

# **Data Warehouse Tool Rights**

Data Warehouse consists of two tools (Data Options and Refresh Settings) that allow management of standard data warehouse functionality.

The data warehouse is a read-only database that allows optimized access to data for reporting and analysis purposes. The data warehouse periodically flattens views from the live, production database and stores them as part of a backup that can be accessed by reporting tools.

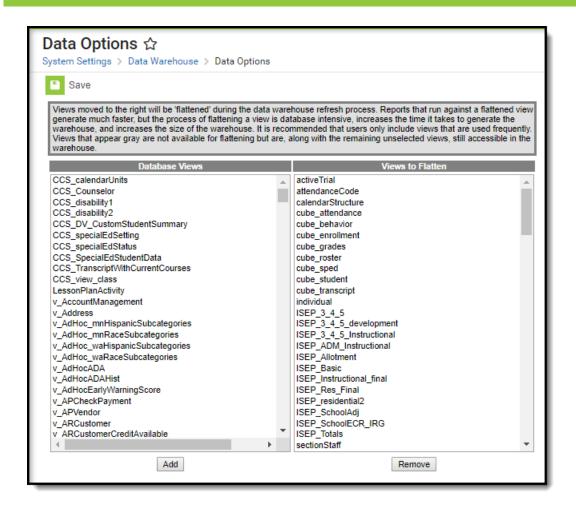
Use of the data warehouse allows a district/state to materialize views into tables, simplify joins, and improve overall reporting and database performance. Views can be added or excluded through use of the Data Options tool.

See the <u>Data Warehouse</u> articles to learn more about Data Warehouse tools and how they are used.

### **Data Options**

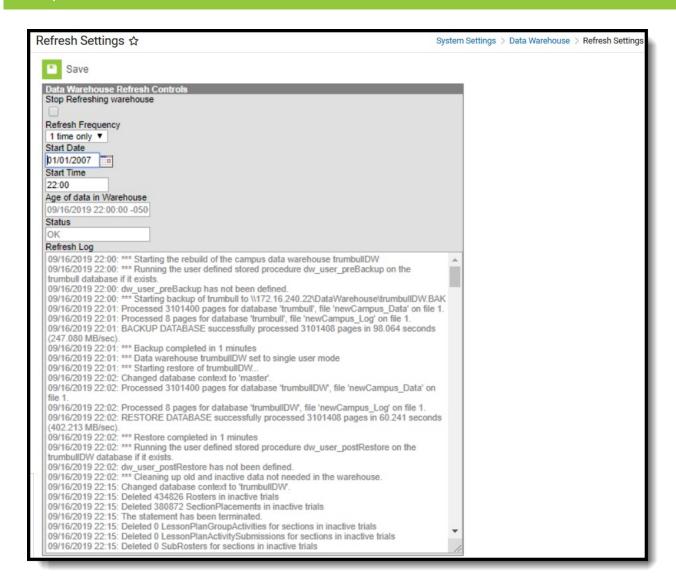
The Data Options tool allows a system administrator the ability to manually add/remove specific database views from being "flattened" by the data warehouse optimization process.





## **Refresh Settings**





Initial Data Warehouse configuration is performed by Infinite Campus Hosting, after which a district/state system administrator can modify the details of the views included in the backup process (<u>Data Options</u>) and for setting the refresh schedule for data warehouse backups (Refresh Settings).

#### **Available Tool Rights**

Assigning the proper tool rights to users is imperative in keeping information safe and confidential. A limited number of users should have access to the data warehouse and related reporting tools.

Users need RWAD access in order to have full access to Data Warehouse functionality. A Campus system administrator will automatically have access to the data warehouse and reporting options if the **All Tools** checkbox is flagged on his/her <u>User</u> account.



### **Data Warehouse Settings Tool Rights**

For full access to the data warehouse tool, a user will need full rights (**RWAD**) to the System Administration > Data Utilities > **Data Warehouse Settings** tool right. Granting full rights to this tool right will also grant full rights to the <u>Refresh Settings</u> and <u>Data Options</u> sub-rights/tools).

- **Refresh Settings sub-right**: This controls access to the <u>Refresh Settings</u> tool which allows scheduling and configuration of the data warehouse backup process.
- **Data Options sub-right:** This controls access to the <u>Data Options</u> tool which allows a user to add/remove the individual database views included in the data warehouse backup.

#### **Task Scheduler Tool Rights**

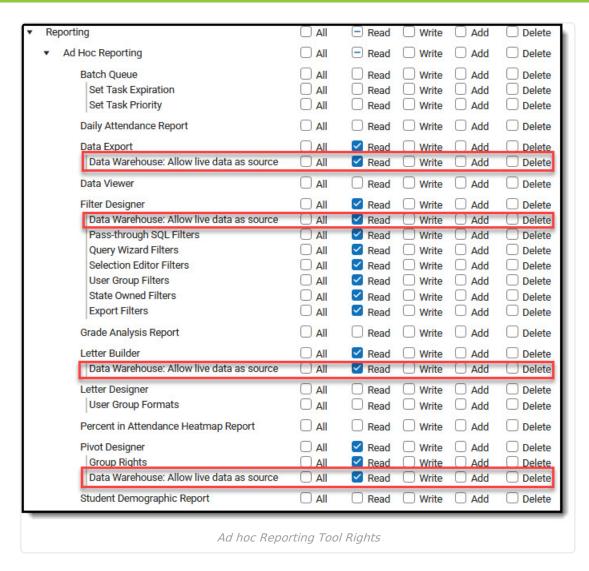
The user will see that a data warehouse task exists as a scheduled task in the <u>Task Scheduler</u> if he/she has **RWAD** rights to the System Administration > Preferences > **Task Scheduler** tool right.

The data warehouse cannot be configured or scheduled within the <u>Task Scheduler</u>, despite tool rights to this area.

#### **Ad hoc Reporting Tool Rights**

When the data warehouse is enabled on a site, it becomes the default data source for all ad hoc reporting, unless a user otherwise selects the "Live" option of the **Data Source** field of a reporting tool. The user will need **R** rights to the **Data Warehouse: Allow Live Data As Source** sub-right for each reporting tool in which he/she should have the ability to select the "Live" database option from the **Data Source** field.





This sub-right is not applicable to the Letter Designer tool.

### **Suggested User Groups**

Typically, users of these tools have already been assigned one or more Product Security Roles that grant administrative-level access; therefore, a user group assignment is not necessary.

If your district's needs are different, you may choose to create a group that meets those needs.