required fields for a transaction). If a transaction level error occurs, only the transaction(s) with errors are rejected and all other transactions in the file are uploaded to Cardinal. The errored transaction(s) should be corrected in the agency source system and re-sent to Cardinal or corrected manually in Cardinal by the HR Administrator.
 - a. **Warnings:** The **Employee Data Upload** also contains warnings. Warnings indicate that the transaction loaded, but additional follow-up may be needed. They can also indicate that the interface loaded a value different from what was specified in the file (e.g., the file left a field blank, and Cardinal loaded a default value). Agencies should follow up on warnings and determine if any actions are needed.

Employee Data Upload Error Report

The **VHRR006 Employee Data Upload Error Report** can be viewed for a file after the daily batch process has run to completion. The batch process posts the report to the Report Manager in Cardinal within the agency specific folder and to the file server for the agencies to retrieve automatically outside of Cardinal. Reports are available in the Report Manager for 30 calendar days and on the file server for seven days.

The Reports Manager is available via the following navigation:

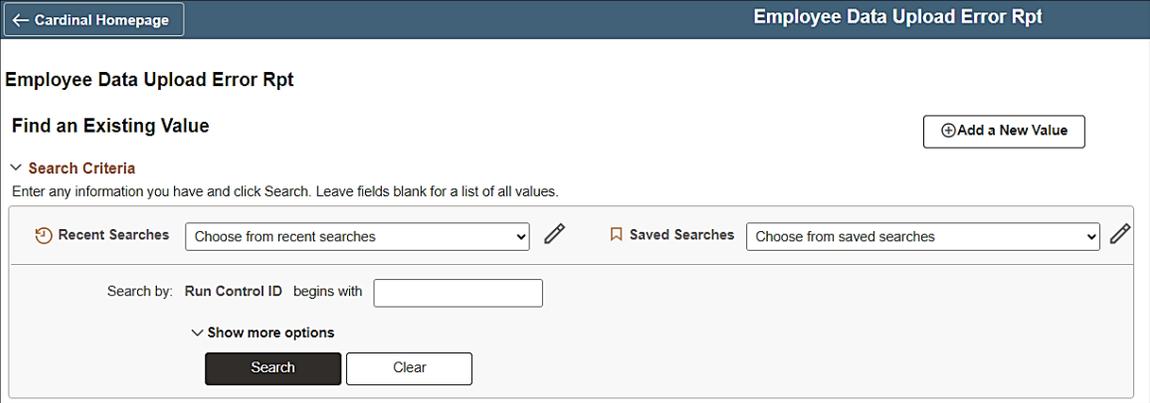
NavBar > Menu > Reporting Tools > Report Manager

The error report can be regenerated at any time by end users. The report should be reviewed by the agency daily or based on the frequency the agency sends files. There are 2 options to generate this report manually:

Option 1: Run a standard **Employee Data Upload Error Report** - the output format is automatically generated by the system in a PDF format.

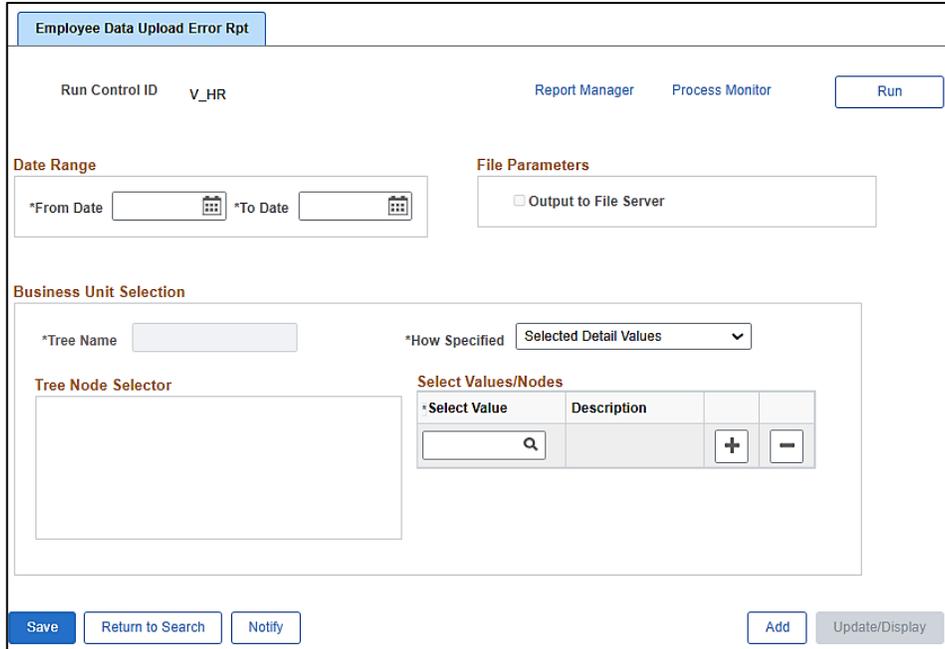
Option 2: Run the [V HR Employee Upload Error Query](#) - the output can be downloaded into an Excel/CSV format to enable data manipulation.

Option 1: The **Employee Data Upload Error Report** can be generated manually in a PDF format by completing the following steps:

Step	Action
1.	Navigate to the Employee Data Upload Error Report page using the following path: NavBar > Menu > Workforce Administration > Job Information > Reports > Employee Data Upload Error Rpt
<p>The Employee Data Upload Error Rpt Find an Existing Value page displays.</p> 	
	<p>For more information pertaining to the Cardinal HCM Search pages, refer to the Job Aid titled “Overview of the Cardinal HCM Search Pages”. This Job Aid is located on the Cardinal Website in Job Aids under Learning.</p>
2.	<p>Enter the Run Control ID in the Run Control ID field.</p> <p>Note: If the user has never generated this report before, click the Add a New Value button to set one up. For further information on adding a Run Control ID, see the WBT titled NAV225_Cardinal Reporting (HCM). This WBT can be found on the Cardinal website in Web-Based Training (HCM) under Learning.</p> 
3.	<p>Click the Search button.</p> 

Step	Action
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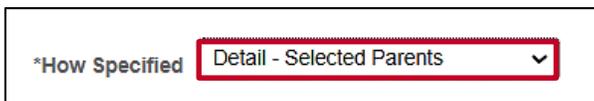
The **Employee Data Upload Error Report** page displays.



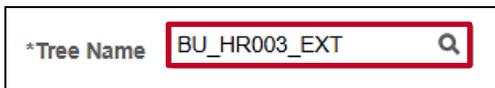
4. Enter the date range for when you want to run the report in the **Date Range** fields. This can be one day or several days based upon the date the files were uploaded.



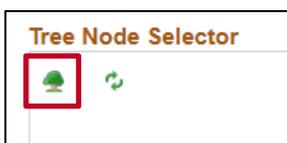
5. In the ***How Specified** field, select “Detail – Selected Parents”.



6. In the ***Tree Name** field, select “BU_HR003_EXT”.

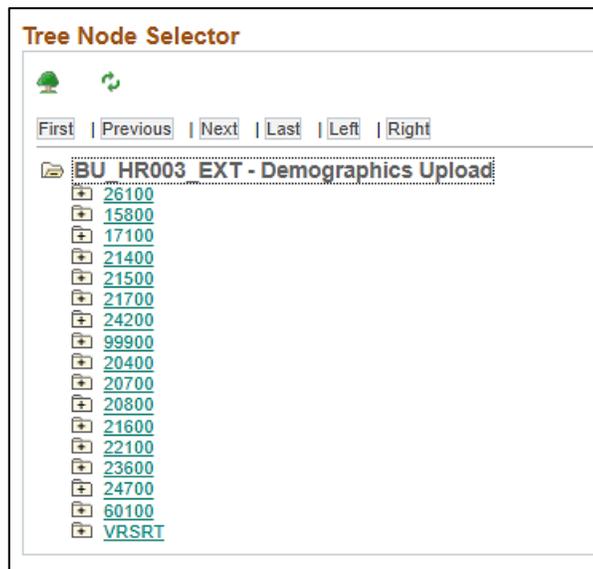


7. In the **Tree Node Selector**, click the **Tree** icon.



Step	Action
8.	Click the Folder icon to expand the folder. 

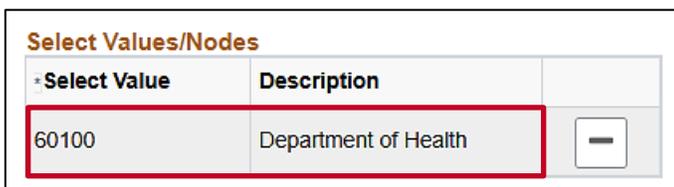
The folder expands to list the business units (**BU_HR003_EXT – Demographics Upload**).



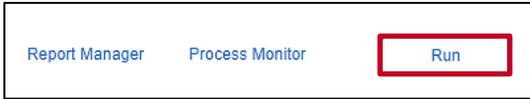
9.	Select the submitting agency/agencies. Note: In this example, “60100” is selected. 
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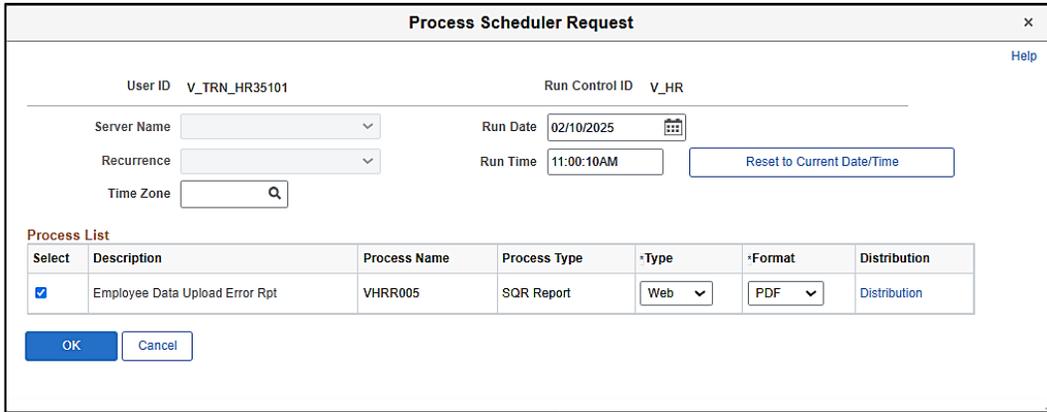
The ***Select Value** and **Description** is automatically populated in the **Select Values/Nodes** field.



Step	Action
10.	Click the Run button to run the report.



The **Process Scheduler Request** page displays in a pop-up window.

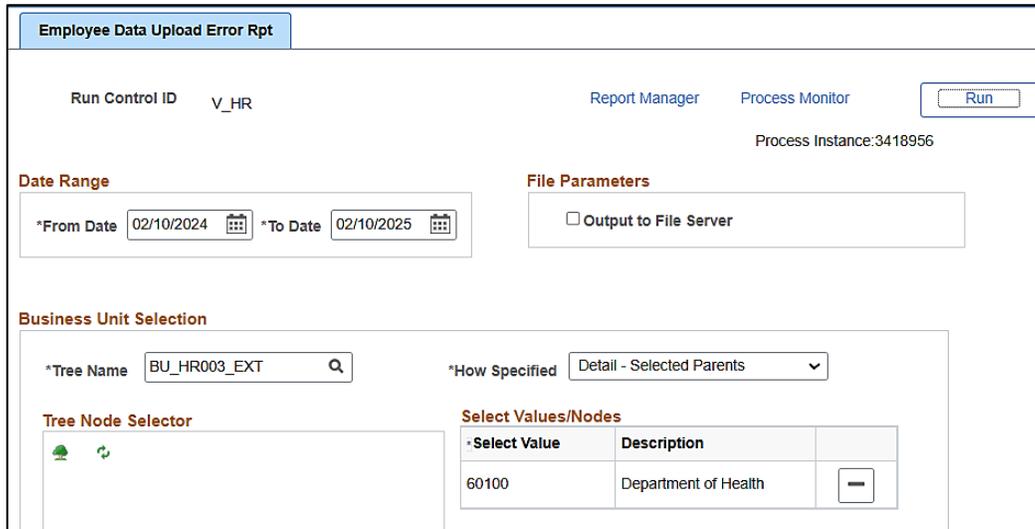


Select	Description	Process Name	Process Type	*Type	*Format	Distribution
<input checked="" type="checkbox"/>	Employee Data Upload Error Rpt	VHRR005	SQR Report	Web	PDF	Distribution

11.	Click the OK button to send the report to the Process Scheduler.
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The **Employee Data Upload Error Report** page refreshes and displays the **Process Instance** number.



*Select Value	Description
60100	Department of Health

Step	Action
12.	Click the Process Monitor link to view the report.

[Report Manager](#)
Process Monitor
Run

Process Instance:3418953

The **Process List** page displays.

Process List | Server List

View Process Request For

User ID Type Last 1 Days Refresh

Server Name Instance From Instance To Clear

Run Status Distribution Status Save On Refresh Report Manager Reset

Process List

Select	Instance	Seq.	Process Type	Process Name	User	Run Date/Time	Run Status	Distribution Status	Details	Actions
<input type="checkbox"/>	3418956		SQR Report	VHRR005		02/10/2025 4:45:51PM EST	Success	Posted	Details	Actions

13. Once the report generates a **Run Status** of “Success” and a **Distribution Status** of “Posted”, click on the **Details** link.

Process List

Select	Instance	Seq.	Process Type	Process Name	User	Run Date/Time	Run Status	Distribution Status	Details	Actions
<input type="checkbox"/>	3418956		SQR Report	VHRR005		02/10/2025 4:45:51PM EST	Success	Posted	Details	Actions

The **Process Detail** page displays in a pop-up window.

Process Detail x

[Help](#)

Process

Instance 3418953 Type SQR Report

Name VHRR005 Description Employee Data Upload Error Rpt

Run Status Success Distribution Status Posted

Run

Run Control ID V_HR

Location Server

Server PSUNX1

Recurrence

Update Process

Hold Request

Queue Request

Cancel Request

Delete Request

Re-send Content Restart Request

Date/Time

Request Created On 02/10/2025 11:07:28AM EST

Run Anytime After 02/10/2025 11:07:25AM EST

Began Process At 02/10/2025 11:07:32AM EST

Ended Process At 02/10/2025 11:07:33AM EST

Actions

[Parameters](#) [Transfer](#)

[Message Log](#)

[Batch Timings](#)

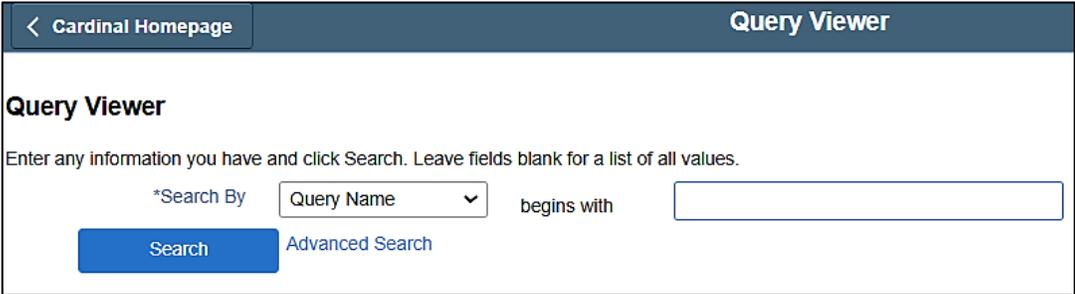
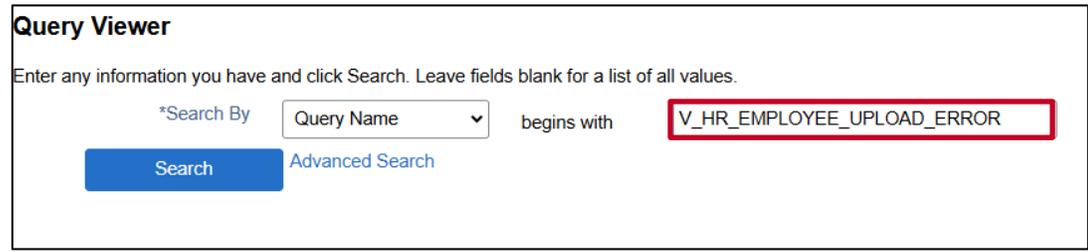
[View Log/Trace](#)

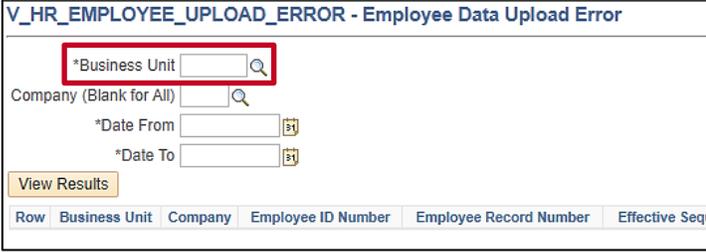
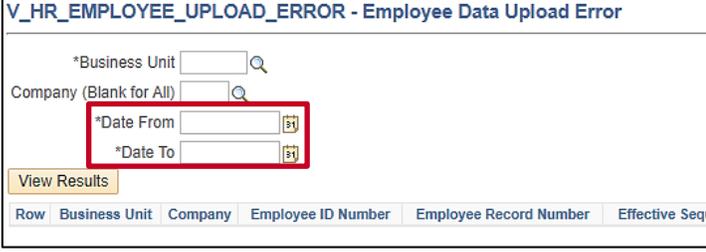
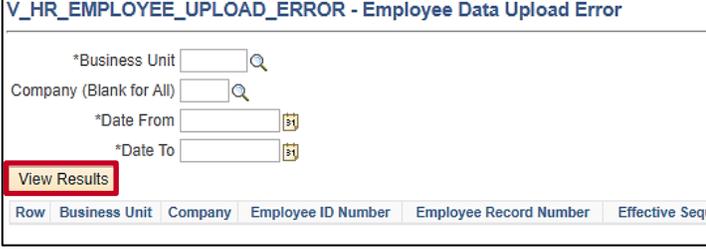
OK Cancel

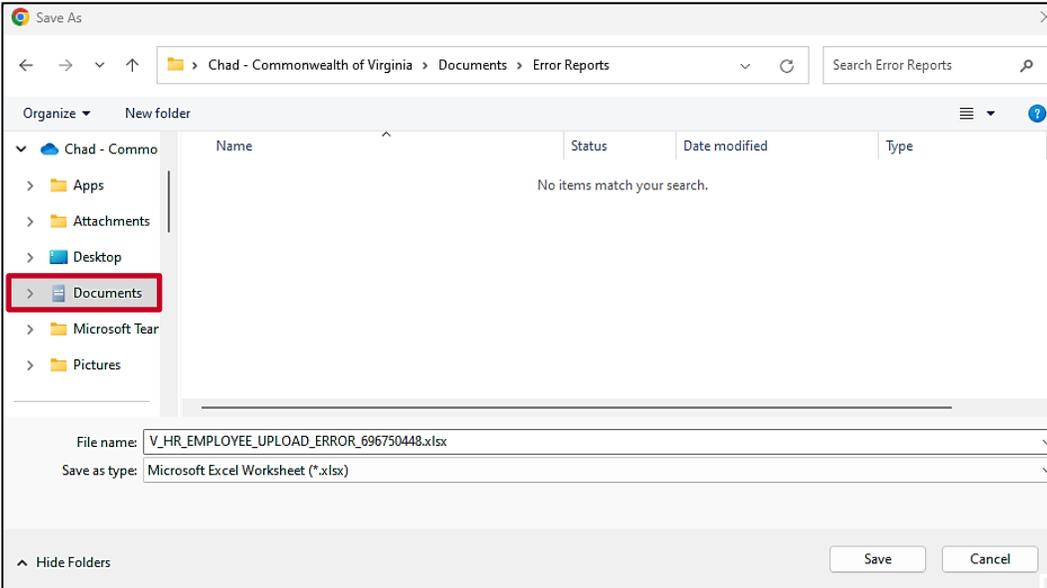
Step	Action																											
	<p>If you do not see a Run Status of “Success” and a Distribution Status of “Posted”, click on the Refresh button.</p> <div data-bbox="292 409 516 598" style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Refresh</p> <p style="text-align: center;">Clear</p> <p style="text-align: center;">Reset</p> </div>																											
14.	<p>Click the View Log/Trace link.</p> <div data-bbox="292 682 1039 850" style="border: 1px solid black; padding: 5px;"> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Date/Time</th> <th style="text-align: left;">Actions</th> </tr> </thead> <tbody> <tr> <td>Request Created On 02/10/2025 11:07:28AM EST</td> <td>Parameters Transfer</td> </tr> <tr> <td>Run Anytime After 02/10/2025 11:07:25AM EST</td> <td>Message Log</td> </tr> <tr> <td>Began Process At 02/10/2025 11:07:32AM EST</td> <td>Batch Timings</td> </tr> <tr> <td>Ended Process At 02/10/2025 11:07:33AM EST</td> <td>View Log/Trace</td> </tr> </tbody> </table> </div>	Date/Time	Actions	Request Created On 02/10/2025 11:07:28AM EST	Parameters Transfer	Run Anytime After 02/10/2025 11:07:25AM EST	Message Log	Began Process At 02/10/2025 11:07:32AM EST	Batch Timings	Ended Process At 02/10/2025 11:07:33AM EST	View Log/Trace																	
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<p>The View Log/Trace page displays in a pop-up window.</p> <div data-bbox="397 934 1242 1606" style="border: 1px solid black; padding: 5px;"> <div style="text-align: right; border-bottom: 1px solid gray; padding-bottom: 5px;"> View Log/Trace x </div> <div style="text-align: right; padding-right: 5px;"> Help </div> <p>Report</p> <table border="0" style="width: 100%;"> <tr> <td>Report ID 2804780</td> <td>Process Instance 3418953</td> <td>Message Log</td> </tr> <tr> <td>Name VHRR005</td> <td>Process Type SQR Report</td> <td></td> </tr> <tr> <td>Run Status Success</td> <td></td> <td></td> </tr> </table> <p>Employee Data Upload Error Rpt</p> <p>Distribution Details</p> <table border="0" style="width: 100%;"> <tr> <td>Distribution Node hrtn</td> <td>Expiration Date 03/12/2025</td> </tr> </table> <p>File List</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">File Size (bytes)</th> <th style="text-align: left;">Datetime Created</th> </tr> </thead> <tbody> <tr> <td>15100_HR005_021020251107Profile.pdf</td> <td>32,229</td> <td>02/10/2025 11:07:33.131209AM EST</td> </tr> <tr> <td>SQR_VHRR005_3418953.log</td> <td>2,145</td> <td>02/10/2025 11:07:33.131209AM EST</td> </tr> <tr> <td>vhrr005_3418953.out</td> <td>318</td> <td>02/10/2025 11:07:33.131209AM EST</td> </tr> </tbody> </table> <p>Distribute To</p> <table border="0" style="width: 100%;"> <tr> <td>Distribution ID Type</td> <td>•Distribution ID</td> </tr> <tr> <td>User</td> <td>V_TRN_HR35101</td> </tr> </table> <p style="text-align: left;">Return</p> </div>		Report ID 2804780	Process Instance 3418953	Message Log	Name VHRR005	Process Type SQR Report		Run Status Success			Distribution Node hrtn	Expiration Date 03/12/2025	Name	File Size (bytes)	Datetime Created	15100_HR005_021020251107Profile.pdf	32,229	02/10/2025 11:07:33.131209AM EST	SQR_VHRR005_3418953.log	2,145	02/10/2025 11:07:33.131209AM EST	vhrr005_3418953.out	318	02/10/2025 11:07:33.131209AM EST	Distribution ID Type	•Distribution ID	User	V_TRN_HR35101
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Employee Upload Error Query

Option 2: The **V_HR_EMPLOYEE_UPLOAD_ERROR** Query can be generated manually by completing the following steps:

Step	Action
1.	Navigate to the Query Viewer page using the following path: NavBar > Menu > Reporting Tools > Query > Query Viewer
<p>The Query Viewer Search page displays.</p> 	
2.	Enter the Query Name "V_HR_EMPLOYEE_UPLOAD_ERROR" in the begins with field.
	
3.	Click the Search button.
	
<p>The Query View Search Results page displays (V_HR_EMPLOYEE_UPLOAD_ERROR query).</p> 	

Step	Action
4.	<p>Select the desired format of the output.</p> <p>Note: “Run to HTML” will provide the options to download to Excel or a CSV format.</p> 
5.	<p>Enter or select the Business Unit of the submitting Agency.</p> <p>Note: Only Enter the Company (Blank for All) if multiple agencies are submitted in one file and only that one company/agency is desired in the results</p> 
6.	<p>Enter the Date From and Date To for the dates the files were processed in Cardinal.</p> 
7.	<p>Click the View Results to run the query.</p> 

Step	Action
8.	<p>If running to Excel, a popup window will be displayed to determine where the file will be generated and the name of the file. The file will be available in the folder and name requested. Navigate to that folder and open the file for review.</p> 

Employee Data Upload – Common File Errors

Error	Explanation
Agency XXXXX filename sent has already been processed by Cardinal.	Reject file when File Name has already been processed based on the interface file tracker record already knowing the filename.
The control record file name <FILENAME1> does not match the Agency file name <FILENAME2>.	Reject file when File Name in Header record (Record Type 000) does not match File Name being processed.
BU <XXXXX> in the control record is not a submitting BU.	The business unit specified in the control record is not a valid interfacing business unit.
Agency XXXXX Upload file received with no control record.	The control record is missing from the file.
The total number of rows <X> in the file does not match the row count <Y> given in trailer row.	The actual number of rows in the file does not match the ROW_COUNT given in the Trailer record (Record Type 999).
The total transaction <X> in the file does not match transaction count <Y> given in the trailer row.	The actual number of detail rows in the file doesn't match the V_COUNT1 given in the Trailer record (Record Type 999).
Agency XXXXX Upload file is blank.	The upload file does not contain any records for Cardinal to process.

Employee Data Upload – Common Transaction Errors

Error	Explanation/Resolution Steps
Invalid Action Reason Code, Transaction was Rejected.	The action/action-reason combination sent for the employee was invalid. Refer to the HR351_Action Reason Codes job aid for valid combinations.
Data is missing in <FIELDNAME> which is required field. Transaction was rejected.	A required field was missing from the transaction. Refer to the HR003 File Layout for required fields.
Invalid Paygroup on file.	The value specified for Paygroup is not a valid value.
A Personal email is required field for Employee Provided Email for employee.	If V_EMAIL_OPTION=P, then EMAIL_ADDR2 (Personal email) is required.
A Business email is required field for Agency Provided Email for employee.	If V_EMAIL_OPTION=A, then EMAIL_ADDR (Business email) is required.
Position Number on file is not in Cardinal. Transaction was rejected.	The position number specified for the employee in the transaction does not exist in Cardinal. The employee's job record contains what position they are assigned in Cardinal.
Compensation Rate Changes are not allowed for the Action you have chosen.	Compensation rate changes are only allowed for certain action/reason combinations, such as HIR, REH, PAY, and certain XFR actions. If the compensation in the file is different than the compensation in Cardinal, HR003 will read it as an update.
EMPLID/SSN does not match. Only DHRM can change SSN. Transaction Rejected.	The EMPLID/SSN combination in HR003 should match what is in Cardinal. The combination can be found on the Modify a Person page.
Unable to process new hire due to missing required fields. Transaction was rejected.	There are required fields for new hires, whether they are completed via the interface or online. Refer to the HR003 File Layout for a new hire's required fields.
Employee does not have a Job record in Cardinal for the Position Number in the file. Transaction was rejected.	The employee and the specified position number exist in Cardinal, but the employee is linked to a different position number than the one specified in the file. Refer to the employee's job record to determine which position they are occupying.
Invalid date format.	Dates should be formatted MM/DD/YYYY.
EFFDT in file is lesser than Max EFFDT of EMPLID in Cardinal. Transaction Rejected.	The effective date of the transaction cannot be less than the top row of the employee's record. Adjust the effective date of either the transaction or the employee record.
National ID <SSN> is already used for employee <EMPLID>.	The social security number specified in the transaction is already in use for another employee.



Human Resources Job Aid

HR351_ Interface Administration

This email address already exists in the system. Please enter a different one.	The email address specified in the transaction is already in use for another employee.
Multiple Ethnic Groups with the same values on file. Transaction Rejected.	There are three ETHNIC_GROUP fields on HR003; they should only be used when an employee has multiple distinct ethnic groups and should not all be populated with the same value. This error occurs if the same value is in multiple ethnic group fields.
Incorrect Paygroup and Empl Type combination found in the interface file.	The paygroup and employee type found in the transaction are not compatible (i.e., an hourly employee with a SM1 paygroup).
Row cannot be inserted because employee is already active. Action XXX for effective date YYYY-MM-DD cannot be added. Transaction rejected.	The action specified cannot be added to an employee who is already active. Refer to the HR351_Action Reason Codes job aid to determine which actions can be used with active employees. This Job Aid is located on the Cardinal website in Job Aids under Learning .
Row could not be inserted because employee is inactive. Action XXX for effective date YYYY-MM-DD could not be added.	The action specified cannot be added to an employee who is inactive. Refer to the HR351_Action Reason Codes job aid to determine which actions can be used with inactive employees. This Job Aid is located on the Cardinal website in Job Aids under Learning .
Effective date in file is different/same from Cardinal but the values on file are same as in Cardinal: Transaction not loaded.	The data in the file is the same as already exists in Cardinal. The effective date could be the same or different.
Employee ID on file is not in Cardinal.	The Employee ID provided in the file is not in Cardinal.
Position Number not matching with the Employee. Transaction rejected.	The Employee is not currently in the position number that was specified in the file.

Position Data Upload Process

Cardinal is used for full position management, and each employee fills at least one position. Positions, whether vacant or filled, are required, and tracked in Cardinal HCM.

Positions are created before an employee is hired. Details are also changed at the position level before they are applied to the Employee Job Data Record. Positions can be inactivated, but not deleted, in Cardinal.

The Commonwealth of Virginia (COVA) is required to establish default funding for all agency departments and active positions, (filled and vacant), within the departments. Position level default funding and department level default funding are established on the Department Budget tables. Default funding distributions are used to record payroll costs when detailed ChartField distributions are not provided on the employee timesheet.

The HR006 Position Data Upload interface is used by interfacing agencies to upload new positions, update existing positions, add new position default funding distributions, and/or update existing position default funding distributions from agency HR systems into Cardinal HCM.

Position data and position default funding distribution updates provided by interfacing agencies via the interface require the same policy and data edits that are applied when individual transactions are keyed online.

Description:

The Position Data Upload is processed through the following steps:

1. The agency sends position and default funding distribution data using a Cardinal flat file template posted on the secure Cardinal servers for processing (external system files should be placed in the Cardinal FTP server folder)
2. The Interface program receives one daily inbound file for each interfacing agencies that includes hourly and/or salary position data as well as position default funding distributions, if applicable
3. The upload process first checks for file level errors. The file stops processing and writes an error message to the error table if any file lever error occurs
4. The Interface rejects all transactions with an effective date prior to the current row
5. The position default funding distributions may contain multiple rows for each position and effective date combination, but the cumulative distribution percent for all associated rows much equal 100%
6. Newly created and reactivated positions can be submitted via the interface and must exist in Cardinal HCM prior to establishing the position default funding distribution. A single upload file can include a new position and default funding for that new position. Cardinal will upload the position data first and then the position default funding data. All associated default funding distributions are rejected if a new or reactivated position does not properly load first
7. The application engine validates the transactions in the staging table to identify any data issues prior to loading the position data into Cardinal HCM. The application engine specifically validates the **Business Unit, Company, Position Number, Effective Date, Action, Action/Reason, Job Code, Department ID, Reports To, Supervisor Position, FLSA Status, STD Hours**, and

Location fields and writes an error message, rejects the file, inputs a default value, and/or issues a warning message, as applicable

8. The application engine validates the transactions to identify any data issues prior to loading the position default funding distributions into Cardinal HCM. The application engine specifically validates the **Business Unit, Position Number, Department ID, Fiscal Year, Effective Date, Fund Code, Program, Department-ChartField, and Cost Center** fields and writes an error message, rejects the file, inputs a default value, and/or issues a warning message, as applicable
9. The application engine validates the Chartfield combination and rejects invalid transactions
10. The Interface rejects transactions that do not result in a 100% distribution percentage

Position Data Upload Error Processing

There are two different rejection error levels for the Position Data Upload program.

1. **File Level Error:** A file level error will occur if the file does not meet the file layout or other file requirements (e.g., corrupted file or invalid file name). If a file level error occurs, none of the transaction data in the file is uploaded into Cardinal. The file must be corrected by the agency and re-sent to Cardinal for processing.
2. **Transaction Level Error:** A transaction level error occurs if the file is successfully processed by Cardinal (no file level errors exist), but individual transactions contain invalid values or do not meet interfacing position reporting requirements for the employee or agency (e.g., missing required fields for a transaction). If a transaction level error occurs, only the transaction(s) with errors are rejected and all other transactions in the file are uploaded to Cardinal. The errored transaction(s) should be corrected in the agency source system and re-sent to Cardinal or corrected manually in Cardinal by the HR Administrator.
 - a. **Warnings:** The Position Data Upload also contains warnings. Warnings indicate that the transaction loaded, but that additional follow-up may be needed. They can also indicate that the upload loaded a value other than what was specified in the file (e.g., the file left a field blank, and Cardinal loaded a default value). Agencies should follow up on warnings and determine if any actions are needed.

Position Data Upload Error Report

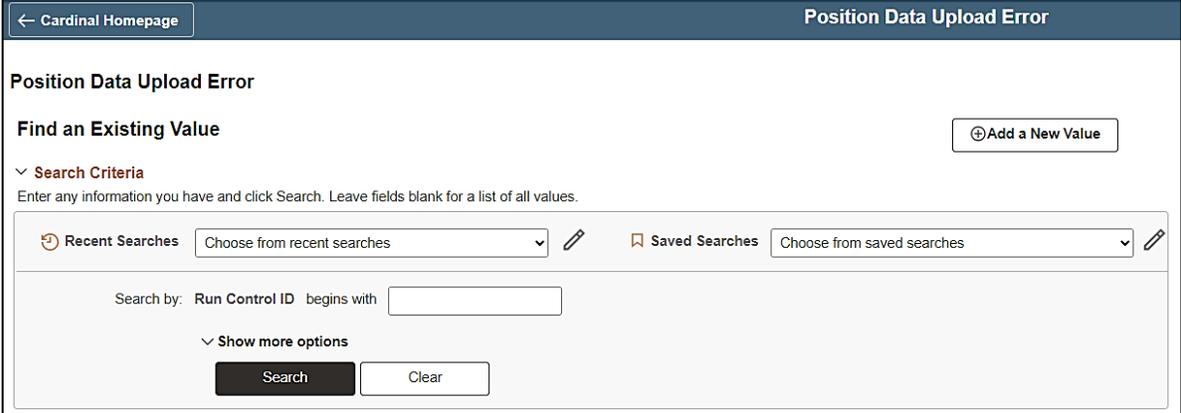
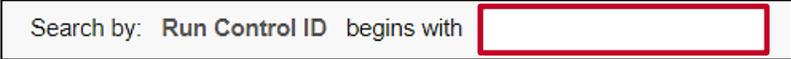
The **VHRR041 Position Data Upload Error Report** can be viewed for a file after the daily batch process has run to completion. The batch process posts the report to the Report Manager in Cardinal within the agency specific folder and to the file server for the agencies to retrieve automatically outside of Cardinal. Reports are available in the Report Manager for 30 calendar days and on the file server for seven days. The error report can be re-generated at any time by end users.

There are 2 options to generate this report manually:

Option 1: Run a standard **Position Data Upload Error Report** - the output format is automatically generated by the system in a PDF format.

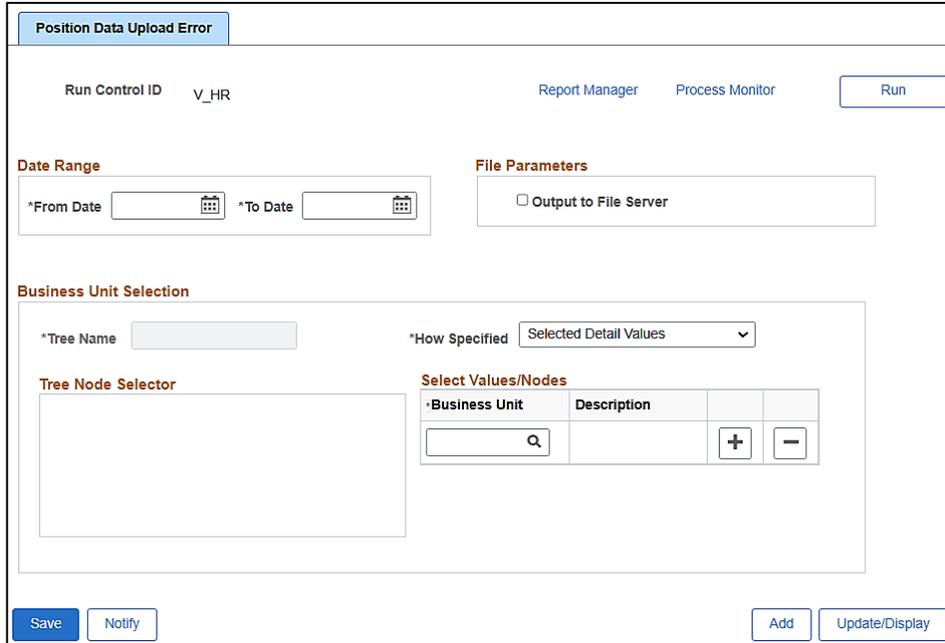
Option 2: Run the [V HR POSITION UPLOAD ERROR Query](#) - the output can be downloaded into an Excel/CSV format to enable data manipulation.

Option 1: Run a standard **Position Data Upload Error Report** - the output format is automatically generated by the system in a PDF format.

Step	Action
1.	Navigate to the Position Data Upload Error Report using the following path: NavBar > Menu > Workforce Administration > Job Information > Reports > Position Data Upload Error
<p>The Position Data Upload Error Report Find an Existing Value page displays.</p> 	
	<p>For more information pertaining to the Cardinal HCM Search pages, refer to the Job Aid titled "Overview of the Cardinal HCM Search Pages". This Job Aid is located on the Cardinal Website in Job Aids under Learning.</p>
2.	<p>Enter the Run Control ID in the Run Control ID field.</p> <p>Note: If the user has never generated this report before, click the Add a New Value button to set one up. For further information on adding a Run Control ID, see the WBT titled NAV225_Cardinal Reporting (HCM). This WBT can be found on the Cardinal website in Web-Based Training (HCM) under Learning.</p> 
3.	<p>Click the Search button.</p> 

Step	Action
------	--------

The **Position Data Upload Error Report** page displays.



Position Data Upload Error

Run Control ID: V_HR Report Manager Process Monitor

Date Range

*From Date *To Date

File Parameters

Output to File Server

Business Unit Selection

*Tree Name *How Specified: Selected Detail Values

Tree Node Selector

Select Values/Nodes

*Business Unit	Description		
<input type="text"/>	<input type="text"/>	<input type="button" value="+"/>	<input type="button" value="-"/>

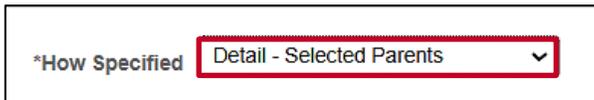
4. Enter the date range for when you want to run the report in the **Date Range** fields.



Date Range

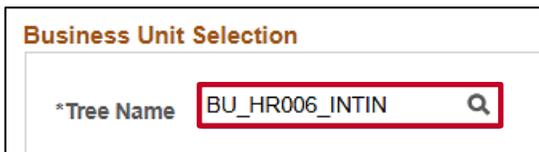
*From Date *To Date

5. In the ***How Specified** field, select “Detail – Selected Parents”.



*How Specified:

6. In the ***Tree Name** field, select “BU_HR006_INTIN”.



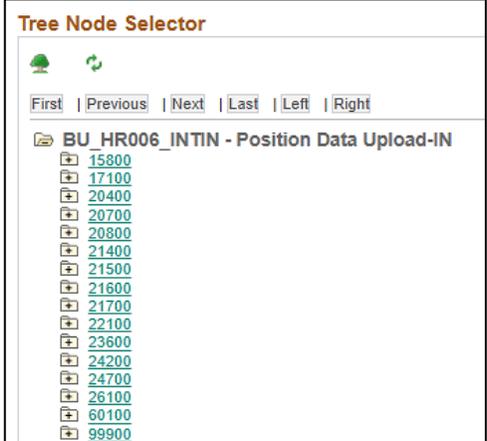
Business Unit Selection

*Tree Name

7. In the **Tree Node Selector**, click the **Tree** icon.



Tree Node Selector

Step	Action
8.	<p>Click the Folder icon to expand the folder.</p> 
	<p>The folder expands to list the business units (BU_HR006_INTIN – Position Data Upload-IN).</p> 
9.	<p>Select the submitting agency/agencies.</p> <p>Note: In this example, 60100 is selected.</p> 
	<p>The *Select Value and Description is automatically populated in the Select Values/Nodes field.</p> 
10.	<p>Click the Run button to run the report.</p> 

Step	Action
------	--------

The **Process Scheduler Request** page displays in a pop-up window.

Process Scheduler Request
×

Help

User ID Run Control ID V_HR

Server Name Run Date

Recurrence Run Time

Time Zone

Process List

Select	Description	Process Name	Process Type	Type	Format	Distribution
<input checked="" type="checkbox"/>	Position Data Uplod Err Report	VHRR041	SQR Report	Web	PDF	Distribution

11. Click the **OK** button to send the report to the Process Scheduler.

The **Position Data Upload Error** page refreshes and displays the **Process Instance** number.

Position Data Upload Error
Report Manager Process Monitor

Run Control ID V_HR Process Instance:3418958

Date Range

*From Date *To Date

File Parameters

Output to File Server

Business Unit Selection

*Tree Name *How Specified

Tree Node Selector

First | Previous | Next | Last | Left | Right

BU_HR006_INTIN - Position Data Upload-IN

- 15800
- 17100

Select Values/Nodes

Business Unit	Description	
60100	Department of Health	-

12. Click the **Process Monitor** link to view the report.

Report Manager
[Process Monitor](#)

Process Instance:3418953

The **Process List** page displays.

Step	Action
------	--------

Process List

View Process Request For

User ID Type Last 1 Days

Server Name Instance From Instance To

Run Status Distribution Status Save On Refresh [Report Manager](#)

Process List

Select	Instance	Seq.	Process Type	Process Name	User	Run Date/Time	Run Status	Distribution Status	Details	Actions
<input type="checkbox"/>	3418953		SQR Report	VHRR005	V_TRN_HR35101	02/10/2025 11:07:25AM EST	Success	Posted	Details	<input type="button" value="Actions"/>

13.

Once the report generates a **Run Status** of “Success” and a **Distribution Status** of “Posted”, click on the **Details** link.

Process List

Select	Instance	Seq.	Process Type	Process Name	User	Run Date/Time	Run Status	Distribution Status	Details	Actions
<input type="checkbox"/>	3418953		SQR Report	VHRR005	V_TRN_HR35101	02/10/2025 11:07:25AM EST	Success	Posted	Details	<input type="button" value="Actions"/>

The **Process Detail** page displays in a pop-up window.

Process Detail x

[Help](#)

Process

Instance	3418954	Type	SQR Report
Name	VHRR041	Description	Position Data Upload Err Report
Run Status	Success	Distribution Status	Posted

Run

Run Control ID	V_HR	Update Process
Location	Server	<input type="radio"/> Hold Request
Server	PSUNX1	<input type="radio"/> Queue Request
Recurrence		<input type="radio"/> Cancel Request
		<input type="radio"/> Delete Request
		<input type="radio"/> Re-send Content
		<input type="radio"/> Restart Request

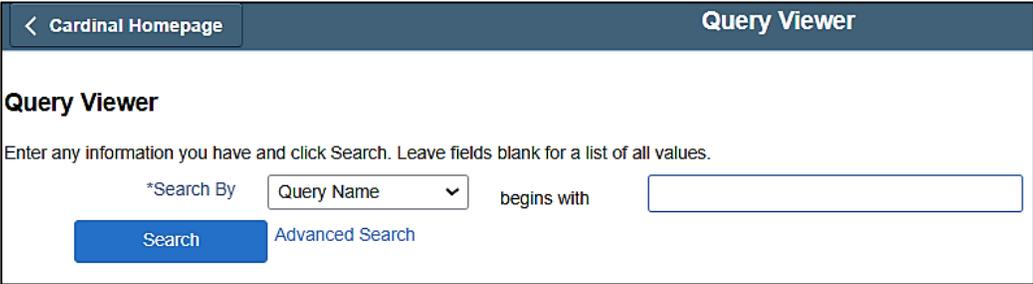
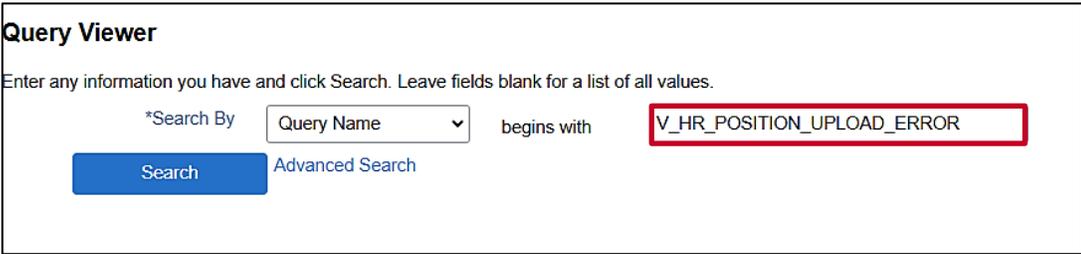
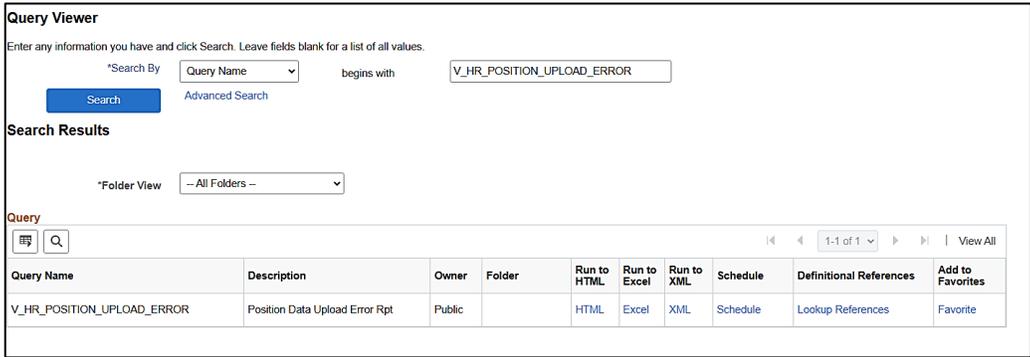
Date/Time

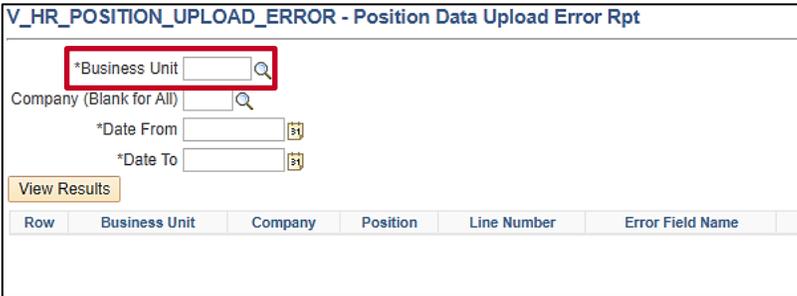
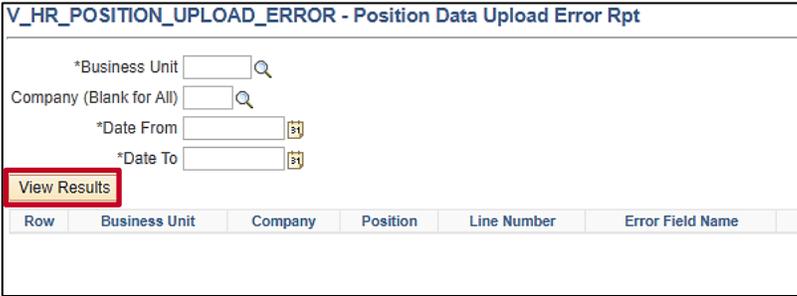
Request Created On	02/10/2025 1:57:12PM EST	Parameters	Transfer
Run Anytime After	02/10/2025 1:53:45PM EST	Message Log	
Began Process At	02/10/2025 1:57:17PM EST	Batch Timings	
Ended Process At	02/10/2025 1:57:17PM EST	View Log/Trace	

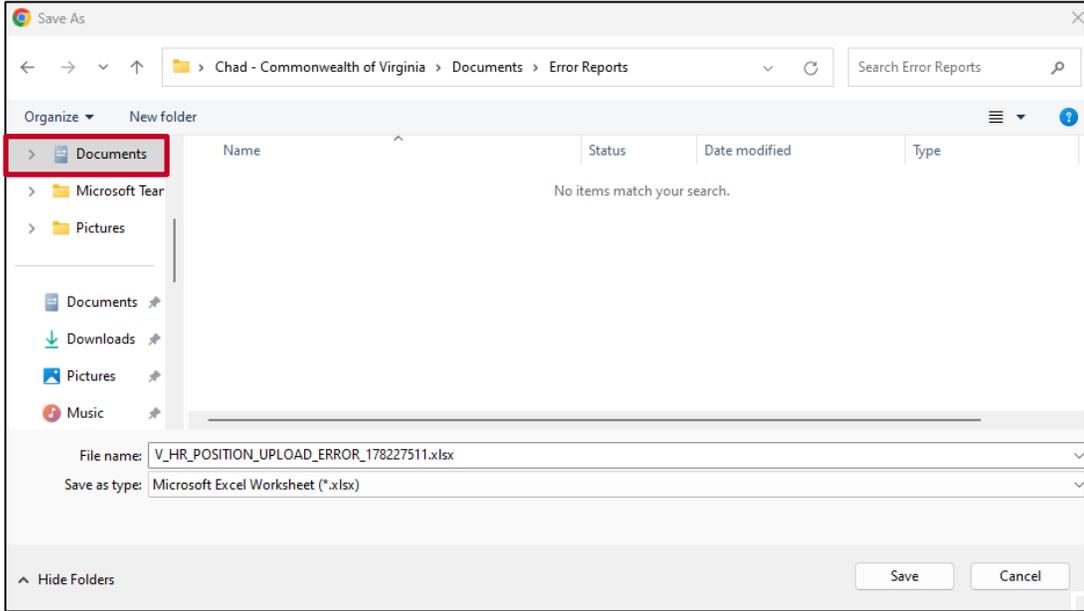
Step	Action																											
	<p>If you do not see a Run Status of “Success” and a Distribution Status of “Posted”, click on the Refresh button.</p> <div data-bbox="292 409 511 598" style="border: 1px solid black; padding: 5px;"> <div style="border: 1px solid red; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">Refresh</div> <div style="border: 1px solid blue; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">Clear</div> <div style="border: 1px solid blue; display: inline-block; padding: 2px 10px;">Reset</div> </div>																											
14.	<p>Click the View Log/Trace link.</p> <div data-bbox="292 682 1015 850" style="border: 1px solid black; padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Date/Time</th> <th style="text-align: left;">Actions</th> </tr> </thead> <tbody> <tr> <td>Request Created On 02/10/2025 11:07:28AM EST</td> <td>Parameters Transfer</td> </tr> <tr> <td>Run Anytime After 02/10/2025 11:07:25AM EST</td> <td>Message Log</td> </tr> <tr> <td>Began Process At 02/10/2025 11:07:32AM EST</td> <td>Batch Timings</td> </tr> <tr> <td>Ended Process At 02/10/2025 11:07:33AM EST</td> <td><div style="border: 1px solid red; display: inline-block; padding: 2px 5px;">View Log/Trace</div></td> </tr> </tbody> </table> </div>	Date/Time	Actions	Request Created On 02/10/2025 11:07:28AM EST	Parameters Transfer	Run Anytime After 02/10/2025 11:07:25AM EST	Message Log	Began Process At 02/10/2025 11:07:32AM EST	Batch Timings	Ended Process At 02/10/2025 11:07:33AM EST	<div style="border: 1px solid red; display: inline-block; padding: 2px 5px;">View Log/Trace</div>																	
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<p>The View Log/Trace page displays in a pop-up window.</p>																												
<div data-bbox="402 928 1234 1654" style="border: 1px solid black; padding: 10px;"> <div style="text-align: right; border-bottom: 1px solid gray; padding-bottom: 5px;">View Log/Trace x</div> <div style="text-align: right; padding-right: 10px;">Help</div> <p>Report</p> <table style="width: 100%;"> <tr> <td>Report ID 2604781</td> <td>Process Instance 3418954</td> <td>Message Log</td> </tr> <tr> <td>Name VHRR041</td> <td>Process Type SQR Report</td> <td></td> </tr> <tr> <td>Run Status Success</td> <td></td> <td></td> </tr> </table> <p>Position Data Upload Err Report</p> <p>Distribution Details</p> <table style="width: 100%;"> <tr> <td>Distribution Node hrtm</td> <td>Expiration Date 03/12/2025</td> </tr> </table> <p>File List</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>File Size (bytes)</th> <th>Datetime Created</th> </tr> </thead> <tbody> <tr> <td>15100_HR041_021020251357Position.pdf</td> <td>32,231</td> <td>02/10/2025 1:57:17.974302PM EST</td> </tr> <tr> <td>SQR_VHRR041_3418954.log</td> <td>2,155</td> <td>02/10/2025 1:57:17.974302PM EST</td> </tr> <tr> <td>vhrr041_3418954.out</td> <td>319</td> <td>02/10/2025 1:57:17.974302PM EST</td> </tr> </tbody> </table> <p>Distribute To</p> <table style="width: 100%;"> <tr> <td>Distribution ID Type</td> <td>Distribution ID</td> </tr> <tr> <td>User</td> <td></td> </tr> </table> <div style="text-align: right; margin-top: 10px;">Return</div> </div>		Report ID 2604781	Process Instance 3418954	Message Log	Name VHRR041	Process Type SQR Report		Run Status Success			Distribution Node hrtm	Expiration Date 03/12/2025	Name	File Size (bytes)	Datetime Created	15100_HR041_021020251357Position.pdf	32,231	02/10/2025 1:57:17.974302PM EST	SQR_VHRR041_3418954.log	2,155	02/10/2025 1:57:17.974302PM EST	vhrr041_3418954.out	319	02/10/2025 1:57:17.974302PM EST	Distribution ID Type	Distribution ID	User	
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Position Upload Error Query

Option 2: Run the **V_HR_POSITION_UPLOAD_ERROR Query** - the output can be downloaded into an Excel/CSV format to enable data manipulation.

Step	Action
1.	Navigate to the Query Viewer page using the following path: NavBar > Menu > Reporting Tools > Query > Query Viewer
<p>The Query Viewer Search page displays.</p> 	
2.	Enter the Query Name “V_HR_POSITION_UPLOAD_ERROR” in the begins with field.
	
3.	Click the Search button.
	
<p>The Query View Search Results page displays (V_HR_POSITION_UPLOAD_ERROR query).</p> 	

Step	Action
4.	<p>Select the desired format of the output.</p> <p>Note: “Run to HTML” will provide the options to download to Excel or a CSV format.</p> 
5.	<p>Enter or select the Business Unit of the submitting Agency.</p> <p>Note: Only Enter the Company (Blank for All) if multiple agencies are submitted in one file and only that one company/agency is desired in the results</p> 
6.	<p>Enter the Date From and Date To for the dates the files were processed in Cardinal</p> 
7.	<p>Click the View Results button to run the query.</p> 

Step	Action
8.	<p>If running to Excel, a popup window will be displayed to determine where the file will be generated and the name of the file. The file will be available in the folder and name requested. Navigate to that folder and open the file for review.</p> 

Position Data Upload Common File Errors

Error	Explanation
Agency XXXXX filename sent has already been processed by Cardinal.	Reject file when File Name has already been processed based on the interface file tracker record already knowing the filename.
The control record file name <FILENAME1> does not match the Agency file name <FILENAME2>.	Reject file when File Name in Header record (Record Type 000) does not match File Name being processed.
BU <XXXXX> in the control record is not a submitting BU.	The business unit specified in the control record is not a valid interfacing business unit.
Agency XXXXX Upload file received with no control record.	The control record is missing from the file.
The total number of rows <X> in the file does not match the row count <Y> given in trailer row.	The actual number of rows in the file doesn't match the ROW_COUNT given in the Trailer record (Record Type 999).
The total transaction <X> in the file does not match transaction count <Y> given in the trailer row.	The actual number of detail rows in the file doesn't match the V_COUNT1 given in the Trailer record (Record Type 999).
Agency XXXXX Upload file is blank.	The upload file does not contain any records for Cardinal to process.

Position Data Upload – Common Transaction Errors

Error	Explanation/Resolution Steps
Cannot assign Action Reason NEW to an existing position.	Existing positions cannot have an action-reason of NEW added to them. Use a different action-reason to update the position as needed.
Effective Date field is blank in the input file.	Effective date is a required field on all position data upload transactions.
Position number Effective Date in file is < existing effective date in Cardinal; transaction was not loaded.	The effective date of the transaction cannot be less than the top row of the position's record. Adjust the effective date of the transaction or the effective sequence of the transaction.
Only <FIELDNAME> was changed and it is invalid therefore transaction is rejected.	The transaction contained an update to only one field and the proposed update was invalid. Review configuration guides to determine next steps.
Duplicate POSITION_NBR-EFFDT-EFFSEQ combination in the file: Rejected the transactions.	If there are multiple transactions for one position number in the file, they must have either a different effective date or a different effective sequence.
Error	Explanation/Resolution Steps
The Position to Update Does Not Exist on Position Data.	The position specified in the file does not exist in Cardinal.
The transaction rejected because Fiscal Year does not exist or was invalid in Finances Calendar Accounting Period table.	The fiscal year specified in the file either does not exist or is an invalid value.
The transaction rejected because the combination of POSITION_NBR, BUSINESS_UNIT and DEPTID provided for the position default funding distribution is invalid.	The DEPTID specified in the file is not valid for that position number and/or business unit.
Invalid Chartfield Combination code.	The Chartfield combination was invalid, even if the individual field values are valid.
Duplicate Chartfields combination found for SETID, DEPTID, FISCAL_YEAR, POSITION_NBR and EFFDT; Transaction Rejected.	The same Chartfield combination was specified in the file for multiple funding rows on the same position.
The transaction rejected because Distribution Percentage is not equal to 100.00.	The distribution percentage of multiple funding rows must add up to 100.
Position # already exists in Cardinal, but effective date in file is different from Cardinal and values on file same from	The same information was sent that is already in Cardinal but contains a different effective date.



values in Cardinal: Rejected the transaction.	
Position Department Budget already exist on Cardinal. Transaction Rejected.	The same Chartfield combination information is already in Cardinal.
Invalid Jobcode / SOC CD combination.	The combination of role/Jobcode and SOC code is not a valid combination per the HR351_Overview of US SOC and Job Code Combinations Job Aid located on the Cardinal website in Job Aids under Learning .
Position entered is not eligible for budget definition.	The Budgeted Position is set to "No", but Chartfield information was sent on the file.