DEPARTMENT OF VETERANS AFFAIRS

Burial Operations Support System
Gravesite Assessment Reporting (GAR)

User Guide
V2.5
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OFFICE OF ENTERPRISE DEVELOPMENT
MEMORIAL PRODUCTS DIVISION

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1. Introduction

Welcome to the User Guide for the BOSS - Gravesite Assessment Reporting (GAR) of the National Cemetery Administration.

The Gravesite Assessment Reporting (GAR) application delivers the semi-annual and fiscal year Gravesite Assessment reports. The reports collect information about the cleanliness, height and alignment of headstones/markers National Cemeteries. The Assessment is based on a random sampling of gravesites inspected by cemetery staff in April and October each year.

1.1. Using this Guide

1.1.1. Usage-Based Organization

This Guide is organized around product features, beginning with start-up and following a typical usage path from basic to advance. You may use it in the following ways:

- Read straight through in sequence for a step-by-step orientation to product features.
- Use the table of contents to select the specific feature on which you want instruction.

1.1.2. Text Features: Notes, Tips, Caution

The following indicators appear throughout the Guide for extra information:



NOTE: Provides a special detail to help you use the product most effectively. May forecast a challenge and offer a reminder, alternate path, or usage hint.



CAUTION: Provides information that could prevent you performing a potentially harmful act with the product.

1.1.3. Conventions Used in This Guide

Throughout this Guide, you will find a variety of elements designed to help you work more efficiently with GAR. They include the many conventions listed below:

- **Keyboard Responses:** Keys provided in **<boldface>**, help you identify what to press on your keyboard to perform an action. For example, when you see **<ENTER>**, press this key on your keyboard.

- **Mouse Responses:** Buttons provided in **boldface**, within the steps, indicate you should select your computer screen using the mouse. For example, when you see **NEXT**, **YES/NO**, or **OK**, click or select the appropriate button on your computer screen.

- **User Responses:** Information presented in **boldface**, within the steps, indicates you should “type” (enter) onto your computer screen. For example, At the “**Cemetery Name**” field, type **FLORIDA%** and then press **<ENTER>**.

- **Form Field text:** Field/Column text from within the Form is presented in “**boldface**” within quotes. For example, Type a search criteria within the “**Assessment Comment**” field.

- **Screen Captures:** Provided throughout this Guide to show you examples of what you will see on you computer screen after performing a step or action.

- **Menu Options:** When provided in ***boldface italics***, identifies a menu option. For example, At the ***GAR*** main menu, select the ***Assessment Reporting Period***.

2. Overview

This Guide provides step-by-step instructions for Level I, Level II and Level III users. The following GAR features and functions are described in detail later in this document:

Level I Users (Business Process Improvement Service)

- Create/Edit/Query assessment period records
- Receive "Gravesite Assessment sample data is ready for review and submission" email.
- Edit/Accept cemetery sample size
- Receive "Gravesite Assessment Reporting Period Open!" email
- Create/Edit/Delete/Query standardized list of comments
- Update/Query/Print cemetery assessment status and results
- Print assessment reports (Semi-annual, Fiscal Year, MSN, and Cemetery)

Level II Users (MSN Officials)

- Receive "Gravesite Assessment Reporting Period Open!" email
- Query/Print cemetery assessment status and results

Level III Users (Cemetery Staff)

- Receive "Gravesite Assessment Reporting Period Open!" email
- Print cemetery assessment worksheets
- Query/Enter/Save/Submit gravesite assessments

2.1. Diagrams

2.1.1. High Level Process Flow

The diagram below describes the GAR high level process flow.

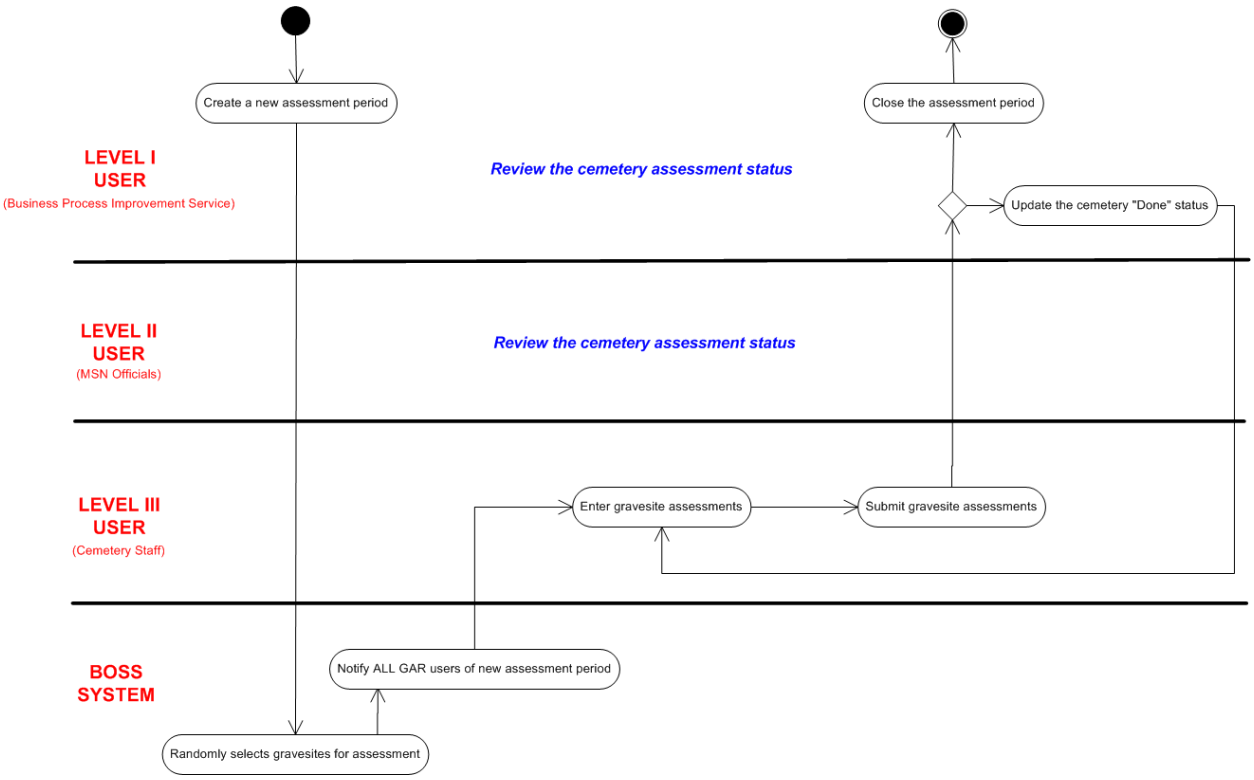


Figure 1. Diagram: GAR High Level Process Flow

2.1.2. Create a New Assessment Period

The diagram below describes the processes when creating a new assessment period.

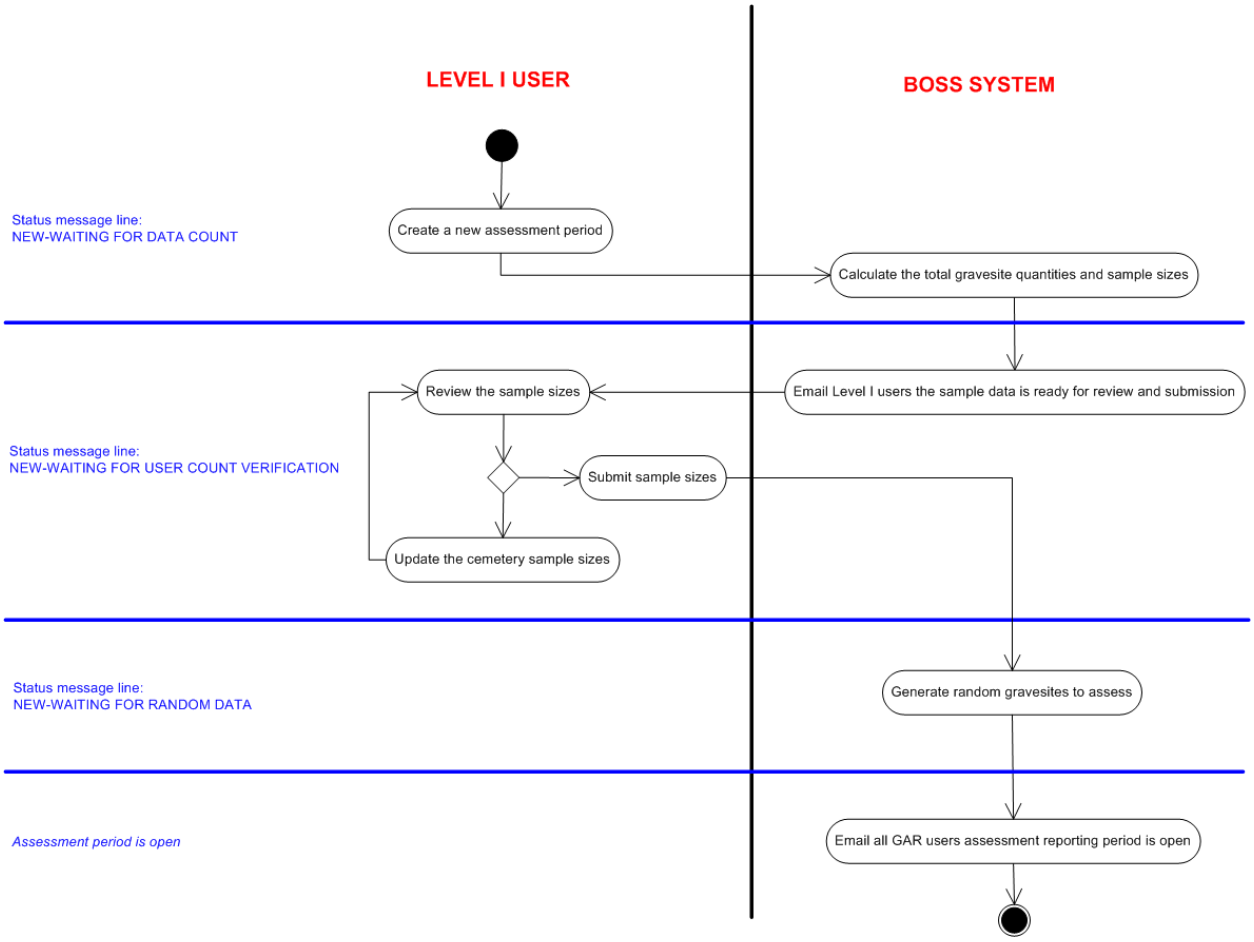


Figure 2. Diagram: Create a New Assessment Period

3. Accessing GAR

3.1. Obtaining and deleting accounts

All account requests must be submitted to the Remedy Help-Desk by a NCA Cemetery Director via Remedy Help-Desk ticket.

3.2. Changing password

Password requests must be submitted to the Remedy Help-Desk via Remedy Help-Desk ticket.

3.3. Location

The GAR application operates/functions within the Burial Operations Support System (BOSS) environment. It is accessed through the Quantico Regional Processing Center home page at http://vaww.cem.va.gov. There are two instances of GAR: Production and Training.

The Production instance is located at:
http://boss.cem.va.gov/forms/frmservlet?config=apps10g

The Training instance is located at:
http://blade10.cem.va.gov:7778/forms/frmservlet?config=apps10g

Accessing GAR consists of the following steps:

1. Launch a browser window and enter http://vaww.cem.va.gov.



NOTE: The browser will open the Quantico Regional Processing Center home page located at http://vaww.cem.va.gov.

2. From the left pane, select the ***Burial Operations Support System*** menu.
3. Select the appropriate product menu:



NOTE: There are two instances of GAR: Production and Training.

   a. For the Production instance, select ***BOSS Application*** menu.

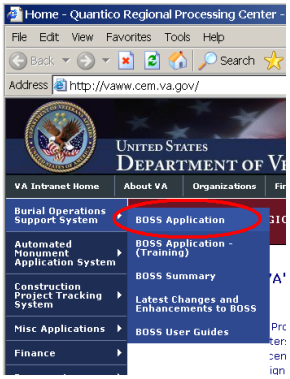


Figure 4. Production instance: *BOSS Application* menu

b. For the Training instance, select the ***BOSS Application – (Training)*** menu.

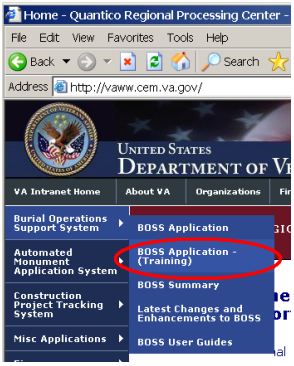


Figure 5. *BOSS Application – (Training)* menu

NOTE: Oracle JInitiator enables end users to run Oracle Developer Server applications within a browser. The GAR application uses Oracle JInitiator for authentication. If a new version is released, the messages below will be displayed. Select **Grant this session** to continue.



Figure 6. JInitiator, VeriSign, Inc. request for install



Figure 7. JInitiator, Oracle request for install

Result: The ***BOSS Application*** screen

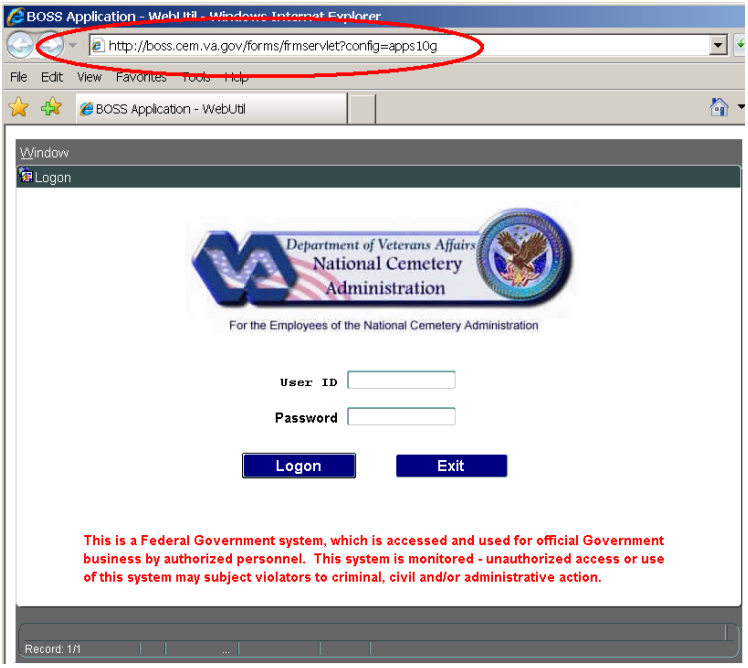


Figure 8. Production Instance: GAR Logon Screen

Result: The ***BOSS Application – (Training)*** screen

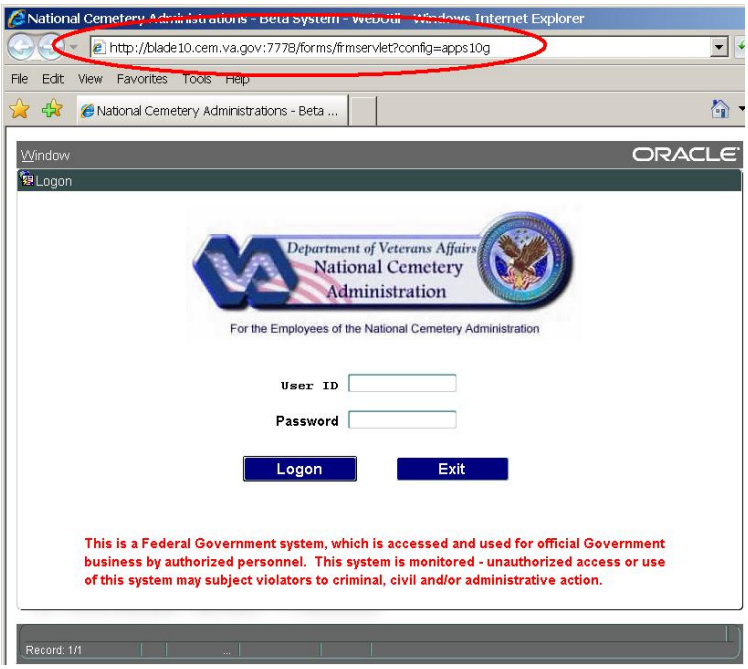


Figure 9. Training instance: GAR Logon Screen

4. Type your username into the "**User ID**" field and press the **<TAB>** key.
5. Type the password into the "**Password**" field and press the **<ENTER>** key or click **Logon**.

3.4. Setting the User Profile

GAR users are required to enter information in their User Profile.

1. For new users, the message below will be displayed after logging on. Click on **OK** to continue.

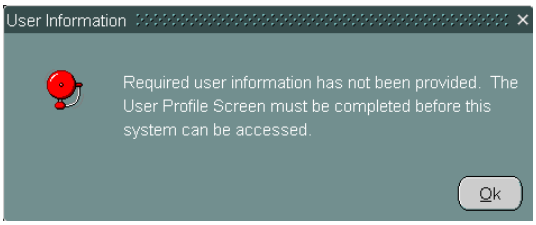


Figure 10. User Information message

For existing users, access your User Profile by selecting ***User Activity*** from the main GAR Form and selecting the ***User Profile*** menu.



Figure 11. *User Profile* menu

2. From the **USER PROFILE** Form, enter your information in the required fields: Phone, Default Printer, and Email.

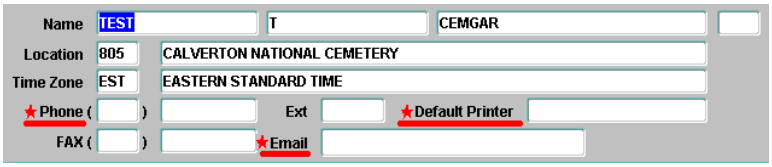


Figure 12. User Profile, required fields

NOTE: The required fields for GAR: Phone, Default Printer, and Email.

3.5. User Interface

The GAR application operates/functions within the BOSS environment. The screens below display the typical graphical user interface.

Example: ***GAR*** Main Menu

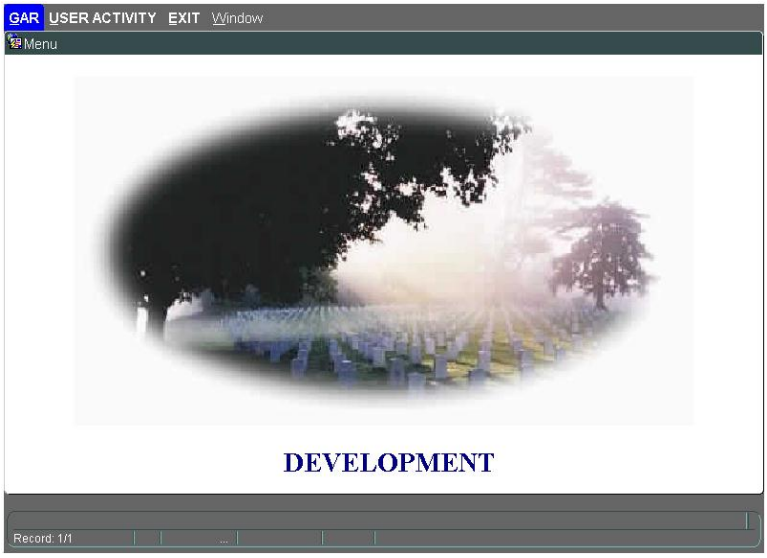


Figure 13. Example Form: *GAR* Main Menu

Example: Cemetery Assessment Status Form

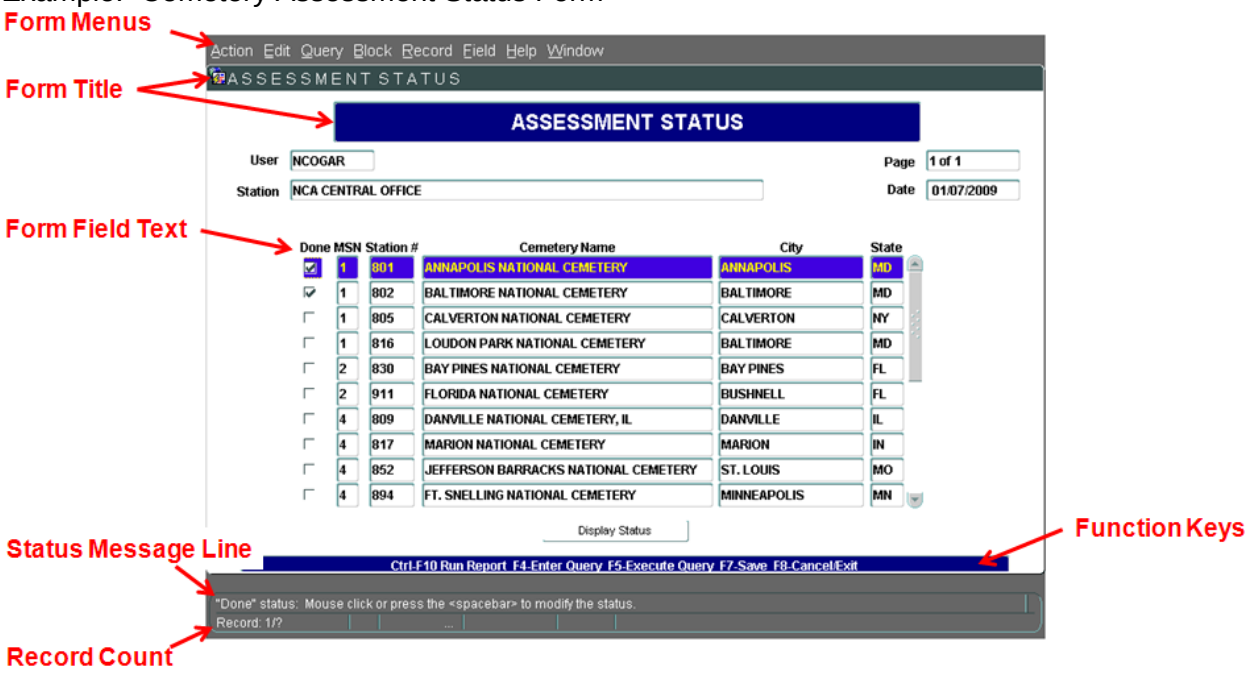


Figure 14. Example Form: Cemetery Assessment Status

3.6. Keyboard Navigation

The keyboard navigation varies based on the screen displayed. They are displayed at the bottom of the screen:



Figure 15. Keyboard navigation example

To view the keyboard function keys,

1. Select ***Help*** from the Form menu
2. Choose ***Keys*** from the list.

The following are displayed:

Function	Key
Accept	F7
Clear Block	Shift+F6
Clear Record	Shift+F7
Commit	F7
Delete Record	Ctrl+F3
Enter Query	F4
Execute Query	F5
EXIT/CANCEL	F8
Insert Record	Ctrl+F2
Left	Left
List of Values	F6
New Record	Ctrl+F2
Next Block	PageDown
Next Field	Enter
Next Field	Tab
Next Field	Return
Next Record	Down
Next Set of Records	Shift+F4
Previous Block	PageUp
Previous Field/Item	Shift+Tab
Previous Record	Up
Print	Ctrl+F10
Right	Right
Scroll Down	Ctrl+Down
Scroll Up	Ctrl+Up
Show Keys	F1

Table 1. Function Keys

4. Level I User (Business Process Improvement Service)

The Level I user consists of the Business Process Improvement Service (Program Office). This user is the manager of all Gravesite Assessments and Reports Manager (for all cemetery station numbers, MSNs, etc).

Level I users have access to the following functions:

- Create/Edit/Query assessment period records
- Receive "Gravesite Assessment sample data is ready for review and submission" email.
- Edit/Accept cemetery sample size
- Receive "Gravesite Assessment Reporting Period Open!" email
- Create/Edit/Delete/Query standardized list of comments
- Update/Query/Print cemetery assessment status and results
- Print assessment reports (Semi-annual, Fiscal Year, MSN, and Cemetery)

4.1. Main Menu

The Level I user has four main menus: ***Assessment Reporting Period***, ***Gravesite Cumulative Data***, ***Assessment Comments***, and ***Cemetery Assessment Status*.**

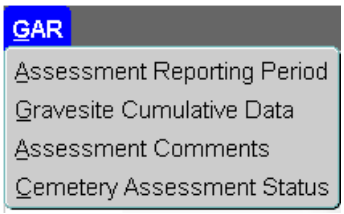


Figure 16. Level I User, GAR Main Menu

4.2. Create/Edit/Query assessment period records

The list of assessment periods are accessed through the ***Assessment Reporting Period*** menu. Within the **ASSESSMENT PERIOD** Form, the Level I user can perform the following:

1. Create/Edit/Query assessment period records.
2. Print assessment reports (Semi-annual, Fiscal Year, MSN, and Cemetery).

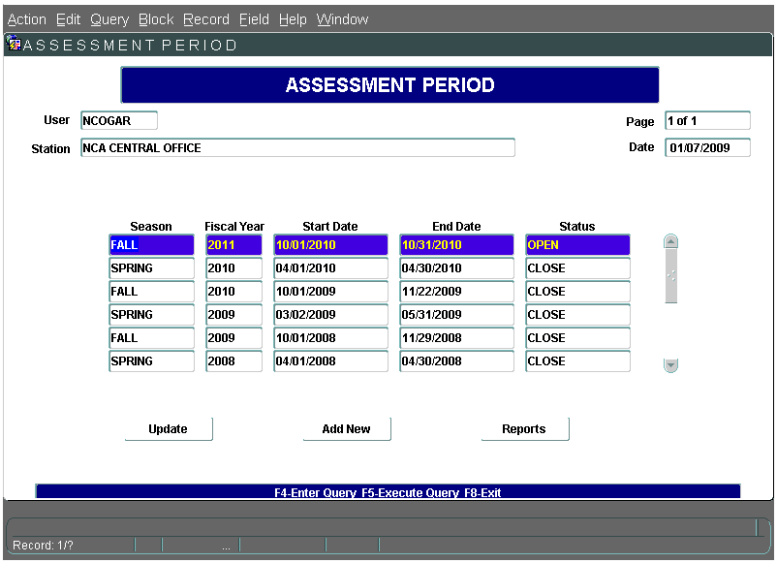


Figure 17. Level I User Form: Assessment Reporting Period Main Form

4.2.1. Create a new assessment period

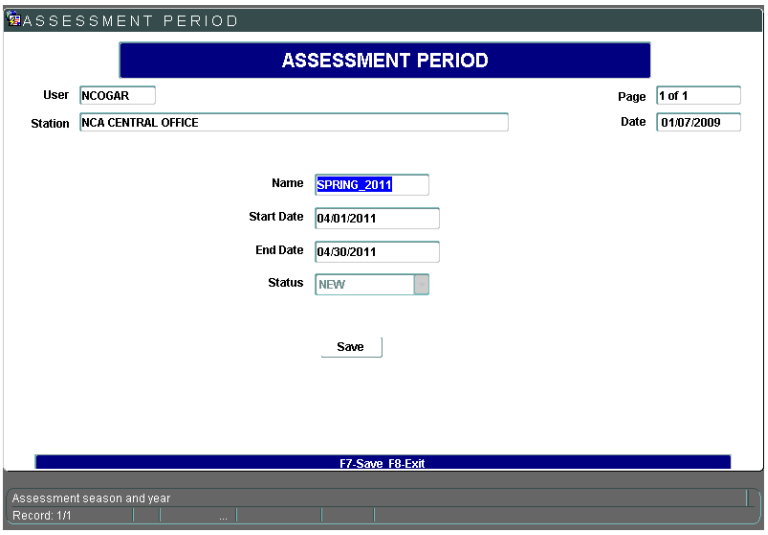


Figure 18. Level I User Form: Create a new assessment period

To create a new assessment period:

1. From the ***GAR*** Main Menu, select the ***Assessment Reporting Period***.
2. Click on the **Add New** button.

CAUTION: Creating a new assessment period notifies the BOSS environment to calculate the total gravesite quantities and generate the sample gravesite sizes.

NOTE:

- The diagram located in Section 2.1.2 Create a New Assessment Period contains detailed description of the internal processes.
- The most recent assessment period must have a CLOSE status in order to create a new assessment period.
- The "**Start Date**" and "**End Date**" are the only editable fields.
- Validation for the "**Start Date**" and "**End Date**":
  - For Spring assessment, the "**Start Date**" cannot be before 3/1 of the year.
  - For Spring assessment, the "**End Date**" cannot be after 5/31 of the year.
  - For Fall assessment, the "**Start Date**" cannot be before 9/1 of the year.
  - For Fall assessment, the "**End Date**" cannot be after 11/30 of the year.
  - When updating any assessment period (including Fall and Spring), the days between "**Start Date**" and "**End Date**" cannot be less than 30 days. For example, "**End Date**" of 4/30/08 and "**Start Date**" of 4/1/08 are valid, but "**End Date**" of 4/29/08 and "**Start Date**" of 4/1/08 have only 29 days in between and are invalid.

3. Click on the **Save** button or press **<F7-Save>**.

NOTE: The status message line displays "`FRM-40400: Transaction complete: # records applied and saved.`"

4.2.2. Edit an existing assessment period

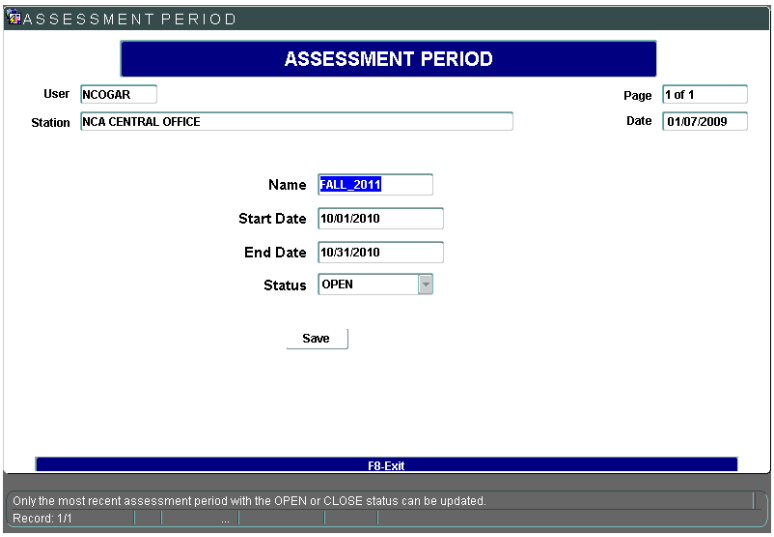


Figure 19. Level I User Form: Edit an existing assessment period

To edit an existing assessment period:

1. From the ***GAR*** Main Menu, select the ***Assessment Reporting Period***.
2. Click on the **Update** button.

NOTE:

- Only the most recent assessment period with the **OPEN** or **CLOSE** status can be updated.
- The "**Start Date**", "**End Date**" and "**Status**" are the only editable fields.
- Review the **NOTE** from section 4.2.1. Create a new assessment period for the requirements for the "**Start Date**" and "**End Date**".

3. Edit the "**Start Date**" and "**End Date**", if needed.
4. Modify the "**Status**" to **OPEN** or **CLOSE**.

NOTE:

- All assessments must be complete in order to close an assessment period. The following message will be displayed: "`There are incomplete cemetery assessments. Please review the status by selecting the "Cemetery Assessment Status" menu.`"
- When closing an assessment period, the current date is check with the set "**End Date**". The following message will be displayed: "`The Assessment Period End Date is set before today's date. Are you sure you want to close?`" Select from **Yes** or **No**.

5. Click on the **Save** button or press **<F7-Save>**.

NOTE: The status message line displays "`FRM-40400: Transaction complete: # records applied and saved.`"

4.2.3. Query for an assessment period

From the **ASSESSMENT PERIOD** Form:

1. Press **<F4-Enter Query>**.



NOTE: A blank Form is displayed. The status message line displays "`Enter a query, press F5 to continue, press F5 to execute, F8 to cancel.`"

2. Enter the search criteria within the desired fields.



NOTE: A wildcard **%** can be used. For example, **SPR%** will find "SPRING".

3. Press **<F5-Execute Query>**.



NOTE: If a search criterion is not found, the status message line displays "`FRM-40301: Query caused no records to be retrieved. Re-enter.`"

4.3. Receive "Gravesite Assessment sample data is ready for review and submission" email

When the cumulative data are ready, the Level I user will receive the "Gravesite Assessment sample data is ready for review and submission" email.

To view an example of the email, refer to Appendix A: "Gravesite Assessment sample data is ready for reivew and submission" Email.

4.4. Edit/Accept cemetery sample size

The list of cemetery sample sizes is accessed through the ***Gravesite Cumulative Data*** menu.

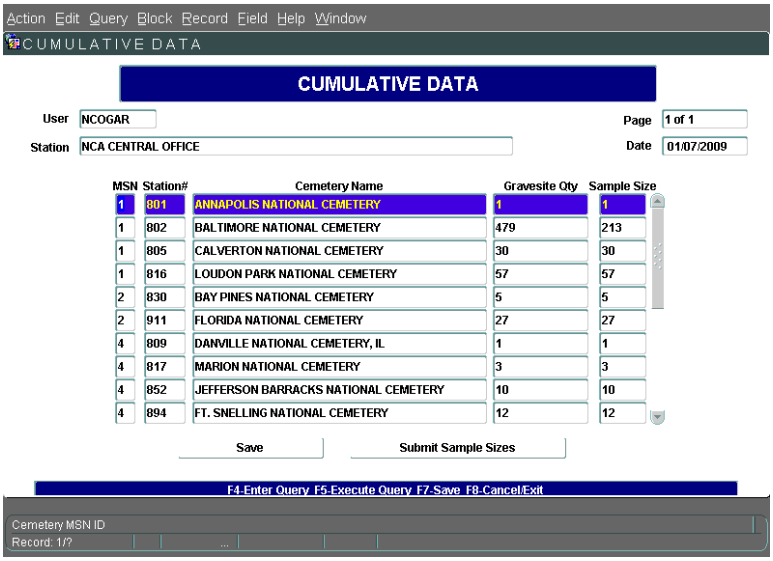


Figure 20. Level I User Form: Edit/Accept cemetery sample size

4.4.1. Edit cemetery sample sizes

Within the **CUMULATIVE DATA** Form:

1. Modify the cemetery "**Sample Size**".

NOTE:

- The "**Sample Size**" can be set to zero.
- The "**Sample Size**" can not be greater than the "**Gravesite Qty**".

2. Click on the **Save** button or press **<F7-Save>**.

NOTE: The status message line displays "`FRM-40400: Transaction complete: # records applied and saved.`"

4.4.2. Accept the cemetery sample sizes

To accept the cemetery sample sizes:

1. Click on the "**Submit Sample Sizes**" button.

CAUTION:

- Once the sample sizes have been submitted, it cannot be updated.
- Submitting the sample sizes notifies the BOSS environment to generate the random gravesites to be assessed.

NOTE: The message "`The cemetery sample sizes have been submitted`" is displayed.

4.5. Receive "Gravesite Assessment Reporting Period Open!" email

When the assessment period is ready, all GAR users will receive the email "Gravesite Assessment Reporting Period Open!" email.

To view an example of the email, refer to Appendix B: "Gravesite Assessment Reporting Period Open!" Email.

4.6. Create/Edit/Delete/Query standardized list of comments

The standardized list of comments is accessed through the ***Assessment Comments*** menu.

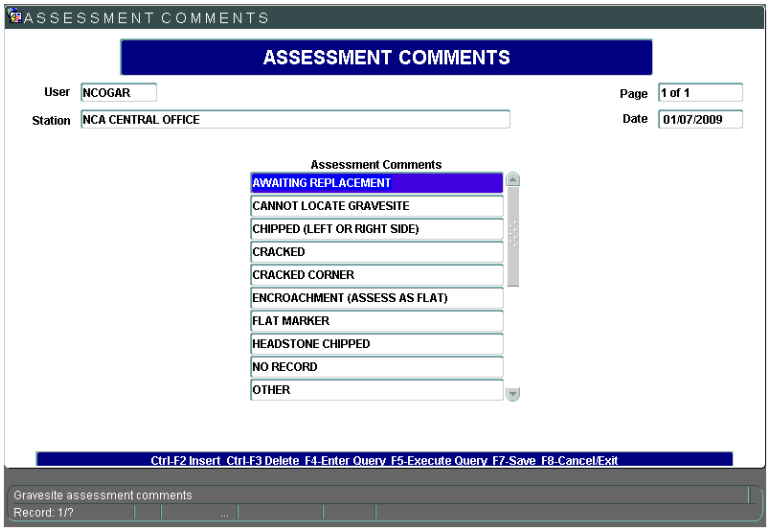


Figure 21. Level I User Form: Create/Edit/Delete/Query standardized list of comments

4.6.1. Create a new standardized comment

To create a new standarized comment:

1. Press **<Ctrl-F2 Insert>**.
2. In the new record created, type the new standardized comment.
3. Press **<F7-Save>**.

CAUTION: A new assessment comment must be unique. If the record is a duplicate, the following message will be displayed: "`A duplicate record exists. Please ensure the record is unique.`"

NOTE: The status message line displays "`FRM-40400: Transaction complete: # records applied and saved.`"

4.6.2. Edit an existing standardized comment

To edit an existing standardized comment:

1. Select the record to be edited.
2. Edit the record.
3. Press **<F7-Save>**.



NOTE: The status message line displays "`FRM-40400: Transaction complete: # records applied and saved.`"

4.6.3. Delete an existing standardized comment

To delete an existing standardized comment:

1. Select the record and press **<Ctrl-F3 Delete>**.
2. Press **<F7-Save>**.



NOTE: The status message line displays "`FRM-40400: Transaction complete: # records applied and saved.`"

4.6.4. Query for a standardized comment

To query for an existing standardized comment:

1. Press **<F4-Enter Query>**.



NOTE: A blank Form is displayed. The status message line displays "`Enter a query, press F5 to continue, press F5 to execute, F8 to cancel.`"

2. Type a search criterion within the "**Assessment Comment**" field.



NOTE: A wildcard "**%**" can be used. For example, **AWAI%** will find "AWAITING REPLACEMENT".

3. Press **<F5-Execute Query>**.



NOTE: If a search criterion is not found, the status message line displays "`FRM-40301: Query caused no records to be retrieved. Re-enter.`"



NOTE:

- If a search criterion is not found, the status message line displays "`FRM-40301: Query caused no records to be retrieved. Re-enter.`'
- **OPTION**: You can edit the assessment comment from here. Press **<F7-Save>** when done.

4.7. Update/Query/Print the cemetery assessment status and results

The cemetery assessment status and results are access through the ***Cemetery Assessment Status*** menu.

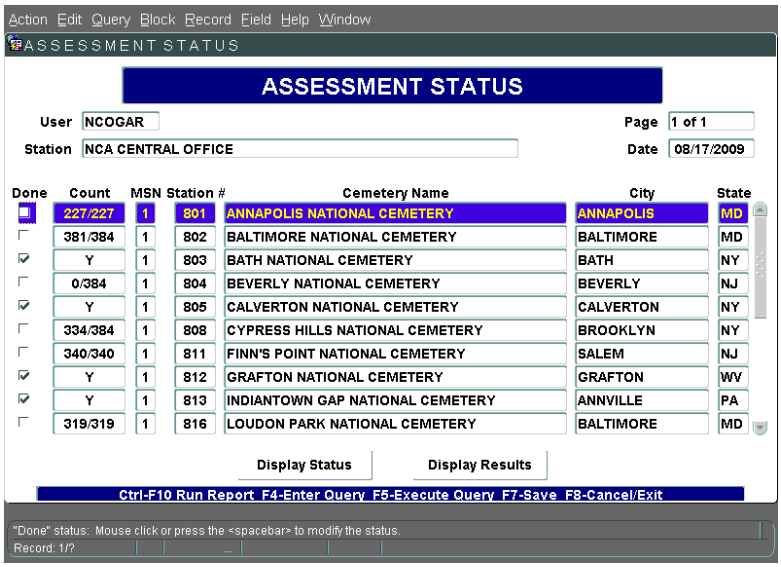


Figure 22. Level I User Form: Update/Query/Print the cemetery assessment status and results

4.7.1. Update the cemetery assessment "Done" status

To update the cemetery assessment "**Done**" status:

1. Click the "**Done**" field for the cemetery.

NOTE:

- A checked "**Done**" field and a "**Y**" for the "**Count**" field indicate the cemetery is complete with the assessment.
- A re-opened cemetery assessment displays the "**Done**" field as unchecked and the "**Count**" field displays total done/total count, where total done equals total count, for example 227/227.
- If there are incomplete assessments for the cemetery, the status message line displays: "`There are xxx incomplete gravesite(s) for FLORIDA NATIONAL CEMETERY (911)`", where *xxx* is the number of incomplete assessments.

2. Press **<F7-Save>**.

NOTE: The status message line displays "`FRM-40400: Transaction complete: # records applied and saved.`"

4.7.2. Query the cemetery assessment status

To query for a cemetery:

1. Press **<F4-Enter Query>**.



NOTE: A blank Form is displayed. The status message line displays "`Enter a query, press F5 to continue, press F5 to execute, F8 to cancel.`"

2. Enter the search criteria within the desired fields.



NOTE:

- The following fields are query able: "**Count**", "**MSN**", "**Station**", "**Cemetery Name**", "**City**" and "**State**".
- A wildcard "%" can be used. For example, Type **FLO%** within the "**Cemetery Name**" field will find FLORIDA NATIONAL CEMETERY

3. Press **<F5-Execute Query>**.



NOTE: If a search criteria is not found, the status message line displays '`FRM-40301: Query caused no records to be retrieved. Re-enter.`'

OPTION:

4. Edit the "**Done**" status.
5. Press **<F7-Save>**.

4.7.3. Print the assessment status report for all cemeteries

To display the assessment status report for printing:

1. Select a cemetery to assess.
2. Click on the **Display Status** button or press **<Ctrl-F10 Run Report>**.



NOTE: The report will be displayed within the browser as an Adobe Acrobat (.PDF) file.

For an example of the report, refer to Appendix C: Sample Reports.

4.7.4. Print the assessment results report for a cemetery

To display the assessment results report for printing:

1. Select a cemetery to assess.
2. Click on the **Display Results** button.



NOTE: The report will be displayed within the browser as an Adobe Acrobat (.PDF) file.

For an example of the report, refer to Appendix C: Sample Reports.

4.8. Print assessment reports (Semi-annual, Fiscal Year, MSN, and Cemetery)

There are 16 assessment reports:

1. Semi-Annual, Completed Assessment Results by MSN (PDF)
2. Semi-Annual, Completed Assessment Results by MSN (XLS)
3. Semi-Annual, Completed Assessment Results by NCA (PDF)
4. Semi-Annual, Completed Assessment Results by NCA (XLS)
5. Semi-Annual, Out of Plumb Report by MSN (PDF)
6. Semi-Annual, Out of Plumb Report by MSN (XLS)
7. Semi-Annual, Out of Plumb Report by NCA (PDF)
8. Semi-Annual, Out of Plumb Report by NCA (XLS)
9. Semi-Annual, National Totals by MSN (XLS)
10. Semi-Annual, Ranking by MSN (XLS)
11. Semi-Annual, Ranking by NCA (XLS)
12. FY Report, Consolidated Assessment Results by MSN (PDF)
13. FY Report, Consolidated Assessment Results by MSN (XLS)
14. FY Report, Consolidated Assessment Results by NCA (PDF)
15. FY Report, Consolidated Assessment Results by NCA (XLS)
16. Fiscal Year Annual Report, National Totals by MSN (XLS)
17. Fiscal Year Annual Report, Ranking by MSN (XLS)
18. Fiscal Year Annual Report, Ranking by NCA (XLS)
19. Cemetery Assessment Results (PDF)
20. Cemetery Assessment Results (XLS)
21. Cemetery Out of Plumb Report (PDF)
22. Cemetery Out of Plumb Report (XLS)

4.8.1. Semi-Annual, Completed Assessment Results by MSN (PDF or XLS)

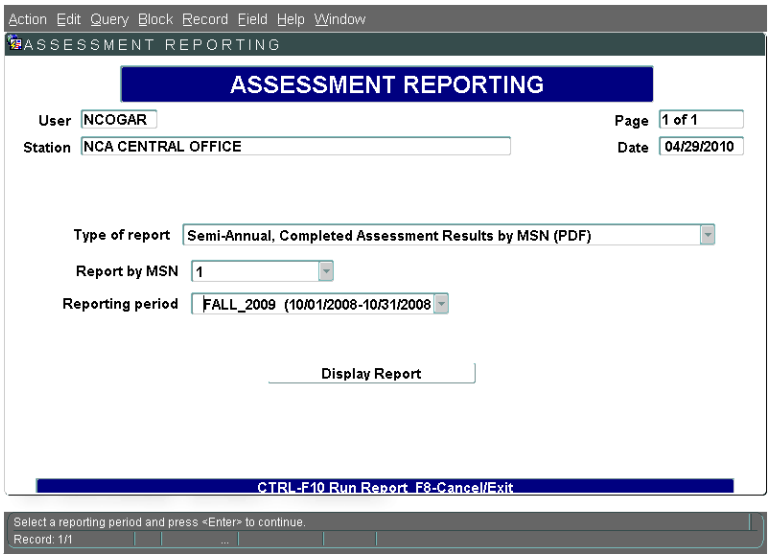


Figure 23. Level I User Form: Semi-Annual, Completed Assessment Results by MSN (PDF)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Semi-Annual, Completed Assessment Results by MSN**" (**PDF** or **XLS**) report.
5. Navigate to the "**Report by MSN**" by pressing **<Tab>**, **<Enter>** or by clicking on the drop-down list. Select from the list of available MSNs.
6. Navigate to the "**Reporting period**" drop-down list and select from the list of available reporting periods.
7. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.2. Semi-Annual, Completed Assessment Results by NCA (PDF or XLS)

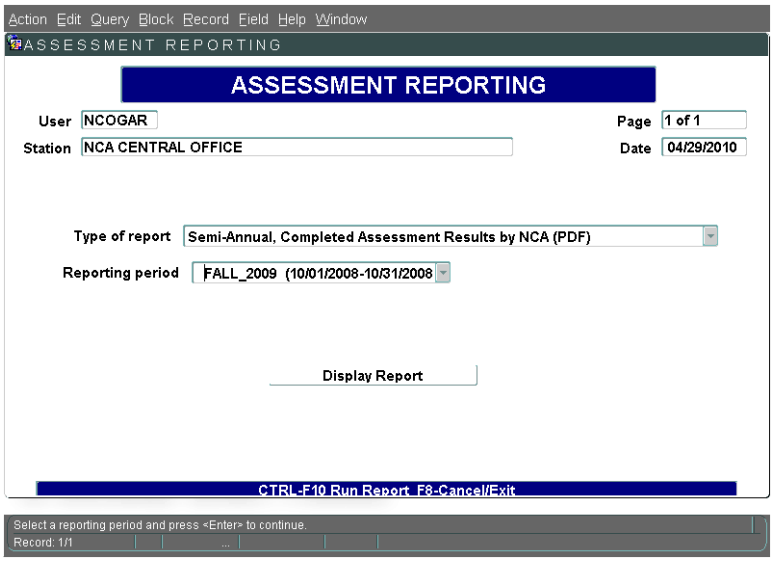


Figure 24. Level I User Form: Semi-Annual, Completed Assessment Results by NCA (PDF)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Semi-Annual, Completed Assessment Results by NCA**" (**PDF** or **XLS**) report.
5. Navigate to the "**Reporting Period**" drop-down list and select from the list of available reporting periods.

6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.3. Semi-Annual, National Totals by MSN (XLS)

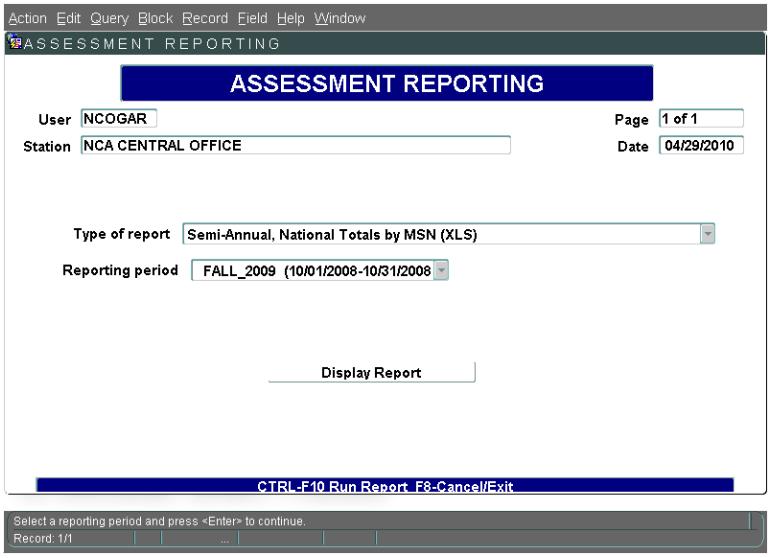


Figure 25. Level I User Form: Semi-Annual, National Totals by MSN (XLS)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Semi-Annual, National Totals by MSN (XLS)**" report.
5. Navigate to the "**Reporting Period**" drop-down list and select from the list of available reporting periods.
6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.4. Semi-Annual, Ranking by MSN (XLS)

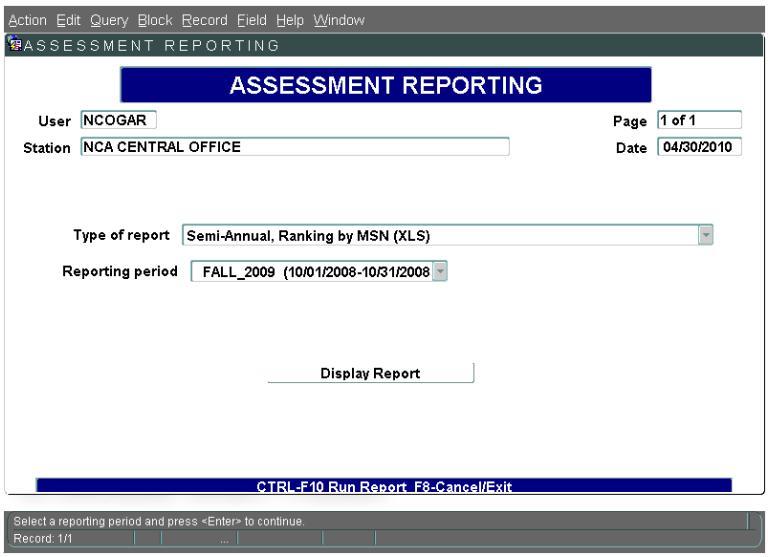


Figure 26. Level I User Form: Semi-Annual, Ranking by MSN (XLS)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Semi-Annual, Ranking by MSN (XLS)**" report.
5. Navigate to the "**Reporting Period**" drop-down list and select from the list of available reporting periods.
6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.5. Semi-Annual, Ranking by NCA (XLS)

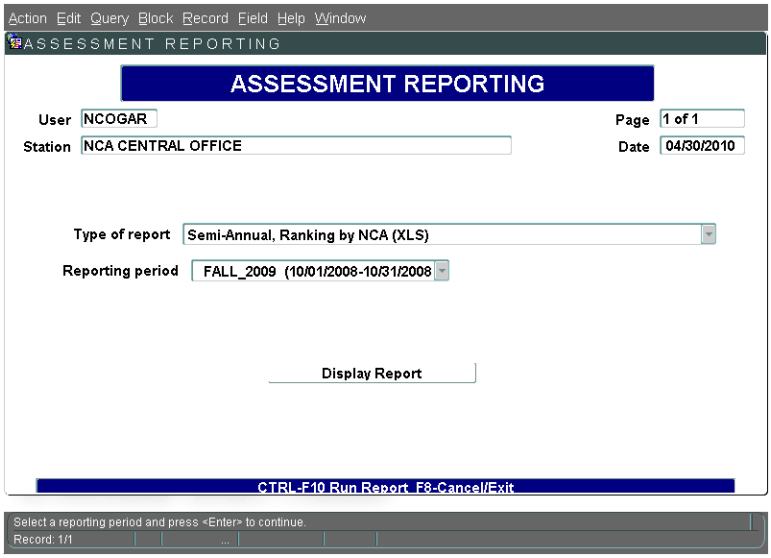


Figure 27. Level I User Form: Semi-Annual, Ranking by NCA (XLS)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Semi-Annual, Ranking by NCA (XLS)**" report.
5. Navigate to the "**Reporting Period**" and select from the list of available reporting periods.
6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.6. FY Report, Consolidated Assessment Results by MSN (PDF or XLS)

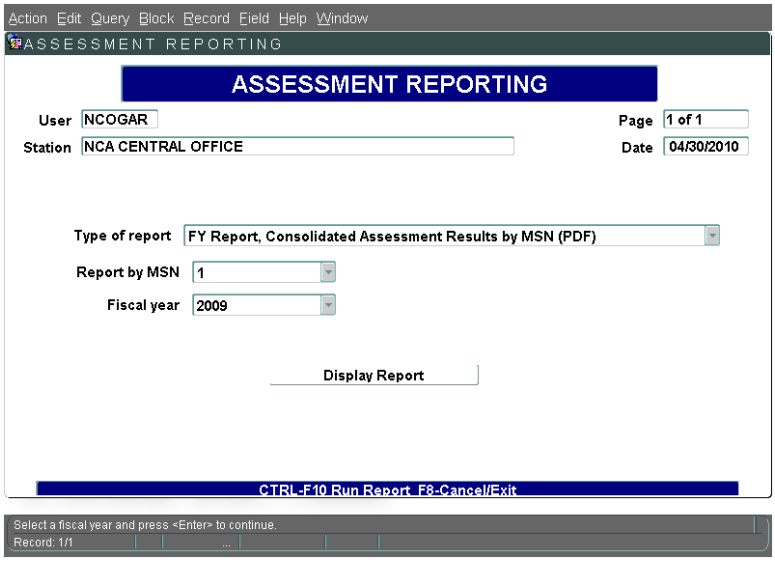


Figure 28. Level I User Form: FY Report, Consolidated Assessment Results by MSN (PDF or XLS)

To display the report:

1. From the ***GAR*** menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**FY Report, Consolidated Assessment Results by MSN**" (**PDF** or **XLS**) report.
5. Navigate to the "**Report by MSN**" drop-down list and select from the list of available MSNs.
6. Navigate to the "**Reporting period**" drop-down list and select from the list of available fiscal years.
7. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.7. FY Report, Consolidated Assessment Results by NCA (PDF or XLS)

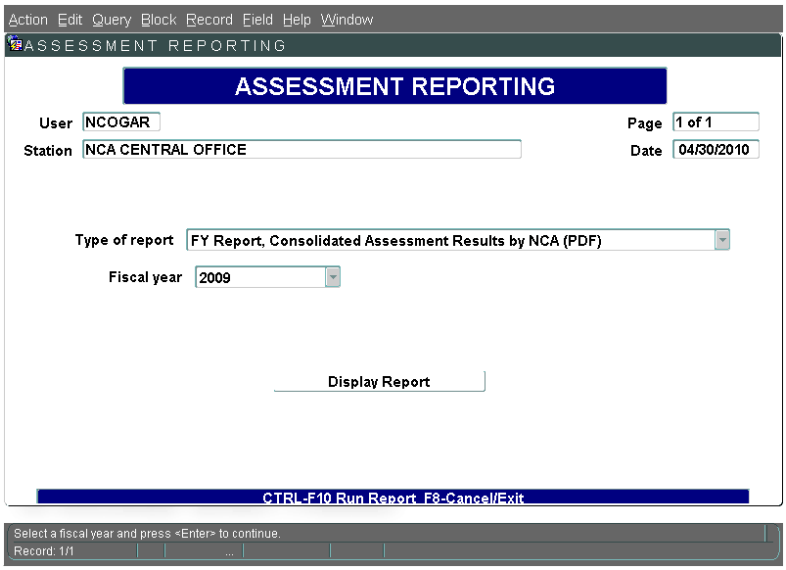


Figure 29. Level I User Form: FY Report, Consolidated Assessment Results by NCA (PDF)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**FY Report, Consolidated Assessment Results by NCA**" (**PDF** or **XLS**) report.
5. Navigate to the "**Reporting Period**" drop-down list and select from the list of available reporting periods.
6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.8. Fiscal Year Annual Report, National Totals by MSN (XLS)

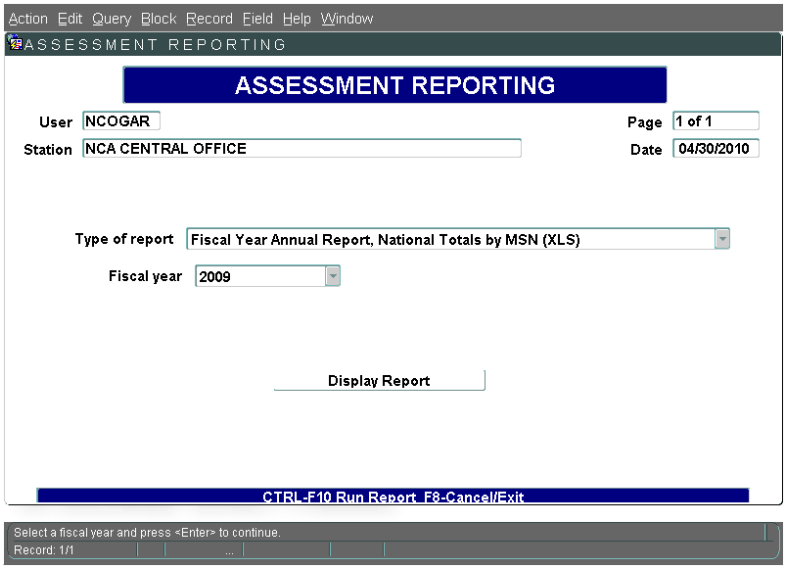


Figure 30. Level I User Form: Fiscal Year Annual Report, National Totals by MSN (XLS)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Fiscal Year Annual Report, National Totals by MSN (XLS)**" report.
5. Navigate to the "**Fiscal year**" and select from the list of available fiscal years.
6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.9. Fiscal Year Annual Report, Ranking by MSN (XLS)

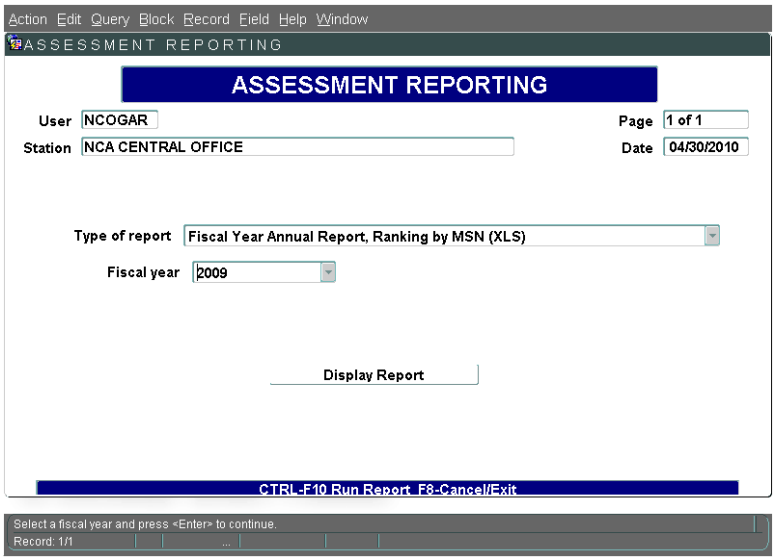


Figure 31. Level I User Form: Fiscal Year Annual Report, Ranking by MSN (XLS)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Fiscal Year Annual Report, Ranking by MSN (XLS)**" report.
5. Navigate to the "**Fiscal year**" drop-down list and select from the list of available fiscal years.
6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.10. Fiscal Year Annual Report, Ranking by NCA (XLS)

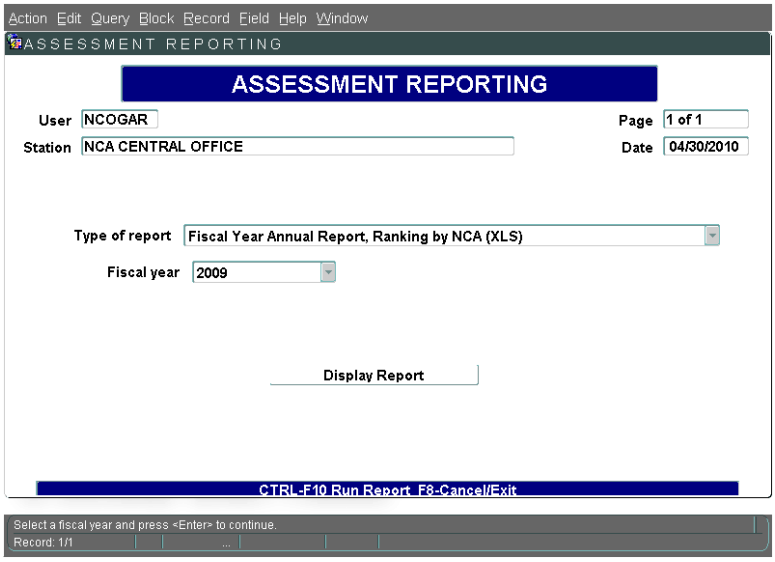


Figure 32. Level I User Form: Fiscal Year Annual Report, Ranking by NCA (XLS)

To display the report:

1. From the ***GAR*** Main menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Fiscal Year Annual Report, Ranking by NCA (XLS)**" report.
5. Navigate to the "**Fiscal year**" drop-down list and select from the list of available fiscal years.
6. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

4.8.11. Cemetery Assessment Results (PDF or XLS)

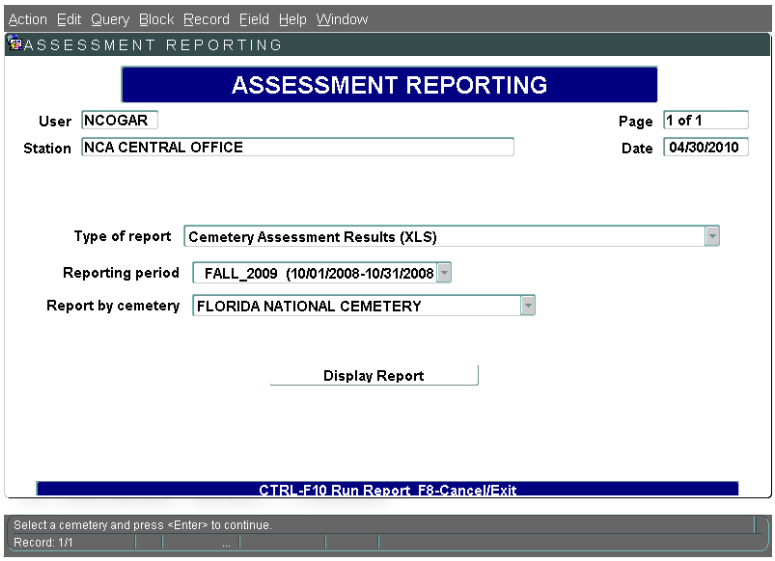


Figure 33. Level I User Form: Cemetery Assessment Results (PDF)

To display the report:

1. From the ***GAR*** menu, select the ***Assessment Reporting Period*** menu.
2. Within the **ASSESSMENT PERIOD** Form, click on the **Reports** button.
3. Within the **ASSESSMENT REPORTING** Form, click on the "**Type of report**" drop-down list.
4. Select the "**Cemetery Assessment Results"** (**PDF** or **XLS**) report.
5. Navigate to the "**Report by Cemetery**" drop-down list and select from the list of available cemeteries.



NOTE:

- A wildcard **%** can be used. For example, Type **FLO%** within the "**Cemetery Name**" field will find **FLORIDA NATIONAL CEMETERY**.
- To list all available cemeteries, type **%** and press **<Enter>**.

For wildcards:

a. Type the cemetery name with a **%** sign, for example **FLO%**.
b. Press <**Enter**>.



NOTE: The system message lines display:

- If the search criteria are found, the status message line displays "The value entered was found. Please select from the drop-down list."
- If the search criteria are not found, the status message line displays "The value entered for the "Report by cemetery" is invalid. Please select from the list provided."

c. Click on the "**Report by Cemetery**" drop-down list.
d. Select from the list of available cemeteries.

6. Navigate to the "**Reporting period**" drop-down list and select from the list of available reporting periods.
7. Click on the **Display Report** button.

For an example of the report, refer to Appendix C: Sample Reports.

5. Level II User (MSN Officials)

The Level II user consists of MSN officials. This user reviews the assessment status and results for all the cemeteries within their MSN area.

The Level II user has following functions:

- Receive "Gravesite Assessment Reporting Period Open!" email
- Query/Print cemetery assessment status and results

5.1. Main Menu

The Level II user has one main menu, **Cemetery Assessment Status**.

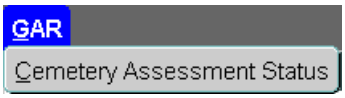


Figure 34. Level II User, GAR Main Menu

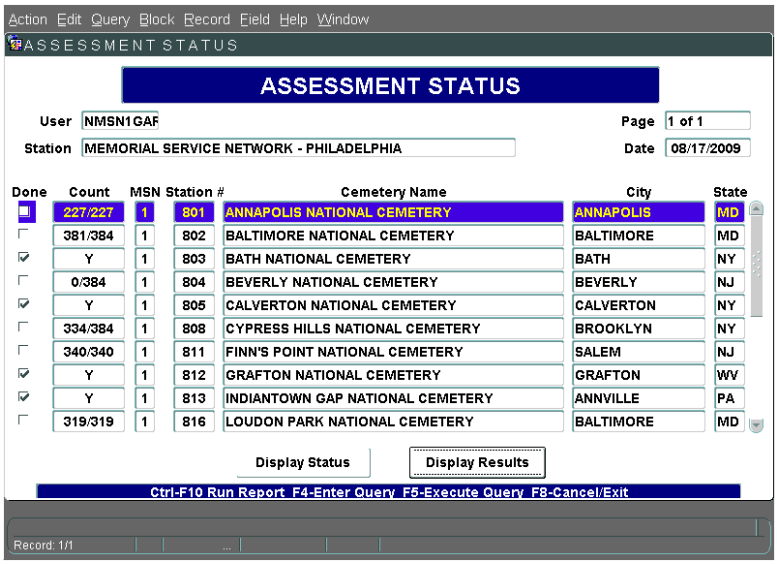


Figure 35. Level II User Form: Assessment Status

5.2. Receive "Gravesite Assessment Reporting Period Open!" email

When the assessment period is ready, all GAR users will receive the email "Gravesite Assessment Reporting Period Open!" email.

To view a sample of the email, refer to Appendix B: "Gravesite Assessment Reporting Period Open!" Email.

5.3. Query/Print cemetery assessment status and results

5.3.1. Query cemetery assessment status

To query for a cemetery:

1. Press **<F4-Enter Query>**.



NOTE: A blank Form is displayed. The system message displays "`Enter a query, press F5 to continue, press F5 to execute, F8 to cancel.`"

2. Enter the search criteria within the desired fields.



NOTE:

- The following fields are query able: "**Count**", "**MSN**", "**Station**", "**Cemetery Name**", "**City**" and "**State**".
- A wildcard "**%**" can be used. For example, Type **FLO%** within the "**Cemetery Name**" field will find "FLORIDA NATIONAL CEMETERY".

3. Press **<F5-Execute Query>**.



NOTE: If there are no records to found, the status message line displays "`FRM-40301: Query caused no records to be retrieved. Re-enter.`"

5.3.2. Print cemetery assessment status

To display the assessment status report for printing:

1. Select a cemetery to assess.
2. Click on the **Display Status** button.



NOTE: The report will be displayed within the browser as an Adobe Acrobat (.PDF) file.

For an example of the report, refer to Appendix C: Sample Reports.

5.3.3. Print cemetery assessment results

To display the assessment results report for printing:

1. Select a cemetery to assess.
2. Click on the **Display Results** button.



NOTE: The report will be displayed within the browser as an Adobe Acrobat (.PDF) file.

For an example of the report, refer to Appendix C: Sample Reports.

6. Level III User (Cemetery Staff)

The Level III user consists of cemetery level/gravesite assessment users. This user enters the gravesite assessments for the designated primary and supported satellite cemeteries.

The Level III user has following functions:

- Receive "Gravesite Assessment Reporting Period Open!" email
- Print cemetery assessment worksheets
- Query/Enter/Save/Submit gravesite assessments

6.1. Main Menu

The Level III user has one main menu option, ***Cemetery Assessments***. The menu consists of two Forms: **Cemetery Selection** and **Assessment for Cemetery**.

CAUTION: The BOSS Standard Window size was exceeded for the **CEMETERY ASSESSMENT** Form. It will be necessary for Level III Users to adjust their settings when logging into BOSS.

BOSS Users who have GAR Level III access must use the following URL:

For the Production instance:
http://boss.cem.va.gov/forms/frmservlet?config=apps10g&width=1300

For the Training instance:
http://blade10.cem.va.gov:7778/forms/frmservlet?config=apps10g&width=1300

This will increase the screen width from the standard BOSS screen width.

To show this one screen correctly, all other BOSS screens will appear with gray space to the right of the BOSS screen.

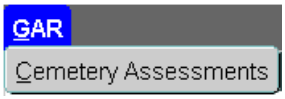


Figure 36. Level III User, GAR Main Menu

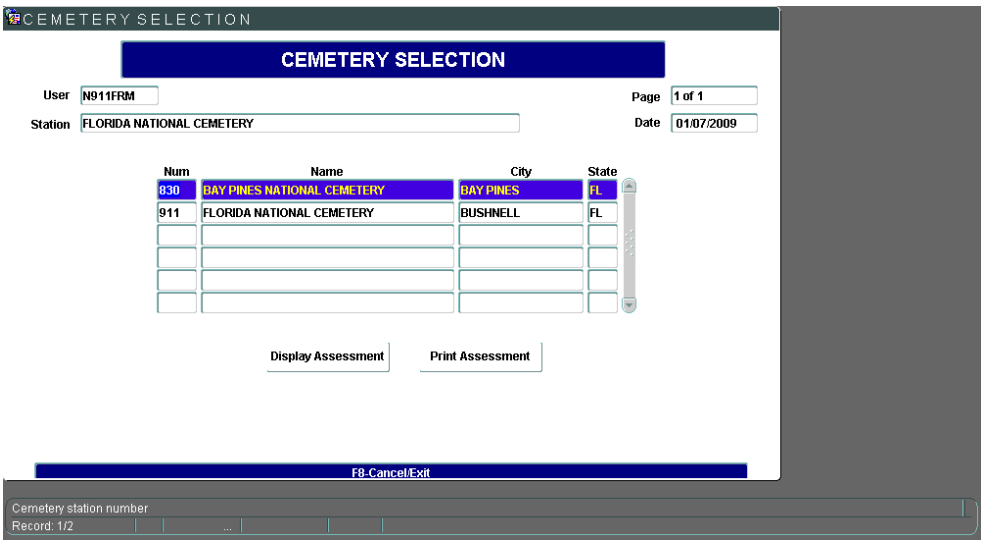


Figure 37. Level III User Form: Cemetery Selection

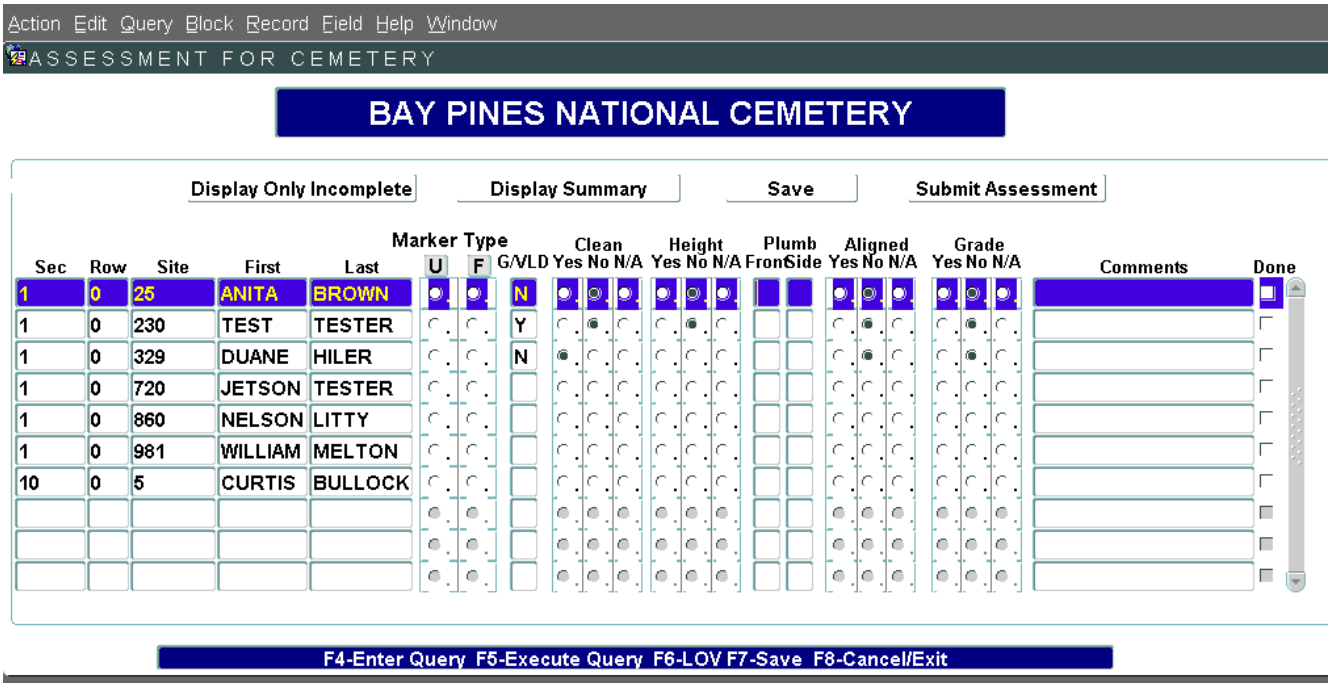


Figure 38. Level III User Form: Assessment for Cemetery

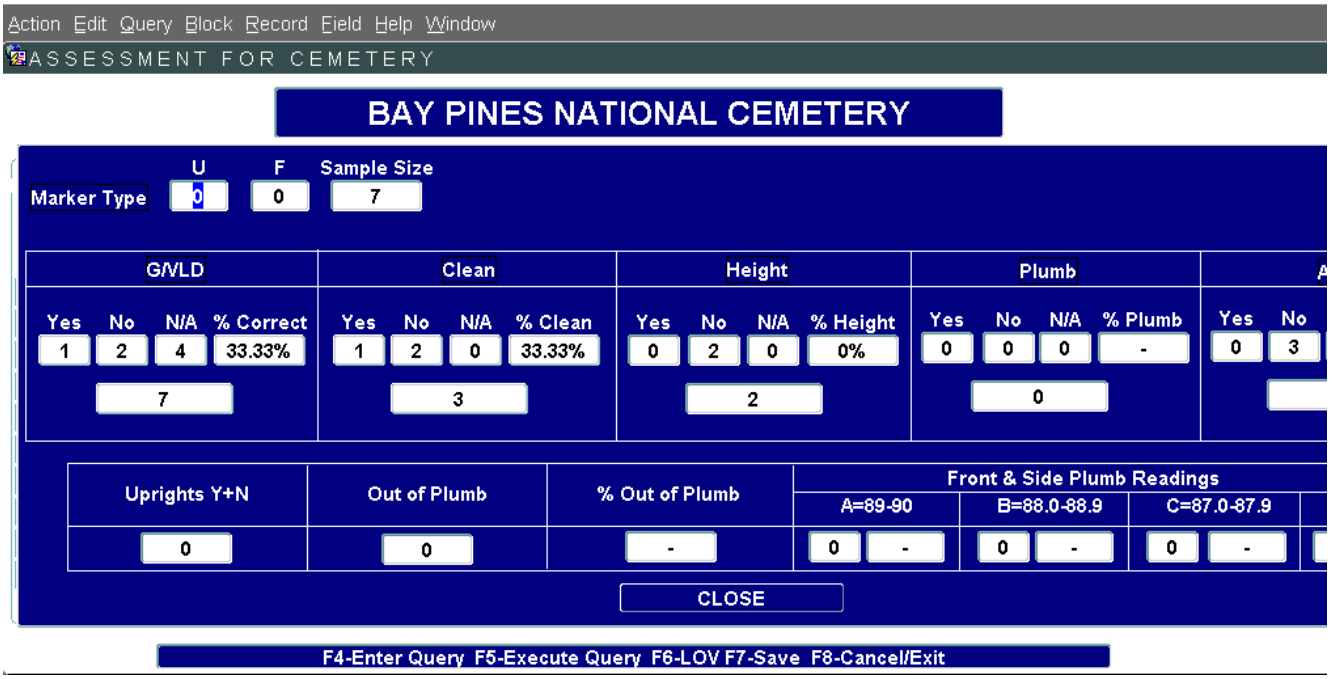


Figure 39. Level III User Form: Assessment for Cemetery, Display Summary

6.2. Receive "Gravesite Assessment Reporting Period Open!" email

When the assessment period is ready, all GAR users will receive the email "Gravesite Assessment Reporting Period Open!" email.

To view a sample of the email, refer to Appendix B: "Gravesite Assessment Reporting Period Open!" Email.

6.3. Print cemetery assessment worksheets

To display the cemetery assessment worksheets for printing:

1. Select the cemetery.
2. Click on the **Print Assessment** button.



NOTE: The report will be displayed within the browser as an Adobe Acrobat (.PDF) file.

For an example of the report, refer to Appendix C: Sample Reports.

6.4. Query/Enter/Display Summary/Save/Submit gravesite assessments

The gravesite assessments are access through the **ASSESSMENT FOR CEMETERY** Form.

To access the **ASSESSMENT FOR CEMETERY** Form:

- From the ***GAR*** Main Menu, select the ***Cemetery Assessments*** Menu.



NOTE: Managing cemeteries will be displayed with the list of managed sites.

- Click on the **Display Assessment** button.

6.4.1. Query gravesite assessments

To enter a query for the gravesite assessments:

1. Press **<F4-Enter Query>**.



NOTE: A blank Form is displayed. The system message displays "`Enter a query, press F5 to continue, press F5 to execute, F8 to cancel.`"

2. Enter the search criteria within the desired fields.



NOTE:

- The following fields are queryable: "**Sec**"tion, "**Row**", "**Site**", "**Decedent ID**", "**First**", "**Last**".
- A wildcard "**%**" can be used. For example, Type **RON%** within the "**First Name**" field will find "RON", "RONNY", "RONALD".

3. Press **<F5-Execute Query>**.



NOTE: If a search criterion is not found, the status message line displays "`FRM-40301: Query caused no records to be retrieved. Re-enter.`'

6.4.2. Enter gravesite assessments

To enter the gravesite assessments:



NOTE:

- The "**Marker Type**", "**Clean**", "**Height**", "**Aligned**", "**Grade**" fields are required to complete a gravesite assessment.
- A "**Comment**" is required if "**N/A**" is selected for the "**Clean**", "**Height**", "**Aligned**", "**Grade**" fields.
- The "**Done**" field is automatically checked after the **Save** button is pressed.

1. Select "**U**" or "**F**" for the "**Marker Type**" field.



NOTE:

- Select "**U**" for upright gravesites.
- Select "**F**" for flat gravesites
- Select the **U** button to set the gravesites on the list as upright.
- Select the **F** button to set the gravesites on the list as flat.

2. Enter **Y**, **N**, or leave blank for the "**G/VLD**" field.
3. Select "**Yes**", "**No**", or "**N/A**" for the "**Clean**" field.
4. Select "**Yes**", "**No**", or "**N/A**" for the "**Height**" field.
5. Select "**Yes**", "**No**", or "**N/A**" for the "**Aligned**" field.
6. Select "**Yes**", "**No**", or "**N/A**" for the "**Grade**" field.
7. The "**Comments**" can be selected from the list of standardized comments or a customized comment can be entered.



NOTE:

- Contact the Business Process Improvement Service (BPIS) to add to the list of standardized comments.
- A "**Comment**" is required if "**N/A**" is selected for "**Clean**", "**Height**", "**Aligned**", "**Grade**" fields.
- A "Comment" is required if G/VLD is either N or blank.
- If the "**Comment**" is missing, the status message line displays: "`Gravesite containing 'N/A' requires a 'Comment': Section: ###, Row: ###, Site: ###, Decedent name: xxx`", where `#` is the gravesite location and `xxx` is the decedent name.
    -

To select from the list of standardized comments:

a. Double-Click or press F6 on the "**Comments**" field.
b. Select from the list of standardized comments provided. You may select more than one comment from the list.
c. Click on **OK**.

To enter customized comments:

a. Click on the "**Comments**" field.
b. Type the customized comment.



NOTE: Contact the Business Process Improvement Service (BPIS) to add to the list of standardized comments.

To enter combined comments:

a. Double-Click or press F6 on the "**Comments**" field.
b. Select from the list of standardized comments provided. You may select more than one comment from the list.
c. Type the customized comment.

- **NOTE**: If the "Comment" is exceeds 50 characters, the message displays:



To replace the old comment, click "Yes".

8. Click the **Save** button.

6.4.3. Save gravesite assessments

To save the gravesite assessments:

1. Click the **Save** button.

NOTE:

- The system message status line displays "`FRM-40400: Transaction complete: # records applied and saved.`"
- The "**Done**" field is automatically checked once the **Save** button is pressed.

CAUTION: Save your gravesite assessments frequently.

6.4.4. Display assessment summary

To display the assessment summary:

1. Click the **Display Summary** button.
2. Click on the **Close** button or press "**F8-Cancel/Exit**".

6.4.5. Display only incomplete assessments

To display only incomplete assessments:

1. Click the **Display Only Incomplete** button.
2. Click on the **Display All** button to display all assessments.

6.4.6. Submit gravesite assessments

To submit the gravesite assessments:

1. Click the **Submit Assessment** button.



CAUTION:

- Once the gravesite assessments have been submitted, it cannot be updated. The following message is displayed: "`Your assessments have been marked complete. Please contact the program coordinator to update your assessments`".
- Notify the Business Process Improvement Service (BPIS) if the cemetery assessment needs to be updated.



NOTE:

- The application checks if all the gravesite assessments are complete.
- If the assessments are complete, the following message is displayed: "`Your cemetery assessments have been submitted.`"
- If there are incomplete assessments, the following message is displayed: "`There are incomplete gravesite assessments. Please select 'Display Only Incomplete'.`"
- Click on the **Display Only Incomplete** button to view the list of incomplete assessments.

7. Appendix A: “Gravesite Assessment sample data is ready for review and submission” Email

The “Gravesite Assessment sample data is ready for review and submission” email is sent to the Level I users. It is used to notify the Level I users to review and submit the gravesite sample sizes.

```
Subject: Gravesite Assessment sample data is ready for review and
submission.

GAR SAMPLE DATA NOTICE:

You must review and submit the sample calculations in order to notify, via
email, all GAR Users to begin the assessment process.

Log into BOSS and Select 'Gravesite Cumulative Data' from the Menu to
continue.
```

8. Appendix B: "Gravesite Assessment Reporting Period Open!" Email

Greetings all MSN Directors and Staff:

It is time to conduct the SPRING Gravesite Assessment Report (GAR) to assess the gravesite validation, cleanliness, height and alignment of your headstones/markers as well as the avoidance of sunken graves.

Assessments for ALL cemeteries under your management MUST BE completed and entered into the system accurately by COB, 04/30/2013.

A statistically valid random sampling of gravesites has been calculated for all of your national cemeteries. The gravesite assessment worksheets are available for download and print from BOSS.

The assessment criteria is available in the GAR section of the BOSS User Guide. You can access GAR by logging into BOSS.

If you do not have a BOSS account with access to the GAR Menu you must request one through Remedy, which can be found at http://10.228.1.71/arsys/shared/login.jsp.

Be sure to provide the Help Desk with the type of GAR access you need (see below):

- Level 1: Business Process Improvement Service User
- Level 2: MSN Official
- Level 3: Cemetery-Level User

For Level 1 and Level 2 users, BOSS can be found at:
http://boss.cem.va.gov/forms/frmservlet?config=apps10g

For Level 3 users, BOSS can be found at:
http://boss.cem.va.gov/forms/frmservlet?config=apps10g&width=1000

Please be sure to review the user guides and the assessment criteria. The reliability of NCA's data depends on everyone using the same criteria consistently, across all cemeteries. Complete assessment instructions and Frequently Asked Questions (FAQs) can be found on the NCA Communities of Practice Intranet site at:
http://vaww.nca.vaco.portal.va.gov/sites/41B/COP/default.aspx

Your assessment data MUST be entered into the GAR system. Consult the BOSS User Guide for information pertaining to GAR. The BOSS User Guides can be found at:
http://vaww.cem.va.gov/boss/bossuserguides.htm.

FOR MSN OFFICES: Each MSN office will be able to check the status of each cemetery in their MSN during the assessment period through BOSS.

GRAVESITE ASSESSMENT CORRECTIONS AFTER SUBMISSION:

If you have any corrections to your assessment after submission, please contact Christine Booker Hamilton at (202) 461-5681 promptly, but no later than 04/30/2013.

IMPORTANT INFORMATION/CLARIFICATION OF POSTING REQUIREMENTS:

1. All gravesites on the worksheet must be assessed for **Gravesite Validation (G/VLD), Clean, Height, Plumb, Aligned, and Grade.**

2. You must provide an explanation in the Comments column if **Not Applicable** or **N/A** is entered for any of the Assessment areas.

3. If an **upright headstone has been laid flat** on a gravesite due to a tree or to allow for maneuvering of equipment at the end of a row, assess the headstone using criteria for a flat marker. Select **"U"** (Upright) as the marker type and enter a comment: *"Upright Laid Flat"*.

4. **Memorial Headstones/Markers** must be assessed as any other gravesite.

5. A headstone/marker for an **Unknown Veteran** should be assessed as correctly marked for "G/VLD" if the inscribed gravesite number matches the number shown in BOSS.

6. **Private Monuments/Markers** must be assessed for "G/VLD" and "Grade" only. Select **N/A** for "Clean", "Height", "Aligned". Leave "Plumb" blank and enter a comment: *"Private Monument/Marker"*

7. If the worksheet includes a **new interment** and there is no headstone/marker on the gravesite, assess for "G/VLD" and "Grade" only. Select **N/A** for "Clean", "Height", and "Aligned". Leave "Plumb" blank and enter a comment: *"New Interment"*

8. If the worksheet includes a gravesite which is in a section **under renovation,** assess the gravesite for "G/VLD" only. Select **N/A** for "Clean", "Height", "Aligned", and "Grade". Leave "Plumb" blank and enter a comment: *"Under Renovation*".

9. If the worksheet includes a **Memorial Wall Marker**, assess for "G/VLD" only. Select N/A for "Clean", "Height", "Aligned", and "Grade". Leave "Plumb" blank and enter a comment: *"Memorial Wall Marker"*.

10. If the worksheet includes a decedent in a **"MASS BURIAL"** gravesite, assess the gravesite for "G/VLD" only. Select **N/A** for "Clean", "Height", "Aligned", and "Grade". Leave "Plumb" blank and enter a comment: *"Mass Grave"*.

11. All gravesites with **Historical Headstones/Markers** should be assessed for **ALL** categories. If the Historical Headstone/Marker is **illegible**, mark the record as **N/A** for "G/VLD" and assess all other categories. Enter comment: *"Historical H/S – illegible"*.

12. There may be an instance where the spouse's or child's name is not inscribed on a **headstone/marker** but BOSS shows the decedent's name. In this case, mark this record as **N/A** for "G/VLD" and assess all other categories. Enter comment: *"Spouse/child's name not on headstone/marker"*.

9. Appendix C: Sample Reports and Formula

9.1. Level I: Semi-Annual, Completed Assessment Results by MSN (PDF or XLS)

NCA
Gravesite Assessment Report
MSN I

Gravesite Assessment Report April 2009		Headstone/Marker/Niche Cover (H/M)																										Grave			
			TYPE		G/VLD				CLEAN				HEIGHT				PLUMB				ALIGNED				PROPER HEIGHT AND ALIGNMENT				GRADE			
CEM	NAME	Sample Size	U	F	yes	no	na	Percent of H/Ms Correctly Marked	yes	no	na	Percent of H/Ms Clean	yes	no	na	Percent of H/Ms at Proper Height	yes	no	na	Percent of H/Ms Plumb	yes	no	na	Percent of H/Ms Properly Aligned	yes	no	na	Percent of H/Ms at Proper Height and Alignment	yes	no	na	Percent of Graves at Proper Grade
801	ANNAPOLIS	227	227	0	0	0	227	0.0%	227	0	0	100.0%	227	0	0	100.0%	188	21	18	90.0%	227	0	0	100.0%	188	21	18	90.0%	227	0	0	100.0%
802	BALTIMORE	384	381	3	0	0	384	0.0%	381	3	0	99.2%	384	0	0	100.0%	253	102	26	71.3%	381	3	0	99.2%	253	105	26	70.7%	384	0	0	100.0%
803	BATH	384	384	0	0	0	384	0.0%	384	0	0	100.0%	384	0	0	100.0%	345	25	14	93.2%	383	0	0	100.0%	344	26	14	93.0%	384	0	0	100.0%
804	BEVERLY	384	0	384	0	0	384	0.0%	0	384	0	0.0%	384	0	0	100.0%	0	0	0	0.0%	0	384	0	0.0%	0	384	0	0.0%	384	0	0	100.0%
805	CALVERTON	383	383	0	0	0	383	0.0%	383	0	0	100.0%	383	0	0	100.0%	355	16	12	95.7%	383	0	0	100.0%	355	16	12	95.7%	383	0	0	100.0%
808	CYPRESS HILLS	384	333	51	0	0	384	0.0%	333	51	0	86.7%	383	0	0	100.0%	312	14	7	95.7%	334	50	0	87.0%	312	65	7	82.8%	384	0	0	100.0%
811	FINN'S POINT	340	340	0	0	0	340	0.0%	340	0	0	100.0%	340	0	0	100.0%	316	13	11	96.0%	340	0	0	100.0%	316	13	11	96.0%	340	0	0	100.0%
812	GRAFTON	303	303	0	0	0	303	0.0%	303	0	0	100.0%	303	0	0	100.0%	279	12	12	95.3%	303	0	0	100.0%	279	12	12	95.9%	303	0	0	100.0%
813	INDIANTOWN GAP	384	384	0	0	0	384	0.0%	384	0	0	100.0%	384	0	0	100.0%	356	15	13	96.0%	383	1	0	99.7%	355	16	13	95.7%	384	0	0	100.0%
816	LOUDON PARK	319	319	0	0	0	319	0.0%	319	0	0	100.0%	319	0	0	100.0%	64	2	253	97.0%	319	0	0	100.0%	64	2	253	97.0%	319	0	0	100.0%
818	MASSACHUSETTS	384	384	0	0	0	384	0.0%	384	0	0	100.0%	384	0	0	100.0%	0	0	384	0.0%	384	0	0	100.0%	0	0	384	0.0%	384	0	0	100.0%
819	PHILADELPHIA	384	384	0	0	0	384	0.0%	384	0	0	100.0%	384	0	0	100.0%	0	0	384	0.0%	384	0	0	100.0%	0	0	384	0.0%	384	0	0	100.0%
822	TOGUS	356	356	0	0	0	356	0.0%	356	0	0	100.0%	356	0	0	100.0%	0	0	356	0.0%	356	0	0	100.0%	0	0	356	0.0%	356	0	0	100.0%
824	WOODLAWN	367	367	0	0	0	367	0.0%	367	0	0	100.0%	367	0	0	100.0%	0	0	367	0.0%	367	0	0	100.0%	0	0	367	0.0%	367	0	0	100.0%
826	ALEXANDRIA, VA	349	349	0	0	0	349	0.0%	349	0	0	100.0%	349	0	0	100.0%	0	0	349	0.0%	349	0	0	100.0%	0	0	349	0.0%	349	0	0	100.0%
827	BALLS BLUFF	25	25	0	0	0	25	0.0%	25	0	0	100.0%	25	0	0	100.0%	0	0	25	0.0%	25	0	0	100.0%	0	0	25	0.0%	25	0	0	100.0%
836	CITY POINT	354	354	0	0	0	354	0.0%	354	0	0	100.0%	354	0	0	100.0%	0	0	354	0.0%	354	0	0	100.0%	0	0	354	0.0%	354	0	0	100.0%
837	COLD HARBOR	229	229	0	0	0	229	0.0%	229	0	0	100.0%	229	0	0	100.0%	0	0	229	0.0%	229	0	0	100.0%	0	0	229	0.0%	229	0	0	100.0%
839	CULPEPER	366	366	0	0	0	366	0.0%	366	0	0	100.0%	366	0	0	100.0%	0	0	366	0.0%	366	0	0	100.0%	0	0	366	0.0%	366	0	0	100.0%
845	FT. HARRISON	257	0	257	0	0	257	0.0%	0	257	0	0.0%	257	0	0	100.0%	0	0	0	0.0%	0	257	0	0.0%	0	257	0	0.0%	257	0	0	100.0%
848	GLENDALE	245	0	245	0	0	245	0.0%	0	245	0	0.0%	245	0	0	100.0%	0	0	0	0.0%	0	245	0	0.0%	0	245	0	0.0%	245	0	0	100.0%
849	HAMPTON	384	0	384	0	0	384	0.0%	0	384	0	0.0%	384	0	0	100.0%	0	0	0	0.0%	0	384	0	0.0%	0	384	0	0.0%	384	0	0	100.0%
850	HAMPTON VA	22	0	22	0	0	22	0.0%	0	22	0	0.0%	22	0	0	100.0%	0	0	0	0.0%	0	22	0	0.0%	0	22	0	0.0%	22	0	0	100.0%
872	QUANTICO	384	0	384	0	0	384	0.0%	0	384	0	0.0%	384	0	0	100.0%	0	0	0	0.0%	0	384	0	0.0%	0	384	0	0.0%	384	0	0	100.0%
874	RICHMOND	344	0	344	0	0	344	0.0%	0	344	0	0.0%	344	0	0	100.0%	0	0	0	0.0%	0	344	0	0.0%	0	344	0	0.0%	344	0	0	100.0%
878	SEVEN PINES	198	0	198	0	0	198	0.0%	0	198	0	0.0%	198	0	0	100.0%	0	0	0	0.0%	0	198	0	0.0%	0	198	0	0.0%	198	0	0	100.0%
880	STAUNTON	172	0	172	0	0	172	0.0%	0	172	0	0.0%	172	0	0	100.0%	0	0	0	0.0%	0	172	0	0.0%	0	172	0	0.0%	172	0	0	100.0%
882	WINCHESTER	323	0	323	0	0	323	0.0%	0	323	0	0.0%	323	0	0	100.0%	0	0	0	0.0%	0	323	0	0.0%	0	323	0	0.0%	323	0	0	100.0%
912	WEST VIRGINIA	345	0	345	0	0	345	0.0%	0	345	0	0.0%	345	0	0	100.0%	0	0	0	0.0%	0	345	0	0.0%	0	345	0	0.0%	345	0	0	100.0%
917	GERALD B.H. SOLOMON SARATOGA	365	0	365	0	0	365	0.0%	0	365	0	0.0%	365	0	0	100.0%	0	0	0	0.0%	0	365	0	0.0%	0	365	0	0.0%	365	0	0	100.0%
925	NATIONAL CEMETERY OF THE ALLEGHENIES	331	0	331	0	0	331	0.0%	0	331	0	0.0%	331	0	0	100.0%	0	0	0	0.0%	0	331	0	0.0%	0	331	0	0.0%	331	0	0	100.0%
31	MSN I - PHILADELPHIA	9675	5868	3808	0	0	9676	0.0%	5868	3808	0	76.3%	9675	0	0	100.0%	2468	220	3180	91.8%	5867	3808	0	76.3%	2466	4030	3180	52.4%	9676	0	0	100.0%

Figure 40. Level I User Report: Semi-Annual, Completed Assessment Results by MSN (PDF)

Formula:
All Percentage Columns (in blue) are calculated as follows:

$$\% = \text{Yes} / (\text{Yes}+\text{No})$$

The MSN Total line for the columns Sample, "U", "F", yes, no, and na is a summation of all cemeteries for the MSN but each percentage column (last line in blue) are calculated as follows:

$$\text{Total \% (weighted)} = \sum\text{WeightedYes} / \sum\text{TotalPopulation (the numbers in red above)}$$

where WeightedYes = WeightedPopulation * "Yes" column

where WeightedPopulation is the Population of each cemetery / Sample population, represented by "Wgt=Tot/Sample" column on the picture above

WeightedYes on the picture above is represented by the "Wgt*Yes" green column

TotalPopulation is the gravesite quantity of a cemetery, represented by the TotPop green column from the picture above.

Example: % Headstone & Markers Clean = 100 * **583232.22** / **714484** **= 81.6%**

9.2. Level I: Semi-Annual, Completed Assessment Results by NCA (PDF or XLS)

NCA
Gravesite Assessment Report
April 2009

Gravesite Assessment Report April 2009	Headstone/Marker/Niche Cover (H/M)																											Grave			
	Sample Size	TYPE		G/V/LD			Percent of H/Ms Correctly Marked	CLEAN			Percent of H/Ms Clean	HEIGHT			Percent of H/Ms at Proper Height	PLUMB			Percent of H/Ms Plumb	ALIGNED			Percent of H/Ms Properly Aligned	PROPER HEIGHT AND ALIGNMENT			Percent of H/Ms at Proper Height and Align-ment	GRADE			Percent of Graves at Proper Grade
NAME		U	F	yes	no	na	un-weighted	yes	no	na	weighted*	yes	no	na	weighted*	yes	no	na	un-weighted	yes	no	na	weighted*	yes	no	na	weighted*	yes	no	na	weighted*
NATIONAL TOTALS	40,452	6601	33851	0	0	40452	0.0%	22261	18191	0	59.2%	39746	706	0	98.8%	2468	220	3913	91.8%	28937	11514	0	65.5%	25152	11387	3913	59.1%	39364	1087	1	94.6%
MSN 1 - PHILADELPHIA	9,676	5868	3808	0	0	9676	0.0%	5868	3808	0	76.3%	9675	0	0	100.0%	2468	220	3180	91.8%	5867	3808	0	76.3%	2466	4030	3180	52.4%	9676	0	0	100.0%
MSN 2 - ATLANTA	11,431	733	10698	0	0	11431	0.0%	8857	2574	0	75.8%	10726	705	0	94.1%	0	0	733	0.0%	8829	2602	0	56.7%	8445	2253	733	51.2%	10698	732	1	74.9%
MSN 3 - DENVER	5,764	0	5764	0	0	5764	0.0%	2432	3332	0	53.0%	5764	0	0	100.0%	0	0	0	0.0%	5764	0	0	100.0%	5764	0	0	100.0%	5764	0	0	100.0%
MSN 4 - INDIANAPOLIS	8,832	0	8832	0	0	8832	0.0%	355	8477	0	0.9%	8832	0	0	100.0%	0	0	0	0.0%	8477	355	0	99.1%	8477	355	0	99.1%	8477	355	0	99.1%
MSN 5 - OAKLAND	4,749	0	4749	0	0	4749	0.0%	4749	0	0	100.0%	4749	0	0	100.0%	0	0	0	0.0%	0	4749	0	0.0%	0	4749	0	0.0%	4749	0	0	100.0%

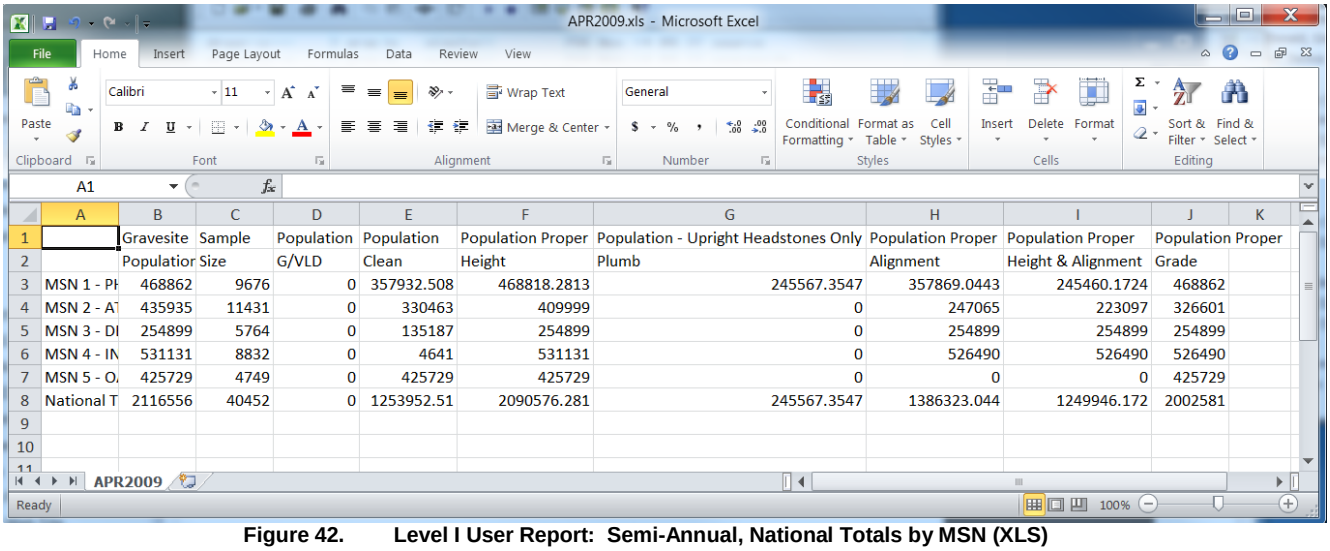
*Data were weighted at the National and MSN levels to be proportionate to actual gravesite populations and NA's were excluded from analysis. The weighted figure represents NCA's and each of the MSN's performance level.

Figure 41. Level I User Report: Semi-Annual, Completed Assessment Results by NCA (PDF)

The formula is the same as the computation for the total line in section 9.1. As you will notice, the MSN 1 Total line from section 9.1 is the same as the MSN 1 on the above report.

The calculation for the National Totals is the same approach but taking in consideration all of the cemeteries.

9.3. Level I: Semi-Annual, National Totals by MSN (XLS)

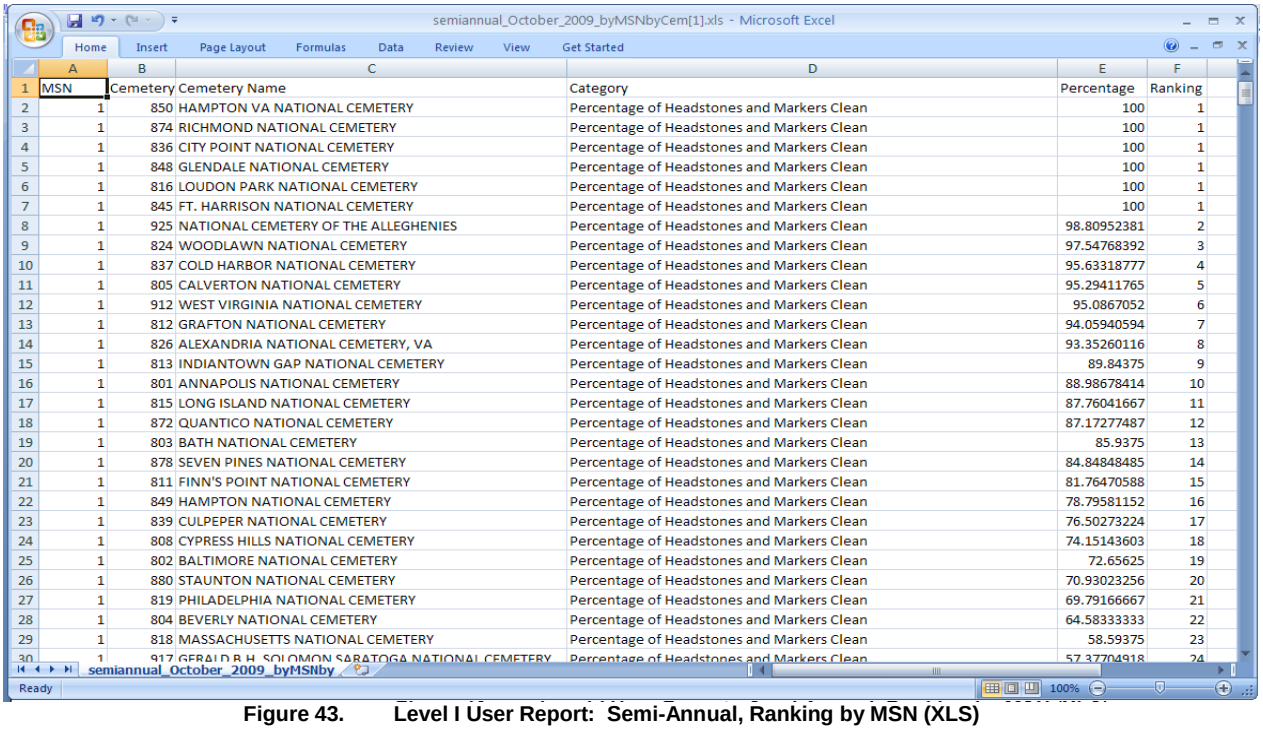


	A	B	C	D	E	F	G	H	I	J	K
1		Gravesite	Sample	Population	Population	Population Proper	Population - Upright Headstones Only	Population Proper	Population Proper	Population Proper	
2		Population	Size	G/VLD	Clean	Height	Plumb	Alignment	Height & Alignment	Grade	
3	MSN 1 - PH	468862	9676	0	357932.508	468818.2813	245567.3547	357869.0443	245460.1724	468862	
4	MSN 2 - AT	435935	11431	0	330463	409999	0	247065	223097	326601	
5	MSN 3 - DI	254899	5764	0	135187	254899	0	254899	254899	254899	
6	MSN 4 - IN	531131	8832	0	4641	531131	0	526490	526490	526490	
7	MSN 5 - OA	425729	4749	0	425729	425729	0	0	0	425729	
8	National T	2116556	40452	0	1253952.51	2090576.281	245567.3547	1386323.044	1249946.172	2002581	
9											
10											
11											

Figure 42. Level I User Report: Semi-Annual, National Totals by MSN (XLS)

Formula:
Gravesite Population = sum of gravesite quantities of cemeteries
Sample Size = sum of sample size quantities of cemeteries
Population Clean = (Gravesite Population / Sample Size) * sum of "Yes". Note the "Yes" column is not shown. Please see section 9.1 for detailed data and sample calculation. The rest of the "Population" columns use the same formula.

9.4. Level I: Semi-Annual, Ranking by MSN (XLS)



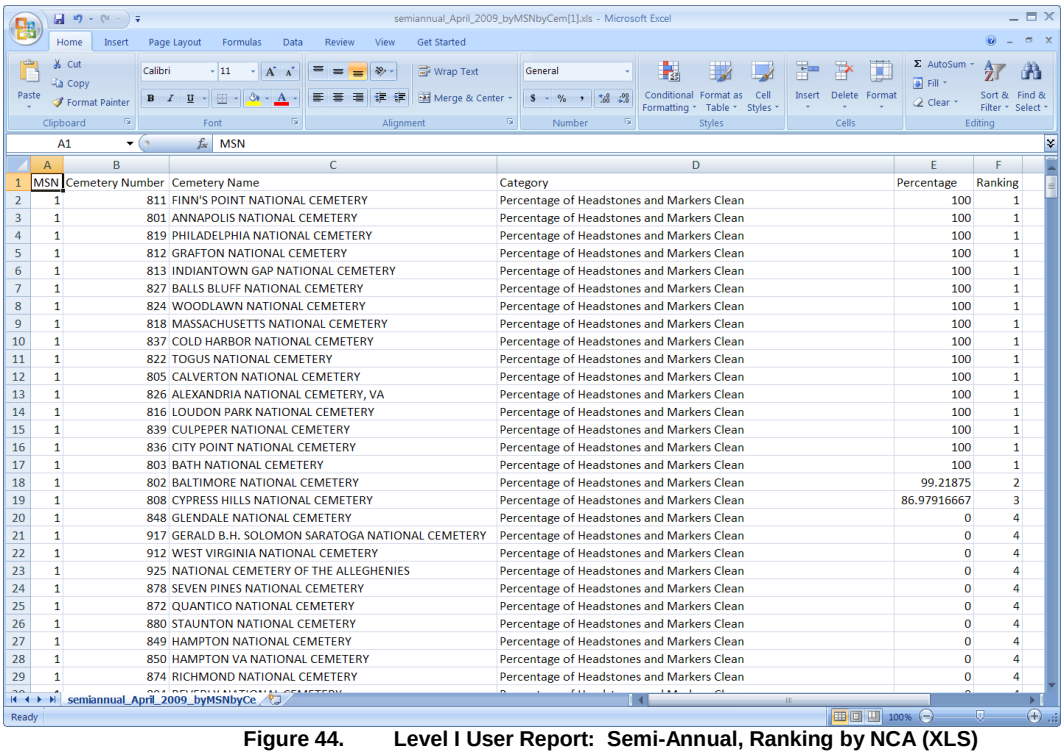
semiannual_October_2009_byMSNbyCem[1].xls - Microsoft Excel

MSN	Cemetery	Cemetery Name	Category	Percentage	Ranking
1	850	HAMPTON VA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	874	RICHMOND NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	836	CITY POINT NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	848	GLENDALE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	816	LOUDON PARK NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	845	FT. HARRISON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	925	NATIONAL CEMETERY OF THE ALLEGHENIES	Percentage of Headstones and Markers Clean	98.80952381	2
1	824	WOODLAWN NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	97.54768392	3
1	837	COLD HARBOR NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	95.63318777	4
1	805	CALVERTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	95.29411765	5
1	912	WEST VIRGINIA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	95.0867052	6
1	812	GRAFTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	94.05940594	7
1	826	ALEXANDRIA NATIONAL CEMETERY, VA	Percentage of Headstones and Markers Clean	93.35260116	8
1	813	INDIANTOWN GAP NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	89.84375	9
1	801	ANNAPOLIS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	88.98678414	10
1	815	LONG ISLAND NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	87.76041667	11
1	872	QUANTICO NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	87.17277487	12
1	803	BATH NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	85.9375	13
1	878	SEVEN PINES NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	84.84848485	14
1	811	FINN'S POINT NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	81.76470588	15
1	849	HAMPTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	78.79581152	16
1	839	CULPEPER NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	76.50273224	17
1	808	CYPRESS HILLS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	74.15143603	18
1	802	BALTIMORE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	72.65625	19
1	880	STAUNTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	70.93023256	20
1	819	PHILADELPHIA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	69.79166667	21
1	804	BEVERLY NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	64.58333333	22
1	818	MASSACHUSETTS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	58.59375	23
1	917	GERALD B.H. SOLOMON SARATOGA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	57.37704918	24

Figure 43. Level I User Report: Semi-Annual, Ranking by MSN (XLS)

The above is calculated the same concept as section 9.1, however it is ranked using the function dense_rank () in order by MSN ID.

9.5. Level I: Semi-Annual, Ranking by NCA (XLS)



semiannual_April_2009_byMSNbyCem[1].xls - Microsoft Excel

MSN	Cemetery Number	Cemetery Name	Category	Percentage	Ranking
1	811	FINN'S POINT NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	801	ANNAPOLIS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	819	PHILADELPHIA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	812	GRAFTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	813	INDIANTOWN GAP NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	827	BALLS BLUFF NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	824	WOODLAWN NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	818	MASSACHUSETTS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	837	COLD HARBOR NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	822	TOGUS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	805	CALVERTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	826	ALEXANDRIA NATIONAL CEMETERY, VA	Percentage of Headstones and Markers Clean	100	1
1	816	LOUDON PARK NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	839	CULPEPER NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	836	CITY POINT NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	803	BATH NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	802	BALTIMORE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	99.21875	2
1	808	CYPRESS HILLS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	86.97916667	3
1	848	GLENDALE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	917	GERALD B.H. SOLOMON SARATOGA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	912	WEST VIRGINIA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	925	NATIONAL CEMETERY OF THE ALLEGHENIES	Percentage of Headstones and Markers Clean	0	4
1	878	SEVEN PINES NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	872	QUANTICO NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	880	STAUNTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	849	HAMPTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	850	HAMPTON VA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4
1	874	RICHMOND NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	0	4

Figure 44. Level I User Report: Semi-Annual, Ranking by NCA (XLS)

Formula is the same as section 9.4

9.6. Level I: FY Report, Consolidated Assessment Results by MSN (PDF or XLS)

NCA
Gravesite Assessment Report FY 2009
MSN 1

Gravesite Assessment Report FY 2009		Headstone/Marker/Niche Cover (H/M)																										Grave			
			TYPE		G/VLD				CLEAN				HEIGHT				PLUMB				ALIGNED				PROPER HEIGHT AND ALIGNMENT				GRADE			
CEM	NAME	Sample Size	U	F	yes	no	na	Percent of H/Ms Correctly Marked	yes	no	na	Percent of H/Ms Clean	yes	no	na	Percent of H/Ms at Proper Height	yes	no	na	Percent of H/Ms Plumb	yes	no	na	Percent of H/Ms Properly Aligned	yes	no	na	Percent of H/Ms at Proper Height and Alignment	yes	no	na	Percent of Graves at Proper Grade
801	ANNAPOLIS	228	567	0	0	0	567	0.0%	514	53	0	90.7%	566	1	0	99.8%	188	21	358	90.0%	566	1	0	99.8%	188	21	358	90.0%	566	1	0	99.8%
802	BALTIMORE	768	765	3	0	0	768	0.0%	583	185	0	75.9%	756	12	0	98.4%	253	102	410	71.3%	763	5	0	99.3%	253	105	410	70.7%	624	144	0	81.3%
803	BATH	768	757	11	0	0	768	0.0%	726	42	0	94.5%	758	10	0	98.7%	345	25	387	93.2%	764	3	0	99.6%	355	26	387	93.2%	765	3	0	99.6%
804	BEVERLY	768	356	412	0	0	768	0.0%	269	492	7	35.3%	633	128	7	83.2%	0	0	356	0.0%	338	423	7	44.4%	13	397	358	3.2%	734	34	0	95.6%
805	CALVERTON	767	593	174	0	0	767	0.0%	670	97	0	87.4%	506	261	0	66.0%	355	16	222	95.7%	539	128	0	83.3%	400	145	222	73.4%	731	36	0	95.3%
808	CYPRESS HILLS	768	717	51	0	0	768	0.0%	474	290	4	62.0%	603	160	4	79.0%	312	14	391	95.7%	580	184	4	75.9%	312	65	391	82.8%	765	3	0	99.6%
811	FINN'S POINT	680	417	263	0	0	680	0.0%	669	10	1	98.5%	558	121	1	82.2%	316	13	88	96.0%	612	67	1	90.1%	504	87	89	85.3%	679	1	0	99.9%
812	GRAFTON	628	628	0	0	0	628	0.0%	531	97	0	84.6%	628	0	0	100.0%	279	12	337	95.9%	543	85	0	86.5%	279	12	337	95.9%	628	0	0	100.0%
813	INDIANTOWN GAP	768	466	302	0	0	768	0.0%	725	43	0	94.4%	510	258	0	66.4%	356	15	95	96.0%	764	4	0	99.5%	417	256	95	62.0%	693	75	0	90.2%
816	LOUDON PARK	682	678	4	0	0	682	0.0%	400	278	4	59.0%	489	189	4	72.1%	64	2	612	97.0%	354	324	4	52.2%	64	6	612	91.4%	558	123	1	81.9%
818	MASSACHUSETTS	768	384	384	0	0	768	0.0%	696	72	0	90.6%	648	120	0	84.4%	0	0	384	0.0%	579	189	0	75.4%	154	230	384	40.1%	768	0	0	100.0%
819	PHILADELPHIA	768	739	29	0	0	768	0.0%	509	112	147	82.0%	518	103	147	83.4%	0	0	739	0.0%	499	122	147	80.4%	1	0	767	100.0%	612	156	0	79.7%
822	TOGUS	714	690	24	0	0	714	0.0%	518	131	65	79.8%	591	58	65	91.1%	0	0	690	0.0%	470	179	65	72.4%	13	11	690	54.2%	648	66	0	90.8%
824	WOODLAWN	734	734	0	0	0	734	0.0%	734	0	0	100.0%	734	0	0	100.0%	0	0	734	0.0%	734	0	0	100.0%	0	0	734	0.0%	734	0	0	100.0%
826	ALEXANDRIA, VA	700	700	0	0	0	700	0.0%	689	11	0	98.4%	694	6	0	99.1%	0	0	700	0.0%	690	10	0	98.6%	0	0	700	0.0%	700	0	0	100.0%
827	BALLS BLUFF	50	50	0	0	0	50	0.0%	50	0	0	100.0%	50	0	0	100.0%	0	0	50	0.0%	46	4	0	92.0%	0	0	50	0.0%	50	0	0	100.0%
836	CITY POINT	713	713	0	0	0	713	0.0%	644	69	0	90.3%	713	0	0	100.0%	0	0	713	0.0%	699	14	0	98.0%	0	0	713	0.0%	712	1	0	99.9%
837	COLD HARBOR	505	505	0	0	0	505	0.0%	422	83	0	83.6%	488	17	0	96.6%	0	0	505	0.0%	502	3	0	99.4%	0	0	505	0.0%	505	0	0	100.0%
839	CULPEPER	734	709	25	0	0	734	0.0%	717	16	1	97.8%	601	132	1	82.0%	0	0	709	0.0%	620	113	1	84.6%	25	0	709	100.0%	717	17	0	97.7%
845	FT. HARRISON	543	286	257	0	0	543	0.0%	237	306	0	43.6%	542	1	0	99.8%	0	0	286	0.0%	284	259	0	52.3%	0	257	286	0.0%	542	1	0	99.8%
848	GLENDALE	542	297	245	0	0	542	0.0%	177	365	0	32.7%	497	45	0	91.7%	0	0	297	0.0%	258	284	0	47.6%	0	245	297	0.0%	490	52	0	90.4%
849	HAMPTON	768	384	384	0	0	768	0.0%	374	394	0	48.7%	656	112	0	85.4%	0	0	384	0.0%	382	386	0	49.7%	0	384	384	0.0%	767	1	0	99.9%
850	HAMPTON VA	44	22	22	0	0	44	0.0%	22	22	0	50.0%	43	1	0	97.7%	0	0	22	0.0%	21	23	0	47.7%	0	22	22	0.0%	44	0	0	100.0%
872	QUANTICO	768	273	495	0	0	768	0.0%	335	433	0	43.6%	732	36	0	95.3%	0	0	273	0.0%	344	424	0	44.8%	79	416	273	16.0%	673	95	0	87.6%
874	RICHMOND	709	365	344	0	0	709	0.0%	232	477	0	32.7%	647	62	0	91.3%	0	0	365	0.0%	344	365	0	48.5%	0	344	365	0.0%	707	2	0	99.7%
878	SEVEN PINES	485	286	199	0	0	485	0.0%	195	290	0	40.2%	437	48	0	90.1%	0	0	286	0.0%	272	213	0	56.1%	1	198	286	0.5%	458	27	0	94.4%
880	STAUNTON	437	260	177	0	0	437	0.0%	176	261	0	40.3%	430	7	0	98.4%	0	0	260	0.0%	239	198	0	54.7%	2	175	260	1.1%	408	29	0	93.4%
882	WINCHESTER	661	352	329	0	0	661	0.0%	250	430	1	36.8%	545	135	1	80.1%	0	0	352	0.0%	212	468	1	31.2%	0	329	352	0.0%	651	30	0	95.6%
912	WEST VIRGINIA	685	340	345	0	0	685	0.0%	312	373	0	45.5%	667	18	0	97.4%	0	0	340	0.0%	281	404	0	41.0%	0	345	340	0.0%	652	33	0	95.2%
917	GERALD B.H. SOLOMON SARATOGA	726	295	431	0	0	726	0.0%	326	400	0	44.9%	647	79	0	89.1%	0	0	295	0.0%	308	418	0	42.4%	36	395	295	8.4%	720	6	0	99.2%
925	NATIONAL CEMETERY OF THE ALLEGHENIES	625	294	331	0	0	625	0.0%	294	331	0	47.0%	625	0	0	100.0%	0	0	294	0.0%	165	460	0	26.4%	0	331	294	0.0%	625	0	0	100.0%
31	MSN I - PHILADELPHIA	19524	14622	5241	0	0	19863	0.0%	13470	6163	230	75.8%	17512	2120	230	78.6%	2468	220	11934	91.8%	13872	5760	230	76.3%	3096	4802	11965	31.6%	18926	936	1	94.6%

Figure 45. Level I User Report: FY Report, Consolidated Assessment Results by MSN (PDF)

Formula is the same as section 9.1

9.7. Level I: FY Report, Consolidated Assessment Results by NCA (PDF or XLS)

NCA

Gravesite Assessment Report

FY 2009

Gravesite Assessment Report - FY 2009		Headstone/Marker/Niche Cover (H/M)																								Grave			
		TYPE		G/VLD			Percent of H/Ms Correctly Marked	CLEAN			Percent of H/Ms Clean	HEIGHT			Percent of H/Ms at Proper Height	PLUMB			Percent of H/Ms Plumb	ALIGNED			Percent of H/Ms Properly Aligned	PROPER HEIGHT AND ALIGNMENT			Percent of H/Ms at Proper Height and Align-ment	GRADE			Percent of Graves at Proper Grade
NAME		U	F	yes	no	na	un-weighted	yes	no	na	weighted	yes	no	na	weighted	yes	no	na	un-weighted	yes	no	na	weighted	yes	no	na	weighted	yes	no	na	weighted
NATIONAL TOTALS	81,361	40265	41435	0	0	81700	0.0%	55484	25089	1127	73.6%	71379	9193	1127	82.3%	2471	224	37570	91.7%	61625	18947	1127	74.2%	30019	13755	37926	35.2%	76324	5373	3	93.3%
MSN 1 - PHILADELPHIA	19,524	14622	5241	0	0	19863	0.0%	13470	6163	230	75.8%	17512	2120	230	78.6%	2468	220	11934	91.8%	13672	5760	230	76.3%	3096	4802	11965	31.6%	18926	936	1	94.6%
MSN 2 - ATLANTA	22,730	10254	12476	0	0	22730	0.0%	17629	4681	420	78.0%	18438	3872	420	80.0%	0	0	10254	0.0%	17233	5077	420	74.2%	9644	2830	10256	35.1%	20212	2517	1	86.9%
MSN 3 - DENVER	11,510	5162	6348	0	0	11510	0.0%	7223	4097	190	67.0%	10016	1304	190	87.5%	0	0	5162	0.0%	9695	1425	190	86.4%	6230	62	5218	58.6%	11194	316	0	97.8%
MSN 4 - INDIANAPOLIS	18,151	8234	9917	0	0	18151	0.0%	8964	9183	4	59.1%	17481	666	4	92.1%	3	4	8227	42.9%	16854	1293	4	93.0%	9450	474	8227	42.9%	17313	838	0	94.8%
MSN 5 - OAKLAND	9,446	1993	7453	0	0	9446	0.0%	8198	965	283	88.6%	7932	1231	283	73.2%	0	0	1993	0.0%	3771	5392	283	41.1%	1599	5587	2260	15.5%	8679	766	1	93.8%

*Data were weighted at the National and MSN levels to be proportionate to actual gravesite populations and NA's were excluded from analysis. The weighted figure represents NCA's and each of the MSN's performance level.

Figure 46. Level I User Report: FY Report, Consolidated Assessment Results by NCA (PDF)

Formula is the same as section 9.2

9.8. Level I: Fiscal Year Annual Report, National Totals by MSN (XLS)

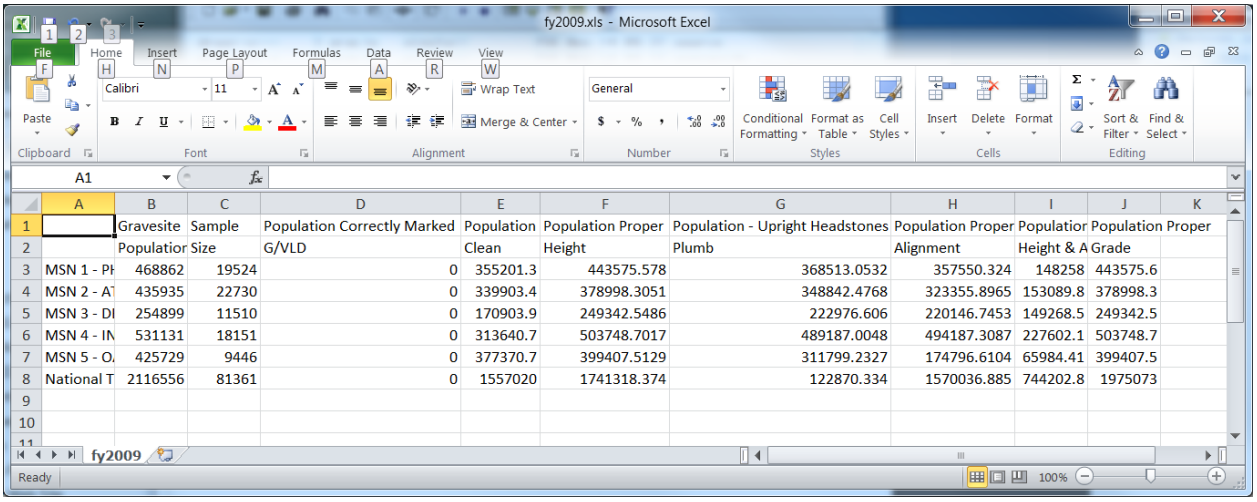
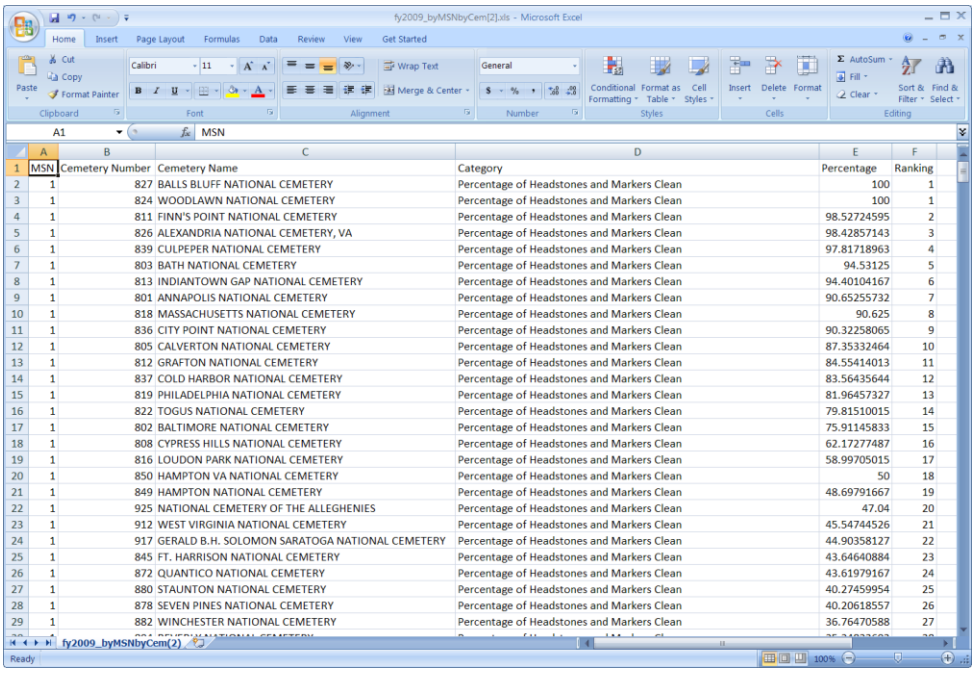


Figure 47. Level I User Report: Fiscal Year Annual Report, National Totals by MSN (XLS)

Formula is the same as section 9.3.

9.9. Level I: Fiscal Year Annual Report, Ranking by MSN (XLS)

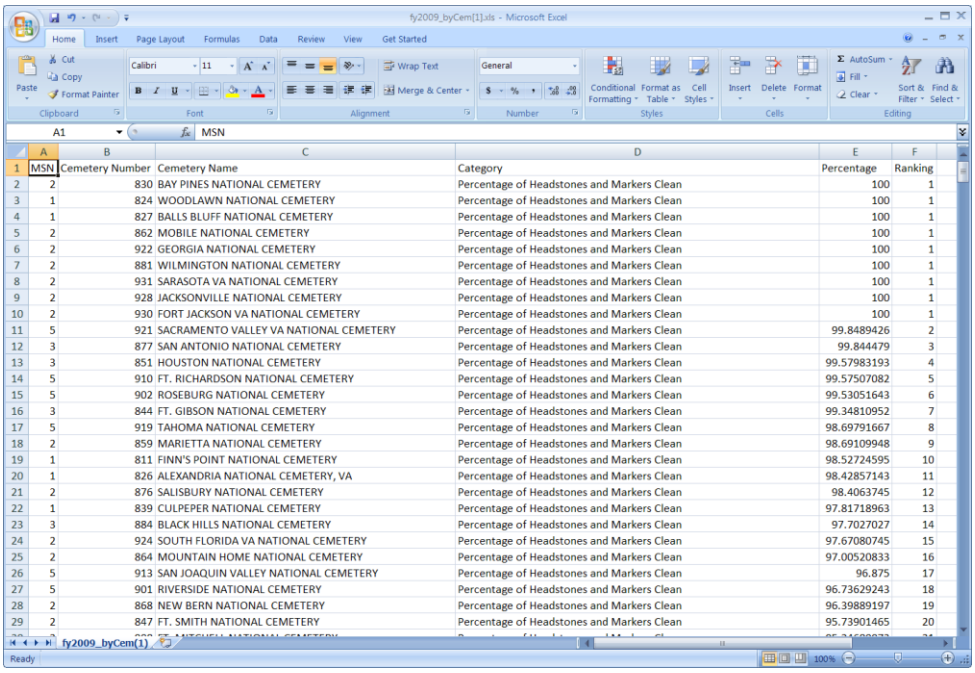


MSN	Cemetery Number	Cemetery Name	Category	Percentage	Ranking
1	827	BALLS BLUFF NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	824	WOODLAWN NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	811	FINN'S POINT NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	98.52724595	2
1	826	ALEXANDRIA NATIONAL CEMETERY, VA	Percentage of Headstones and Markers Clean	98.42857143	3
1	839	CULPEPER NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	97.81718963	4
1	803	BATH NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	94.53125	5
1	813	INDIANTOWN GAP NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	94.40104167	6
1	801	ANNAPOLIS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	90.65255732	7
1	818	MASSACHUSETTS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	90.625	8
1	836	CITY POINT NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	90.32258065	9
1	805	CALVERTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	87.35332464	10
1	812	GRAFTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	84.55414013	11
1	837	COLD HARBOR NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	83.56435644	12
1	819	PHILADELPHIA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	81.96457327	13
1	822	TOGUS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	79.81510015	14
1	802	BALTIMORE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	75.91145833	15
1	808	CYPRESS HILLS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	62.17277487	16
1	816	LOUDON PARK NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	58.99705015	17
1	850	HAMPTON VA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	50	18
1	849	HAMPTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	48.69791667	19
1	925	NATIONAL CEMETERY OF THE ALLEGHENIES	Percentage of Headstones and Markers Clean	47.04	20
1	912	WEST VIRGINIA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	45.54744526	21
1	917	GERALD B.H. SOLOMON SARATOGA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	44.90358127	22
1	845	FT. HARRISON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	43.64640884	23
1	872	QUANTICO NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	43.61979167	24
1	880	STAUNTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	40.27459954	25
1	878	SEVEN PINES NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	40.20618557	26
1	882	WINCHESTER NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	36.76470588	27

Figure 48. Level I User Report: Fiscal Year Annual Report, Ranking by MSN (XLS)

Formula is the same as section 9.4.

9.10. Level I: Fiscal Year Annual Report, Ranking by NCA (XLS)



MSN	Cemetery Number	Cemetery Name	Category	Percentage	Ranking
2	830	BAY PINES NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	824	WOODLAWN NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
1	827	BALLS BLUFF NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
2	862	MOBILE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
2	922	GEORGIA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
2	881	WILMINGTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
2	931	SARASOTA VA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
2	928	JACKSONVILLE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
2	930	FORT JACKSON VA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	100	1
5	921	SACRAMENTO VALLEY VA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	99.8489426	2
3	877	SAN ANTONIO NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	99.844479	3
3	851	HOUSTON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	99.57983193	4
5	910	FT. RICHARDSON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	99.57507082	5
5	902	ROSEBURG NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	99.53051643	6
3	844	FT. GIBSON NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	99.34810952	7
5	919	TAHOMA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	98.69791667	8
2	859	MARIETTA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	98.69109948	9
1	811	FINN'S POINT NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	98.52724595	10
1	826	ALEXANDRIA NATIONAL CEMETERY, VA	Percentage of Headstones and Markers Clean	98.42857143	11
2	876	SALISBURY NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	98.4063745	12
1	839	CULPEPER NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	97.81718963	13
3	884	BLACK HILLS NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	97.7027027	14
2	924	SOUTH FLORIDA VA NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	97.67080745	15
2	864	MOUNTAIN HOME NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	97.00520833	16
5	913	SAN JOAQUIN VALLEY NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	96.875	17
5	901	RIVERSIDE NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	96.73629243	18
2	868	NEW BERN NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	96.39889197	19
2	847	FT. SMITH NATIONAL CEMETERY	Percentage of Headstones and Markers Clean	95.73901465	20

Figure 49. Level I User Report: Fiscal Year Annual Report, Ranking by NCA (XLS)

Figure 50. Formula is the same as section 9.4.

9.11. Level I: Cemetery Assessment Results (PDF or XLS)

	TYPE		Sample Size	G/VLD			% Correct	Clean			% Clean	Height			% Height	Plumb			% Plumb	Aligned			% Aligned	Grade			% Grade
Cemetery	U	F		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A	
CALVERTON NATIONAL CEMETERY	383	0	383	0	0	383	-	383	0	0	100.0%	383	0	0	100.0%	355	16	12	95.69%	383	0	0	100.0%	383	0	0	100.0%
				383				383				383				383				383				383			

National Cemetery Gravesite Assessment Results (805)

Found a total of 383 Sample Graves.

							TYPE		G/VLD			CLEAN			HEIGHT			PLUMB		ALIGNED			GRADE			
Sect	Row	Site	First	Middle	Last	Suffix	U	F	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Front	Side	Yes	No	N/A	Yes	No	N/A	Comments
1	0	175	JAMES	P	ARGYROS		*				*	*			*			A	A	*			*			
1	0	815	MARY		CUCCARO		*				*	*			*			A	A	*			*			
1	0	1008	PETER	J	BOGDEN		*				*	*			*			A	A	*			*			
1	0	1394	NOVE	P	LAUREL		*				*	*			*			A	A	*			*			
1	0	1706	RAMON	DE JESUS	MELENDEZ		*				*	*			*			A	A	*			*			
2	0	600	GEORGE	J	WILD		*				*	*			*			A	B	*			*			
2	0	1075	GEORGE	E	GREENIDGE		*				*	*			*			A	A	*			*			
2	0	1545	WILLIE	W	HUDSON		*				*	*			*			A	A	*			*			
2	0	1708	JAMES	E	PENNINGTON		*				*	*			*			A	A	*			*			
3	0	711	DONALD	F	PUGLIESE		*				*	*			*			A	A	*			*			
3	0	963	BARNEY		ZISKA		*				*	*			*			A	A	*			*			
3	0	1679	VARISE	J	WALLER		*				*	*			*			A	A	*			*			
4	0	1394	MORRIS		CHARTOW		*				*	*			*			A	A	*			*			
4	0	2011	JOHN	F	HILKE		*				*	*			*			A	A	*			*			
4	0	2316	MICHAEL	G	HENCHY		*				*	*			*			A	A	*			*			
4	0	3178	ISAIAH		COOKE		*				*	*			*			A	A	*			*			
4	0	3238	WILLIAM		FERRIS		*				*	*			*			A	A	*			*			
4	0	3407	ROBERT	J	CHEEKS		*				*	*			*			A	A	*			*			
4A	0	1224	THOMAS	J	REINERT		*				*	*			*			A	A	*			*			
4A	0	1702	BERNARD		CARROLL		*				*	*			*			A	A	*			*			
4A	0	2149	PHILLIP	C	DONNELLY		*				*	*			*			A	A	*			*			
4A	0	2765	WEBSTER	N	MOORE		*				*	*			*			A	B	*			*			
4A	0	2915	COSMO		LUCANIA		*				*	*			*			A	A	*			*			
4A	0	3020	LETTIE	E	DIXON		*				*	*			*			A	A	*			*			
4A	0	3202	CHARLES	A	BERNZOTT		*				*	*			*			A	A	*			*			
4A	0	3252	FRANCIS	J	CONNOLLY		*				*	*			*			A	A	*			*			
4A	0	3474	ADDIE		INMAN		*				*	*			*			A	A	*			*			
5	0	626	WILLIAM		HUNT		*				*	*			*			A	A	*			*			
5	0	793	RITA	V	LEAVEY		*				*	*			*					*			*			

Figure 51. Level I User Report: Cemetery Assessment Results (PDF)

Formula for the % column is the same as section 9.1. The rest of the columns are taken from the database based on what was entered by end-user.

9.12. Level I: Cemetery Assessment Status

Gravesite Assessment Status for MSN 1

DONE	STATION	CEMETERY NAME	CITY	STATE
227/227	801	ANNAPOLIS NATIONAL CEMETERY	ANNAPOLIS	MD
381/384	802	BALTIMORE NATIONAL CEMETERY	BALTIMORE	MD
Y	803	BATH NATIONAL CEMETERY	BATH	NY
0/384	804	BEVERLY NATIONAL CEMETERY	BEVERLY	NJ
Y	805	CALVERTON NATIONAL CEMETERY	CALVERTON	NY
334/384	808	CYPRESS HILLS NATIONAL CEMETERY	BROOKLYN	NY
340/340	811	FINN'S POINT NATIONAL CEMETERY	SALEM	NJ
Y	812	GRAFTON NATIONAL CEMETERY	GRAFTON	WV
Y	813	INDIANTOWN GAP NATIONAL CEMETERY	ANNVILLE	PA
319/319	816	LOUDON PARK NATIONAL CEMETERY	BALTIMORE	MD
Y	818	MASSACHUSETTS NATIONAL CEMETERY	BOURNE	MA
384/384	819	PHILADELPHIA NATIONAL CEMETERY	PHILADELPHIA	PA

Figure 52. Level I User Report: Cemetery Assessment Status

9.13. Level II: Cemetery Assessment Results

	TYPE		Sample Size	G/VLD			% Correct	Clean			% Clean	Height			% Height	Plumb			% Plumb	Aligned			% Aligned	Grade			% Grade
Cemetery	U	F		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A	
BALTIMORE NATIONAL CEMETERY	381	3	384	0	0	384	-	381	3	0	99.22%	384	0	0	100.0%	253	102	26	71.27%	381	3	0	99.22%	384	0	0	100.0%
				384				384				384				381				384				384			

National Cemetery Gravesite Assessment Results (802)

Found a total of 384 Sample Graves.

							TYPE		G/VLD			CLEAN			HEIGHT			PLUMB		ALIGNED			GRADE			
Sect	Row	Site	First	Middle	Last	Suffix	U	F	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Front	Side	Yes	No	N/A	Yes	No	N/A	Comments
2C	0	238	PAUL	S	HRICIK			*			*		*		*						*		*			
A	0	38E	THOMAS	M	FITZPATRICK		*				*	*			*			A	A	*			*			
A	0	54W	JOHN	HENRY	CLARY		*				*	*			*			A	A	*			*			
A	0	126E	AUTRY	H	HALES			*			*		*		*						*		*			
A	0	162E	JAMES	WALLACE	GRACIE			*			*		*		*						*		*			
A	0	166W	RUTH	A	KATZ		*				*	*			*			A	B	*			*			
A	0	199W	MABEL		SCHLATZER		*				*	*			*			A	A	*			*			
A	0	210A	MARY	ANN	SIGLER		*				*	*			*			A	A	*			*			
A	0	277W	HERMAN	W	GUNTHER		*				*	*			*			A	A	*			*			
A	0	346E	THEODORE	L E	DIEGERT		*				*	*			*			A	A	*			*			
A	0	358W	ANNE	G	BRIGHAM		*				*	*			*			A	A	*			*			
A	0	499W	SELMA	O	SCHUELE		*				*	*			*					*			*			
A	0	500E	MABEL	F	REEDER		*				*	*			*			A	A	*			*			
A	0	508W	MARGARET	J	LANDING		*				*	*			*			A	A	*			*			
A	0	512E	EVERETT	CHAPLIN	ALLEN		*				*	*			*			A	A	*			*			
B	0	356	JAMES	W	SNOWDEN		*				*	*			*			A	A	*			*			
B	0	636	MARY	L	SMITH		*				*	*			*			A	A	*			*			
B	0	648	GLADYS		JACKSON		*				*	*			*			B	A	*			*			
B	0	780	FRANK	RONALD	MANELLO		*				*	*			*			A	A	*			*			
B	0	889	JOHN	S	BRANAN	JR	*				*	*			*			A	A	*			*			
C	0	15	DOROTHY	D	HUTCHINSON		*				*	*			*			A	A	*			*			
C	0	30	MORRIS	P	RODGERS		*				*	*			*			A	A	*			*			
C	0	730	IRVIN	RAY	DUBENDORF		*				*	*			*			A	A	*			*			
D	0	1091	LUCY	M	FRERE		*				*	*			*					*			*			
D	0	1146	ELIZABETH	K	SYNDER		*				*	*			*			A	A	*			*			
D	0	1265	EDWARD	M	BENNETT	JR	*				*	*			*			A	A	*			*			

Figure 53. Level II User Report: Cemetery Assessment Results

9.14. Level II: Cemetery Assessment Status

Gravesite Assessment Status for MSN 1

DONE	STATION	CEMETERY NAME	CITY	STATE
227/227	801	ANNAPOLIS NATIONAL CEMETERY	ANNAPOLIS	MD
381/384	802	BALTIMORE NATIONAL CEMETERY	BALTIMORE	MD
Y	803	BATH NATIONAL CEMETERY	BATH	NY
0/384	804	BEVERLY NATIONAL CEMETERY	BEVERLY	NJ
Y	805	CALVERTON NATIONAL CEMETERY	CALVERTON	NY
334/384	808	CYPRESS HILLS NATIONAL CEMETERY	BROOKLYN	NY
340/340	811	FINN'S POINT NATIONAL CEMETERY	SALEM	NJ
Y	812	GRAFTON NATIONAL CEMETERY	GRAFTON	WV
Y	813	INDIANTOWN GAP NATIONAL CEMETERY	ANNVILLE	PA
319/319	816	LOUDON PARK NATIONAL CEMETERY	BALTIMORE	MD
Y	818	MASSACHUSETTS NATIONAL CEMETERY	BOURNE	MA
384/384	819	PHILADELPHIA NATIONAL CEMETERY	PHILADELPHIA	PA

Figure 54. Level II User Report: Cemetery Assessment Status

9.15. Level III: Cemetery Assessment Worksheet

	TYPE		Sample Size	G/VLD			% Correct	Clean			% Clean	Height			% Height	Plumb			% Plumb	Aligned			% Aligned	Grade			% Grade
Cemetery	U	F		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A		Yes	No	N/A	
BALTIMORE NATIONAL CEMETERY	381	3	384	0	0	384	-	381	3	0	99.22%	384	0	0	100.0%	253	102	26	71.27%	381	3	0	99.22%	384	0	0	100.0%
				384				384				384				381				384				384			

National Cemetery Gravesite Assessment Results (802)

Found a total of 384 Sample Graves.

							TYPE		G/VLD			CLEAN			HEIGHT			PLUMB		ALIGNED			GRADE			
Sect	Row	Site	First	Middle	Last	Suffix	U	F	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Front	Side	Yes	No	N/A	Yes	No	N/A	Comments
2C	0	238	PAUL	S	HRICIK			*			*		*		*						*		*			
A	0	38E	THOMAS	M	FITZPATRICK		*				*	*			*			A	A	*			*			
A	0	54W	JOHN	HENRY	CLARY		*				*	*			*			A	A	*			*			
A	0	126E	AUTRY	H	HALES			*			*		*		*						*		*			
A	0	162E	JAMES	WALLACE	GRACIE			*			*		*		*						*		*			
A	0	166W	RUTH	A	KATZ		*				*	*			*			A	B	*			*			
A	0	199W	MABEL		SCHLATZER		*				*	*			*			A	A	*			*			
A	0	210A	MARY	ANN	SIGLER		*				*	*			*			A	A	*			*			
A	0	277W	HERMAN	W	GUNTHER		*				*	*			*			A	A	*			*			
A	0	346E	THEODORE	L E	DIEGERT		*				*	*			*			A	A	*			*			
A	0	358W	ANNE	G	BRIGHAM		*				*	*			*			A	A	*			*			
A	0	499W	SELMA	O	SCHUELE		*				*	*			*					*			*			
A	0	500E	MABEL	F	REEDER		*				*	*			*			A	A	*			*			
A	0	508W	MARGARET	J	LANDING		*				*	*			*			A	A	*			*			
A	0	512E	EVERETT	CHAPLIN	ALLEN		*				*	*			*			A	A	*			*			
B	0	356	JAMES	W	SNOWDEN		*				*	*			*			A	A	*			*			
B	0	636	MARY	L	SMITH		*				*	*			*			A	A	*			*			
B	0	648	GLADYS		JACKSON		*				*	*			*			B	A	*			*			
B	0	780	FRANK	RONALD	MANELLO		*				*	*			*			A	A	*			*			
B	0	889	JOHN	S	BRANAN	JR	*				*	*			*			A	A	*			*			
C	0	15	DOROTHY	D	HUTCHINSON		*				*	*			*			A	A	*			*			
C	0	30	MORRIS	P	RODGERS		*				*	*			*			A	A	*			*			
C	0	730	IRVIN	RAY	DUBENDORF		*				*	*			*			A	A	*			*			
D	0	1091	LUCY	M	FRERE		*				*	*			*					*			*			
D	0	1146	ELIZABETH	K	SYNDER		*				*	*			*			A	A	*			*			
D	0	1265	EDWARD	M	BENNETT	JR	*				*	*			*			A	A	*			*			

Figure 55. Level III User Report: Cemetery Assessment Worksheets

9.16 Semi-Annual Out of Plumb Report MSN

NCA
Out of Plumb Report
MSN I

Out of Plumb Report Plumb = 89-90 Degrees April 2009		Total Upright Head stones Y+N	Total Upright Headstones Out of Plumb		B (88.0 -88.9 Degrees)		C (87.0-87.9 Degrees)		D (<86.9)	
CEM	NAME		Count	Percent	Count	Percent	Count	Percent	Count	Percent
801	ANNAPOLIS	209	21	10.0%	21	10.0%	0	0.0%	0	0.0%
802	BALTIMORE	355	102	28.7%	102	28.7%	0	0.0%	0	0.0%
803	BATH	370	25	6.8%	25	6.8%	0	0.0%	0	0.0%
804	BEVERLY	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
805	CALVERTON	371	16	4.3%	16	4.3%	0	0.0%	0	0.0%
808	CYPRESS HILLS	326	14	4.3%	14	4.3%	0	0.0%	0	0.0%
811	FINN'S POINT	329	13	4.0%	13	4.0%	0	0.0%	0	0.0%
812	GRAFTON	291	12	4.1%	12	4.1%	0	0.0%	0	0.0%
813	INDIANTOWN GAP	371	15	4.0%	15	4.0%	0	0.0%	0	0.0%
816	LOUDON PARK	66	2	3.0%	2	3.0%	0	0.0%	0	0.0%
818	MASSACHUSETTS	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
819	PHILADELPHIA	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
822	TOGUS	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
824	WOODLAWN	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
826	ALEXANDRIA, VA	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
827	BALLS BLUFF	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
836	CITY POINT	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
837	COLD HARBOR	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
839	CULPEPER	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
845	FT. HARRISON	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
848	GLENDALE	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
849	HAMPTON	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
850	HAMPTON VA	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
872	QUANTICO	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
874	RICHMOND	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
878	SEVEN PINES	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
880	STAUNTON	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
882	WINCHESTER	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
912	WEST VIRGINIA	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
917	GERALD B.H. SOLOMON SARATOGA	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
925	NATIONAL CEMETERY OF THE ALLEGHENIES	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
31	**MSN I - PHILADELPHIA**	2688	220	8.2%	220	8.2%	0	0.0%	0	0.0%

Figure 56. Semi-Annual Out of Plumb Report MSN

9.17 Semi-Annual Out of Plumb Report NCA

NCA
Out of Plumb Report
October 2009

Out of Plumb Report Plumb = 89-90 Degrees October 2009	Total Upright Headstones Y+N	Total Upright Headstones Out of Plumb		B (88.0 -88.9 Degrees)		C (87.0-87.9 Degrees)		D (<86.9)	
NAME		Count	Percent	Count	Percent	Count	Percent	Count	Percent
NATIONAL TOTALS	17	12	70.6%	1	5.9%	8	47.1%	3	17.6%
MSN 1 - PHILADELPHIA	14	11	78.6%	1	7.1%	7	50.0%	3	21.4%
MSN 2 - ATLANTA	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
MSN 4 - INDIANAPOLIS	3	1	33.3%	0	0.0%	1	33.3%	0	0.0%
MSN 5 - OAKLAND	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Figure 57. Semi-Annual Out of Plumb Report NCA

9.18 Cemetery Out of Plumb Report

	Total Upright Headstones Y+N	Total Upright Headstones Out of Plumb		B (88.0 -88.9 Degrees)		C (87.0-87.9 Degrees)		D (<86.9)	
Cemetery		Count	Percent	Count	Percent	Count	Percent	Count	Percent
CALVERTON NATIONAL CEMETERY	13	10	76.92%	1	7.69%	7	53.85%	2	15.38%

National Cemetery Out of Plumb Report (805)
Found a total of 10 Grave(s) Out of Plumb.

							PLUMB		
Sect	Row	Site	First	Middle	Last	Suffix	Front	Side	Comments
1	0	2	CHARLES		ABLE		C	D	
1	0	5	JAMES		DEAN		C	B	MISMARKED
1	0	11	ACTIVE	DUTY	VETERAN		D	B	
1	0	14	ERIK		COOK		C	C	
1	0	15	ACTIVETWO	TEST	VETERAN		B	B	AWAITING REPLACEMENT
1	0	18	REPLACEMENT		MONUMENT		C	B	
23	0	23	DANIEL	W	WILSON		C	C	
100	0	2	FAYE		NEWTEST		C	B	
100	0	10	JERRY		TEST		C	C	
DD	0	110	NEW	ROLE	TEST		A	C	

Figure 58. Cemetery Out of Plumb Report

10. Appendix D: Glossary of Terms

Table 2. Appendix – Glossary of Terms

Term	Meaning
BOSS	Burial Operations Support System
BPIS	Business Process Improvement Service
GAR	Gravesite Assessment Reporting

11. Appendix E: Gravesite Assessment Criteria

HEADSTONE/MARKER CLEANLINESS
HEADSTONE/MARKER HEIGHT AND ALIGNMENT
SUNKEN GRAVES

Headstone/Marker Cleanliness

- The headstone or marker contains NO environmental deposits, such as mold, mildew, moss, algae, lichen, dirt/mud, grass clippings, grass marks, thatch, accumulation of dried bird droppings, or tire marks and scuffs as a result of cemetery operations.
    - **NOTE: Headstones that have undergone a raise/realignment project may present a soiled appearance due to mineral absorption into that part of the headstone previously below grade. In some cases, this discoloration is permanent and cannot be removed by cleaning the headstone. In these situations a permanent discoloration is considered a natural occurrence and will not result in the standard not being met.**
- The inscription is not obscured by any of the conditions above.
- The natural surface has been retained. The headstone or marker has not been painted, whitewashed, calcimined or polished.
- The surface of the headstone/marker presents a uniform appearance.

Headstone/Marker Height and Alignment

Upright Headstones

- Set at a nominal height of 24 inches from the finished grade to the top of the arc. A range of 24 – 26 inches in height is acceptable.
    - **NOTE**: **Where headstones have been previously set at other heights above grade, but in general are at a uniform height throughout an area and otherwise present an overall appearance with the inscription visible, the standard is considered met. The nominal height of 24 inches given for the current standard of headstone setting is the average height.**
- Old Boys, Civil War, Spanish/American War and Civil War Unknown (6 x 6) Headstones/Markers.
    - Upright type (35 inches x 10 inches x 2 inches); set 16 -18 inches out of ground.
    - Unknown type (30 inches x 6 inches x 6 inches); set 12 inches out of ground.
- Minor deviations are permissible to provide a fair and pleasing top line and to compensate for slight ground rises or depressions within a burial section.
- The headstone is in vertical and horizontal alignment and plumb as defined by 89° - 90° --the headstone does not appear to be sunken, tilted or fallen, AND
- The headstone is aligned laterally, transversely and diagonally with other headstones in the section.
- The entire inscription is visible.

Flat Markers

- Markers are parallel with the ground and no more than one inch above ground level.
- The marker is aligned laterally, transversely and diagonally with other markers in the section.
- The entire inscription is visible.
- Bronze plaques installed on the top of a flat base are horizontally and vertically aligned.

Sunken Graves

- The grade of the gravesite is level and blends with the grade level of adjacent gravesites.