



## ACH Posting Totals Inquiry

ACHTotals.Menu.dnax  
30B3BEBC-4E11-49A6-BCC6-E1B092B60AFB

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**Overview:**

The goal of this DNAapp is to display ACH-related data for credit count, total credits, debit count and total debits by post date so that manual calculations for ACH postings are eliminated.

**Key Benefits:**

- Eliminates manual calculations for ACH postings
- Results can be exported to a csv file

**Processing:**

In the “**Input Parameters**” frame, the user will either choose to input the Start Date and/or Thru Date or leave them blank. If there’s no Start Date selected, the application will use today’s date as Start Date. If there’s no thru date selected, the application will display all available ACH post dates from the FileWareHouse table, beginning from the Start Date. The Thru Date must be greater than or equal to the Start Date.

The **Query** button displays the information on the screen. Results are filtered on RxtnTypCd selected via variable ACHrtxnTypCd.

The exportation of the data is done by clicking on the **Export** button.

**Authorization:**

To grant a user access to this application, the authorization item ACH Posting Totals Auth Item (R04B) needs to be assigned to an authorization group, such as tellers (TELL), to which the user has at least View and Inquiry access privileges.

The following table lists the AuthItem that is used in the application:

| Name                         | Code | Type     | Description (how used)                        |
|------------------------------|------|----------|---|
| ACH Posting Totals Auth Item | R04B | AuthItem | Authorization item for screen and GUI access. |

**Parameters:**

N/A.

**Variables:**

In order to create these variables in the DNA database, the “ConfigSetup.sql” script must run by the administrator prior to the first run of the application. Only the value of the variables 9R2C to 9R2G can be customized by the financial institution.

Calculation Categories:

A calculation category is required to associate the variables to the application. The following calculation category is used for that purpose.

| Calculation Cat Code | Description     |
|----------------------|-----------------|
| 9RFC                 | Custom Category |

Calculation Types:

A calculation type is required to associate the variables to the application. The following calculation variable is used for that purpose.

| Calculation Cat Code | Calculation Type Code | Description (how used) | MjMiYN |
|----------------------|-----------------------|------------------------|--------|
| 9RFC                 | 9R04                  | ACH Posting Totals     | N      |

Calculation Variables:

The following calculation variables are required for the application. They are populated within the '9R04' calculation type.

| Variable        | Code | Description (how used)   | Data Type | Default (example)                  |
|-----------------|------|--|-----------|------------------------------------|
| ACHrtxnTypCd    | 9R2C | Transaction Type Code for ACH use, all upper case separated by commas and no spaces        | STR       | XPMT,XDEP,BDEP,IDEP,XWTH,ECHK,IWTH |
| CreditRtxnTypCd | 9R2D | Transaction Type Code for ACH credit use, all upper case separated by commas and no spaces | STR       | XPMT,XDEP,BDEP,IDEP                |
| DebitRtxnTypCd  | 9R2E | Transaction Type Code for ACH debit use, all upper case separated by commas and no spaces  | STR       | XWTH,ECHK,IWTH                     |
| ExportFileName  | 9R2F | Default file name used for the exportation.  | STR       | ACHTotals.csv                      |
| ExportSeparator | 9R2G | Separator used between the fields in the exportation file.                                 | STR       | ,                                  |

**Scheduling and re-run information (for batch applications):**

N/A

**Notices:**

N/A

**Report (s):**

N/A

**File Layout(s):****Output File Layout – Comma Separated**

| Field        | Format     | Description   |
|--------------|------------|---|
| PostDate     | DD/MM/YYYY | ACH post date                                       |
| CreditCount  | 999999     | Number of credits during a specific post date       |
| TotalCredits | 9999999V99 | Total amount of credits during a specific post date |
| DebitCount   | 999999     | Number of debits during a specific post date        |
| TotalDebits  | 9999999V99 | Total amount of debits during a specific post date  |

The first row in the file contains the field list names.

**Screens:**

See “Screen Appearance” section.

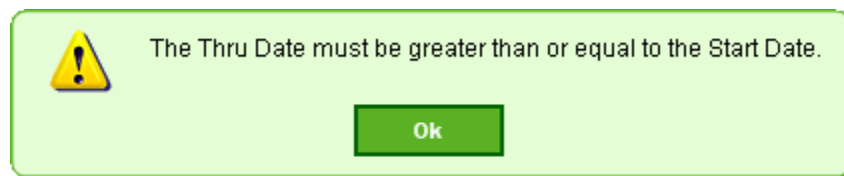
**Navigation:**

- Services (left panel) → Batch (module) → Load and Manage Files (menu) → List Database Files → ACH Posting Totals (tab)
- Services (left panel) → Services (module) → Inquiries (menu) → ACH Posting Totals

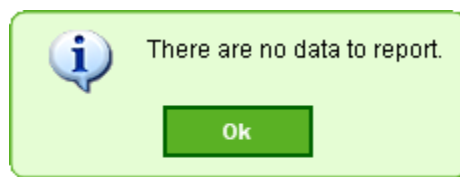
### Screen Appearance

| Post Date  | Credit Count | Total Credits  | Debit Count | Total Debits   |
|------------|--------------|----------------|-------------|----------------|
| 05-12-2011 | 1075         | \$1,274,024.31 | 0           | \$1,274,024.31 |
| 05-13-2011 | 0            | \$0.00         | 0           | \$0.00         |
| 05-16-2011 | 0            | \$0.00         | 0           | \$0.00         |

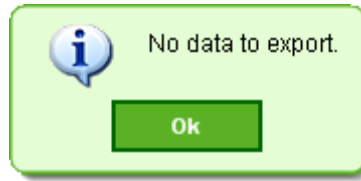
Main Form



Warning message displayed when the thru date is less than the start date.



Information displayed when there is no data for the selected period.



Information displayed when the user clicks on the “Export” button and the results grid is empty.

**Field Listing:**

| Field                   | Description   |
|-------------------------|---|
| <b>Input Parameters</b> |   |
| Start Date              | Beginning date for the ACH post date                |
| Thru Date               | Ending date for the ACH post date                   |
| <b>ACH Totals</b>       |   |
| Post Date               | ACH post date                                       |
| Credit Count            | Number of credits during a specific post date       |
| Total Credits           | Total amount of credits during a specific post date |
| Debit Count             | Number of debits during a specific post date        |
| Total Debits            | Total amount of debits during a specific post date  |
| Export Button           | Button for exporting the grid view data.            |

**Additional Requirements:**

- Fiserv DNA 4.2.2 or higher
- .NET Framework 4.5.2

**Configuration Checklist:**

| Item      | Test Environment | Production Environment |
|-----------|------------------|------------------------|
| Variables |                  |                        |

**Revisions:**

| Date    | App Version # | Change   |
|---------|---------------|--|
| 09/2016 | 1.2.0.2       | Issues fixed after second validation                         |
| 08/2016 | 1.2.0.1       | Issues fixed after first validation                          |
| 07/2016 | 1.2.0.0       | Compiled in DNA SDK 4.2.2 and .Net Framework 4.5.2           |
| 03/2012 | 1.1.0.0       | Exportation feature added.                                   |
| 07/2011 | 1.0.2.0       | Document/Technical issues fixed after the second validation. |
| 06/2011 | 1.0.1.0       | Technical issues fixed after the first validation.           |
| 05/2011 | 1.0.0.0       | Application Created.   |