PROGRAM

SPECIFICATIONS

Public and Indian Housing
Real Estate Assessment Center
Resident Assessment Subsystem (RASS)
Release 8.4.0.0

U.S. Department of Housing and Urban Development

August 202004
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I have carefully assessed the Program Specifications for the Resident Assessment Subsystem (RASS) Release 8.4.0.0. This document has been completed in accordance with the requirements of the HUD System Development Methodology.

MANAGEMENT CERTIFICATION - Please check the appropriate statement.

_____ The document is accepted.

_____ The document is accepted pending the changes noted.

_____ The document is not accepted.

We fully accept the changes as needed improvements and authorize initiation of work to proceed. Based on our authority and judgment, the continued operation of this system is authorized.

_______________________________ _____________________
Delton Nichols                     DATE
RASS Project Manager

_______________________________ _____________________
Yangja Lee                         DATE
RASS GTM/IT Manager
# PROGRAM SPECIFICATIONS

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### 15. RASS GET PHA INFORMATION STORED PROCEDURE

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<td>15.1.4</td>
<td>Timing ...............................................................15-2</td>
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<td>15.1.5</td>
<td>Adaptability .....................................................15-2</td>
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<td>15.2</td>
<td>Environment .......................................................15-3</td>
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   16.1.1 Software Unit Description ....................................................................................................16-1
   16.1.2 Software Unit ........................................................................................................................16-1
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   16.2 Environment ..............................................................................................................................16-2
      16.2.1 Support Software Environment .........................................................................................16-2
      16.2.2 Interfaces ............................................................................................................................16-2
      16.2.3 Storage ................................................................................................................................16-2
         16.2.3.1 Internal Storage ...........................................................................................................16-3
         16.2.3.2 Device Storage ............................................................................................................16-3
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      16.3.1 Input ....................................................................................................................................16-4
         16.3.1.1 Input Records ...............................................................................................................16-4
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      16.3.2 Output ..................................................................................................................................16-4
         16.3.2.1 Output Records ............................................................................................................16-4
         16.3.2.2 Output Data Elements ...............................................................................................16-4
   16.3.3 Software Relationships ...........................................................................................................16-4
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Appendix A: Screen Navigation Diagram ..........................................................................................A-1
1.0 GENERAL INFORMATION
1. GENERAL INFORMATION

1.1 Purpose

The RASS Release 8.4.0.0 Department of Housing and Urban Development (HUD) System Development Methodology (SDM) Program Specifications Document is one of five HUD SDM Design Phase deliverable. This series of HUD SDM Design Phase deliverable includes the System/Subsystem Specifications; Program Specifications; Validation, Verification and Testing (VVT) Plan; Training Plan; and Database Specifications.

This document outlines Program Specifications for RASS Release 8.4.0.0. This release will include:

- Updating the Implementation Plan functionality to ensure that PHAs perform all their activities within a specified timeframe.
- A new At-Risk PHA report to pull up a list of PHAs for a given field office, that are at risk of failing RASS.
- Enhancement to the scoring process to automatically assign last year’s scores for selected PHAs.
- Upgrades to reports to support changes in PHAS regulation such as the Small PHA Deregulation Rule and FYE changes.
- Enhancement to the Demographic report to display PHA level survey section scores by a resident’s age and gender.
- Enhancement to the PHA History report to display the total number of units, the number of low rent units, the number of Section 8 units and the number of occupied units for a PHA and update the Follow-up plan certification information.
- Standardizing RASS component access dates.
- Fixing the count for undeliverable addresses on the Required Survey Size Threshold report.
- Fixing the Comment functionality on the Review/Approve PHA Scores report.
- Removal of the consortia functionality from the system because the calculation of a consortia PHAs score is being moved outside the PIH-REAC’s Secure Systems.

1.2 Scope

RASS Release 8.4.0.0 will expand on RASS Release 8.3.1.0 functionality and will be implemented by December 17, 2004. The following table describes the functionality to be implemented.

<table>
<thead>
<tr>
<th>New Capabilities (High Level)</th>
</tr>
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<tbody>
<tr>
<td>1. Update the RASS Implementation Plan Activity functionality to ensure that PHAs perform activities to implement the survey close to the defined Implementation Plan window.</td>
</tr>
<tr>
<td>2. Create an At-Risk PHA report to pull up a list of PHAs for a selected field office that is at risk of failing RASS.</td>
</tr>
<tr>
<td>3. Enhance the scoring process to provide the capability to automatically assign last year’s survey scores for a selected PHA.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Upgraded Capability (High Level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>
1.0 General Information

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Update reports to support the changes to the PHAS regulations such as the Small PHA Deregulation Rule and FYE changes.</td>
</tr>
<tr>
<td>2.</td>
<td>Expand the Demographic report to display PHA level survey section scores by a resident’s age and gender.</td>
</tr>
<tr>
<td>3.</td>
<td>Enhance the PHA History Report to display the total number of units, the number of low rent units, the number of Section 8 units, the number of occupied units for a PHA and update the Follow-up Plan certification information column to display “Not Required” if the Follow-Up Plan certification is not required.</td>
</tr>
</tbody>
</table>

### Elimination of Deficiencies

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Standardize the RASS Component access dates by implementing the same logic for inserting the certification window dates and the logic for verification against dates for all three components.</td>
</tr>
<tr>
<td>2.</td>
<td>Fix the undeliverable address count calculation on the Required Survey Size Threshold Report to only display the counts for selected FYE.</td>
</tr>
<tr>
<td>3.</td>
<td>Fix the Comment functionality on the Review/Approve PHA Scores report to work with special characters.</td>
</tr>
</tbody>
</table>

### Elimination/Reduction of Capabilities No Longer Needed

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Update the RASS online system to remove the consortia functionality as the calculation of a consortia PHAs score is being moved outside the PIH-REAC's Secure Systems.</td>
</tr>
</tbody>
</table>

1.3 System Overview

RASS supports the Customer Service and Satisfaction Survey, which is the fourth indicator in HUD’s Public Housing Assessment System (PHAS) Rule.

The following table identifies the system environment for RASS Release 8.4.0.0:

<table>
<thead>
<tr>
<th>System Environment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>System</td>
<td>Real Estate Assessment Center System (REACS)</td>
</tr>
<tr>
<td>Subsystem</td>
<td>Resident Assessment Subsystem (RASS).</td>
</tr>
<tr>
<td>Sponsor</td>
<td>Public and Indian Housing – Real Estate Assessment Center (REAC)</td>
</tr>
<tr>
<td>PCAS</td>
<td>00307680</td>
</tr>
<tr>
<td>System Code</td>
<td>P089</td>
</tr>
<tr>
<td>System Category</td>
<td>Non-major</td>
</tr>
<tr>
<td>Operational Status</td>
<td>Operational</td>
</tr>
<tr>
<td>System Environment</td>
<td>Web Based</td>
</tr>
<tr>
<td>Requirements</td>
<td>Quality Software Services, Inc. (QSSI)</td>
</tr>
<tr>
<td>Design</td>
<td>QSSI</td>
</tr>
<tr>
<td>Development</td>
<td>QSSI</td>
</tr>
<tr>
<td>System and Integration Testing</td>
<td>QSSI</td>
</tr>
<tr>
<td>User Acceptance Testing</td>
<td>HUD RASS Client Team</td>
</tr>
<tr>
<td>Deployment</td>
<td>QSSI with REAC DCG (Paradigm Soln/ Booz-Allen &amp; Hamilton)</td>
</tr>
<tr>
<td>Maintenance</td>
<td>QSSI</td>
</tr>
</tbody>
</table>

The following table identifies and briefly describes the different users of RASS:
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<table>
<thead>
<tr>
<th>User Environment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REAC RASS Business Team</td>
<td>The REAC RASS Business Team uses RASS to view PHA and development-level scoring and certification reports and Multifamily Survey result information. The team also uses the system to complete the various processes (Unit Address Sampling; Implementation Plan; Survey and Follow-up Plan Scoring; RASS Score Approval) required during resident assessment.</td>
</tr>
<tr>
<td>Public Housing Agency (PHA)</td>
<td>PHA(s) use RASS to participate annually in the Resident Assessment process. PHA(s) certify their unit addresses, complete an Implementation Plan for resident notification about the annual resident survey process, and complete a Follow-up Plan outlining sources of funding and dates to be completed for required areas (low-scoring survey sections) identified by the resident survey results. PHA(s) may also use the system to view survey result and resident response rate information.</td>
</tr>
<tr>
<td>Survey Administrator</td>
<td>After the sampling program has generated a file of units to be surveyed, RASS downloads the sample file to the Survey Administrator. The Survey Administrator distributes the RASS survey to the units indicated in the sample file. Once the Survey Administrator collects and analyzes survey data, the survey results and response rate information are uploaded in RASS from the Survey Administrator so that PHA(s) and Multifamily Owners/Agents may view this information.</td>
</tr>
<tr>
<td>Multifamily (MF) Owners/Agents</td>
<td>MF Owners/Agents use RASS to view survey result information for their assigned properties.</td>
</tr>
<tr>
<td>Other HUD Users (includes HUD PIH Field Offices)</td>
<td>All other HUD users have read-only access to RASS in order to review PHA and Multifamily Housing development or property level survey result information.</td>
</tr>
</tbody>
</table>

1.4 Project References

The following documents are available to provide a comprehensive understanding of the resident assessment process. Most documents are available via the REAC Document Library. Additionally, several of the documents listed below are available through the PHA Resident Assessment Internet site at http://www.hud.gov/offices/reac/products/prodrass.cfm

**Release 8.4.0.0**

- “RASS Release 8.4.0.0 Unit Test Plan”, QSSI, 07/28/04
- “RASS Release 8.4.0.0 System-Subsystem Specification”, QSSI, 07/28/04
- “RASS Release 8.4.0.0 Validation, Verification and Testing Plan”, QSSI, 07/28/04
- “RASS Release 8.4.0.0 Data Requirements Document”, QSSI, 07/20/04
- “RASS Release 8.4.0.0 System Support & Acquisition Plan”, QSSI, 07/20/04
- “RASS Release 8.4.0.0 Functional Requirements Document”, QSSI, 07/20/04
- “RASS Release 8.4.0.0 System Security & Privacy Plan”, QSSI, 07/20/04
- “RASS Release 8.4.0.0 Needs Statement”, QSSI, 06/30/04
- “RASS Release 8.4.0.0 Project Plan”, QSSI, 06/30/04
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- "RASS Release 8.4.0.0 Feasibility Study”, QSSI, 06/30/04
- "RASS Release 8.4.0.0 Cost/Benefit Analysis”, QSSI, 06/30/04
- "RASS Release 8.4.0.0 System Decision Paper”, QSSI, 06/30/04
- "RASS Release 8.4.0.0 Risk Analysis”, QSSI, 06/30/04

Release 8.3.0.0

- "RASS Release 8.3.0.0 User’s Manual”, QSSI, 06/11/04
- "RASS Release 8.3.0.0 Maintenance Manual”, QSSI, 06/11/04
- "RASS Release 8.3.0.0 Operations Manual”, QSSI, 06/11/04
- "RASS Release 8.3.0.0 System Test Results and Evaluation Report”, QSSI, 04/15/04
- "RASS Release 8.3.0.0 Validation, Verification, and Testing Plan”, QSSI, 03/16/04
- "RASS Release 8.3.0.0 Training Plan”, QSSI, 03/16/04
- "RASS Release 8.3.0.0 System-Subsystem Specifications”, QSSI, 03/16/04
- "RASS Release 8.3.0.0 Program Specifications”, QSSI, 03/16/04
- "RASS Release 8.3.0.0 Database Specification”, QSSI, 03/16/04
- "RASS Release 8.3.0.0 Unit Test Plan”, QSSI, 03/09/04
- "RASS Release 8.3.0.0 Data Requirements Document”, QSSI, 12/19/03.
- "RASS Release 8.3.0.0 Functional Requirements Document”, QSSI, 12/19/03.
- "RASS Release 8.3.0.0 System Support & Acquisition Plan”, QSSI, 12/19/03.
- "RASS Release 8.3.0.0 System Security & Privacy Plan”, QSSI, 12/19/03.
- "RASS Release 8.3.0.0 Needs Statement”, QSSI, 12/09/03.
- "RASS Release 8.3.0.0 Project Plan”, QSSI, 12/09/03.
- "RASS Release 8.3.0.0 Feasibility Study”, QSSI, 12/09/03.
- "RASS Release 8.3.0.0 Cost/Benefit Analysis”, QSSI, 12/09/03.
- "RASS Release 8.3.0.0 System Decision Paper”, QSSI, 12/09/03.
- "RASS Release 8.3.0.0 Risk Analysis”, QSSI, 12/09/03.

Release 8.2.0.0

- "RASS Release 8.2.0.0 Project Plan”, QSSI, 10/09/03.
- "RASS Release 8.2.0.0 Test Results and Evaluation Report”, QSSI, 11/21/03.
- "RASS Release 8.2.0.0 Functional Requirements Document”, QSSI, 10/21/03.
- "RASS Release 8.2.0.0 Program Specifications”, QSSI, 11/14/03.
- "RASS Release 8.2.0.0 System Specifications Document”, QSSI, 10/21/03.
- "RASS Release 8.2.0.0 Unit Test Plan”, QSSI, 10/20/03.

Releases 8.0.0.0 & 8.1.0.0

- "RASS Releases 8.0.0.0 & 8.1.0.0 Maintenance Manual”, QSSI, 06/17/03.
- "RASS Releases 8.0.0.0 & 8.1.0.0 Operations Manual”, QSSI, 06/17/03.
- "RASS Releases 8.0.0.0 & 8.1.0.0 User’s Manual”, QSSI, 06/17/03.
- "RASS Releases 8.0.0.0 & 8.1.0.0 Unit Test Plan”, QSSI, 06/17/03.
- "RASS Releases 8.0.0.0 & 8.1.0.0 User’s Manual Appendix”, QSSI, 06/17/03.
- "RASS Releases 8.0.0.0 & 8.1.0.0 System Specifications Document”, QSSI, 04/30/03.
- "RASS Releases 8.0.0.0 & 8.1.0.0 Program Specifications Document”, QSSI, 04/30/03.
- "RASS Releases 8.0.0.0 & 8.1.0.0 Validation and Verification Plan”, QSSI, 04/30/03.
1.0 General Information

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<td>“RASS Release 7.1.0.0 Cost/Benefit Analysis”, Accenture, 10/22/01.</td>
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<td>“RASS Release 7.1.0.0 Risk Analysis”, Accenture, 10/22/01.</td>
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<td>“RASS Release 7.0.0.0 System Decision Paper”, Accenture, 09/21/01.</td>
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<tr>
<td>“RASS Release 7.0.0.0 System Test Results and Evaluation Report”, Accenture, 08/30/3001.</td>
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<td>“RASS Release 7.0.0.0 Test Plan”, Accenture, 07/19/2001.</td>
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<td>“RASS Release 7.0.0.0 Training Plan”, Accenture, 06/20/2001.</td>
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**Release 7.0.0.0**

"RASS Release 7.0.0.0 Validation, Verification, and Testing Plan", Accenture, 06/20/2001.
"RASS Release 7.0.0.0 Database Specifications", Accenture, 06/08/2001.
"RASS Release 7.0.0.0 Program Specifications", Accenture, 06/08/2001.
"RASS Release 7.0.0.0 Project Schedule/Workplan", Accenture, 05/31/2001.
"RASS Release 7.0.0.0 System Support and Acquisition Plan", Accenture, 05/14/2001.
"RASS Release 7.0.0.0 Functional Requirements Document", Accenture, 05/14/2001.
"RASS Release 7.0.0.0 Data Requirements Document", Accenture, 05/14/2001.
"FY2001 Resident Assessment Feasibility Study (Update)", Accenture, 05/15/2001.
"FY2001 Resident Assessment Project Plan (Update)", Accenture, 05/15/2001.

1.5 Acronyms and Abbreviations

The following table defines terms and acronyms that may be used throughout the SDM Define Phase Documentation for RASS Release 8.4.0.0.

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<tr>
<th>Term</th>
<th>Definition</th>
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<tr>
<td>APP</td>
<td>Annual Performance Plan</td>
</tr>
<tr>
<td>BAH</td>
<td>Booz-Allen &amp; Hamilton</td>
</tr>
<tr>
<td>BOP</td>
<td>Business Operating Plan</td>
</tr>
<tr>
<td>BRD</td>
<td>Business Requirements Document</td>
</tr>
<tr>
<td>DCG</td>
<td>Development Coordination Group</td>
</tr>
<tr>
<td>FRD</td>
<td>Functional Requirements Document</td>
</tr>
<tr>
<td>FYE</td>
<td>Fiscal Year End</td>
</tr>
<tr>
<td>HA</td>
<td>Housing Agency/Housing Authority</td>
</tr>
<tr>
<td>HUD</td>
<td>Department of Housing and Urban Development</td>
</tr>
<tr>
<td>HUDCAPS</td>
<td>HUD Central Accounting Processing System</td>
</tr>
<tr>
<td>HUDWeb</td>
<td>HUD’s Intranet Web Site</td>
</tr>
<tr>
<td>JAD</td>
<td>Joint Application Development</td>
</tr>
<tr>
<td>MF</td>
<td>Multifamily</td>
</tr>
<tr>
<td>MFH</td>
<td>Multifamily Housing</td>
</tr>
<tr>
<td>NASS</td>
<td>Integrated Assessment Subsystem</td>
</tr>
<tr>
<td>OMB</td>
<td>Office of Management and Budget</td>
</tr>
<tr>
<td>PDF</td>
<td>Portable Document Format</td>
</tr>
<tr>
<td>PHA</td>
<td>Public Housing Agency/Public Housing Authority</td>
</tr>
<tr>
<td>PHAS</td>
<td>Public Housing Assessment System</td>
</tr>
</tbody>
</table>

Program Specifications 1-6 8/20/2004
FINAL
1.0 General Information

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIC</td>
<td>PIH Information Center</td>
</tr>
<tr>
<td>PIH</td>
<td>Public and Indian Housing</td>
</tr>
<tr>
<td>POC</td>
<td>Point of Organizational Contact</td>
</tr>
<tr>
<td>QSSI</td>
<td>Quality Software Services, Inc.</td>
</tr>
<tr>
<td>RASS</td>
<td>Resident Assessment Subsystem</td>
</tr>
<tr>
<td>REAC</td>
<td>Real Estate Assessment Center</td>
</tr>
<tr>
<td>REACS</td>
<td>Real Estate Assessment Center System</td>
</tr>
<tr>
<td>SDM</td>
<td>System Development Methodology</td>
</tr>
<tr>
<td>SOA</td>
<td>Section of the Act</td>
</tr>
<tr>
<td>TAC</td>
<td>Technical Assistance Center (formerly the Customer Service Center)</td>
</tr>
<tr>
<td>TARC</td>
<td>Troubled Agency Recovery Center</td>
</tr>
<tr>
<td>TRACS</td>
<td>Tenant Rental Assistance Certification System</td>
</tr>
<tr>
<td>TBD</td>
<td>To Be Defined</td>
</tr>
<tr>
<td>WASS</td>
<td>Web Access Security System</td>
</tr>
</tbody>
</table>

1.6 Points of Contact

1.6.1 Information

The following table lists Points of Organizational Contact (POCs) that may be beneficial for future reference.

<table>
<thead>
<tr>
<th>Contact Name</th>
<th>Organization</th>
<th>Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linda M. Hooks</td>
<td>HUD – Contracting Officer</td>
<td>202-708-1772 ext.5474</td>
</tr>
<tr>
<td>Yvette T. Conner</td>
<td>HUD – GTR</td>
<td>202-708-1817 ext.2620</td>
</tr>
<tr>
<td>Delton Nichols</td>
<td>REAC – RASS Project Manager</td>
<td>202-708-4932 ext.3115</td>
</tr>
<tr>
<td>Yangja K. Lee</td>
<td>REAC – RASS GTM/IT Manager</td>
<td>202-708-4932 ext.3081</td>
</tr>
<tr>
<td>Kevin N. Jones</td>
<td>REAC – RASS Assistant IT Manager</td>
<td>202-708-4932 ext.3111</td>
</tr>
<tr>
<td>Patrick Evans</td>
<td>BAH</td>
<td>202-708-4932 ext.3021</td>
</tr>
<tr>
<td>Gautam Ijoo</td>
<td>QSSI</td>
<td>202-708-4932 ext.3954</td>
</tr>
<tr>
<td>Alex Rozental</td>
<td>QSSI</td>
<td>202-708-4932 ext.3442</td>
</tr>
<tr>
<td>Eugene Lubarsky</td>
<td>QSSI</td>
<td>202-708-4932 ext.3152</td>
</tr>
<tr>
<td>Tanuj Sinha</td>
<td>QSSI</td>
<td>202-708-4932 ext.3332</td>
</tr>
<tr>
<td>Robin Hilton</td>
<td>QSSI</td>
<td>202-708-4932 ext.3453</td>
</tr>
<tr>
<td>Theresa Han</td>
<td>QSSI</td>
<td>202-708-4932 ext.3476</td>
</tr>
<tr>
<td>Robert Armstrong</td>
<td>QSSI</td>
<td>202-708-4932 ext.3458</td>
</tr>
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</table>
1.0 General Information

<table>
<thead>
<tr>
<th>Contact</th>
<th>Contact Information</th>
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</thead>
<tbody>
<tr>
<td>RASS System Administrator</td>
<td>Delton Nichols, in coordination with the WASS subsystem, will facilitate RASS system administration as needed. 202-708-4932 ext.3115</td>
</tr>
<tr>
<td>REAC Technical Assistance Center</td>
<td>1-888-245-4860</td>
</tr>
<tr>
<td>REAC RASS E-mail address</td>
<td><a href="mailto:REAC_RASS@hud.gov">REAC_RASS@hud.gov</a></td>
</tr>
<tr>
<td>REAC Internet Site</td>
<td><a href="http://www.hud.gov/offices/reac/index.cfm">http://www.hud.gov/offices/reac/index.cfm</a></td>
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<tr>
<td>REAC RASS Internet Site</td>
<td><a href="http://www.hud.gov/offices/reac/products/prodrass.cfm">http://www.hud.gov/offices/reac/products/prodrass.cfm</a></td>
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<td><a href="http://hudweb.hud.gov/po/reac">http://hudweb.hud.gov/po/reac</a></td>
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<tr>
<td>HUD Customer Service Center Branch</td>
<td>1-202-708-3300</td>
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1.6.2 Coordination

Coordination must occur among the following organizations to successfully implement RASS Release 8.4.0.0:

<table>
<thead>
<tr>
<th>Organization</th>
<th>Support Function</th>
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<tbody>
<tr>
<td>Paradigm Soln./BAH</td>
<td>Development Coordination, Installation, Deployment</td>
</tr>
<tr>
<td>HUD IT</td>
<td>Implementation Coordination, Installation, Deployment</td>
</tr>
<tr>
<td>Mandaree/Pea rson</td>
<td>3rd Party Contractor: Resident Communication/Survey Support</td>
</tr>
<tr>
<td>REAC</td>
<td>Business Requirements Support, Project Management</td>
</tr>
<tr>
<td>WASS</td>
<td>Security</td>
</tr>
</tbody>
</table>

Listed below are the coordination dates to which each Public Housing Assessment System (PHAS) must adhere in order to achieve the December 17, 2004 release date for Release 8.4.0.0.

<table>
<thead>
<tr>
<th>Code Locked Date</th>
<th>Integration Test Start Date</th>
<th>Integration Test End Date</th>
<th>Final HARTS Request Submission Date</th>
<th>Release Date</th>
</tr>
</thead>
</table>

1.7 Master List of Programs

The following subsections provide brief descriptions of the RASS Release 8.4.0.0 new and modified screens and programs. Only modified or new components have been included in the following subsections. The detailed specifications for the programs and screens are provided in Sections 2.0-16.0 of this document.
The program and stored procedure specifications provide detailed information about the input data elements and/or records sent to the program or stored procedure, and output data elements and/or reports resulting from the program or stored procedure. The inputs are processed by the program or stored procedure, resulting in the outputs sent from the program or stored procedure.

On the screens, actions performed by the user trigger inputs and outputs. For example, selecting the Save button triggers an input. Therefore, the Object Action table in each screen module provides information about screen inputs and outputs for each screen/program specification. Finally, please refer to Appendix A for high-level Screen Navigation Diagrams for RASS Release 8.4.0.0 new and modified screens. Refer to Appendix B for a complete RASS Traceability Matrix tying Functional Requirements to RASS Business Rules, Sources, Releases, and Program names and/or screen numbers.

1.7.1 At-Risk PHA Report

The At-Risk PHA report allows users to view PHAs, which are at risk of failing the resident satisfaction limits set by RASS. Users will be able to view all PHAs or PHAs from a specific Field Office. Each Field Office summarizes the following counts:

- PHAs with the prior year’s score.
- Number of surveys sent.
- PHAs with a survey score of zero.
- PHAs with unmet thresholds.
- Unit addresses.
- Duplicate addresses.
- Undeliverable addresses.

Individually listed PHAs display the PIC unit, duplicate address, and undeliverable address totals. An asterisk in the Prior Year’s Score, No Survey’s Sent, Zero Survey Score, and Threshold Not Met columns indicates that the PHA failed the criteria. By providing field offices with this information, PHAs can be identified prior to failing RASS and encouraged to make improvements within the assessment window.

1.7.2 Edit PHA Scores Screen

Modifications were made to the Edit PHA Scores screen to allow users to assign last assessment’s score to the current year. Assignment of the prior assessment’s score in two consecutive assessments will be restricted.

1.7.3 Edit Survey Section Scores Screen

The Edit Survey Section Scores screen displays each survey section Component Scored and Edit Adjusted scores.

The Edit Survey Section Scores screen was modified to indicate whether the survey scores were assigned from the previous year and display the specific assigned survey scores.
1.7.4 Demographic Report

The Demographic Report allows users to view the PHAs scores broken down by demographic groups. Demographics included in this report are: age, gender and all possible combinations of these two categories. For comparison, the report includes National Average scores broken down by the same demographic categories. Report displays data for PHA selected on PHA Selection screen or Main screen (in case if only one PHA selected on the Main screen). Modification to this report will allow section scores to be displayed by Age and Gender on PHA level.

1.7.5 Edit PHA/Section Score Stored Procedure

The modifications made to this procedure enable the procedure to populate data to the participant_assess_action table with an action code of FSM when the user has assigned the last assessment score. The action_code ‘FSM’ is written to the table for the following group_ids: 1, 2, 3, 4, 5, 6 and 7.

1.7.6 Edit PHA/Section Score Stored Procedure

Modifications made to the procedure will retrieve the previous assessment’s survey section scores or the total survey section score that will be used for the score assignment of the current assessment.

1.7.7 Resident Assessment - RASS Main

Modification to the Resident Assessment – RASS Main screen will allow users to call the At-Risk Report.

1.7.8 Resident Assessment - Review/Approve PHA Scores

Modification to the Resident Assessment – Review/Approve PHA Scores screen will allow users to retrieve the PHA report by specific flagged category.

1.7.9 Review/Edit Assessment Access Dates

Modification made the Review/Edit Assessment Access Dates screen will allow users to create a user-specified window to restrict Implementation Plan Activities.

1.7.10 Resident Assessment – Implementation Plan

Modification made to the Resident Assessment – Implementation Plan screen will allow verification of the Implementation Plan Activity Date against the user-specified window.
1.7.11  RASS Get PHA Scores Stored Procedure

Modification to this procedure will allow users to retrieve the PHA report by specific flagged category.

1.7.12  Get Flagged Category Stored Procedure

This procedure will allow users to select a Flagged Category on the Resident Assessment - Review/Approve PHA Scores.

1.7.13  Resident Assessment - PHA General Information

Modification to the report on the Resident Assessment - PHA General Information screen will display additional unit counts:

PHA LEVEL

Total Units (PIC)
Section 8 Units (PIC)
Low Rent Units (PIC)
Occupied Units with Addresses

PROJECT LEVEL

Low Rent Units (PIC)
Occupied Units with Addresses
Number of units with valid mailing and/or physical addresses

1.7.14  RASS Get PHA Information Stored Procedure

Modification to this procedure will allow users to see the PHA information including additional counts:

PHA LEVEL

Total Units (PIC)
Section 8 Units (PIC)
Low Rent Units (PIC)
Occupied Units with Addresses

PROJECT LEVEL

Low Rent Units (PIC)
Occupied Units with Addresses
Number of units with valid mailing and/or physical addresses

1.7.15  RASS PHA History Report Stored Procedure
The Survey Cycle Status screen allows users to view the current status for each of nine predetermined assessment processes. The current date, fiscal year end date, and instructions on how to navigate the screen will be displayed at the top of the screen. For each process, the user will be able to view the current process status, the date on which the last action was performed, and the name of the user who performed that action. By single clicking on the process name, the user will be able to navigate directly to the part of the system where the user executes the selected process. The history for each process will also be available to the user through a link in the status column. In addition, the user will have access to an Additional Help screen via an Additional Help link.
2.0 AT-RISK PHA REPORT
2. At-Risk PHA Report

2.1 Program Description

New/Modified: New

Description:
The At-Risk PHA report allows users to view PHAs, which are at risk of failing the resident satisfaction limits set by RASS. Users will be able to view all PHAs or PHAs from a specific Field Office. Each Field Office summarizes the following counts:

- PHAs with the prior year’s score.
- Number of surveys sent.
- PHAs with a survey score of zero.
- PHAs with unmet thresholds.
- Unit addresses.
- Duplicate addresses.
- Undeliverable addresses.

Individually listed PHAs display the PIC unit, duplicate address, and undeliverable address totals. An asterisk in the Prior Year’s Score, No Survey’s Sent, Zero Survey Score, and Threshold Not Met columns indicates that the PHA failed the criteria. By providing field offices with this information, PHAs can be identified prior to failing RASS and encouraged to make improvements within the assessment window.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>3.8.5</td>
<td>539 - 546</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available
2.0 At-Risk PHA Report

2.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT-RISK PHA REPORT</td>
<td>New</td>
<td>The At-Risk PHA report allows users to view PHAs, which are at risk of failing the resident satisfaction limits set by RASS. Users will be able to view all PHAs or PHAs from a specific Field Office. Each Field Office summarizes the following counts:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• PHAs with the prior year’s score.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Number of surveys sent.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• PHAs with a survey score of zero.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• PHAs with unmet thresholds.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Unit addresses.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Duplicate addresses.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Undeliverable addresses.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Individually listed PHAs display the PIC unit, duplicate address, and undeliverable address totals. An asterisk in the Prior Year’s Score, No Survey’s Sent, Zero Survey Score, and Threshold Not Met columns indicates that the PHA failed the criteria. By providing field offices with this information, PHAs can be identified prior to failing RASS and encouraged to make improvements within the assessment window.</td>
</tr>
</tbody>
</table>

2.1.2 Software Unit

Please refer to Appendix A: New and Modified System Screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

2.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

2.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.
2.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

2.2 Environment

2.2.1 Support Software Environment

Please refer to Section 6.2 Software Environment of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

2.2.2 Interfaces

Please refer to Section 6.4 Software Interfaces of the RASS Release 8.4.0.0 System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

2.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

2.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

2.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

2.2.3.3 Offline Storage
2.0 At-Risk PHA Report

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

### 2.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

#### 2.2.4 Security

**Screen/Object Level Security**

<table>
<thead>
<tr>
<th>Role</th>
<th>Create</th>
<th>Read</th>
<th>Update</th>
<th>Delete</th>
<th>Detailed Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RRM, RRC, RSS, GUS</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>This is an internal role for REAC RASS Manager users given the authority to view unit address information.</td>
</tr>
<tr>
<td>RRR</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>Read RASS REAC Reports.</td>
</tr>
</tbody>
</table>

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

#### 2.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
### 2.3 Design Details

**Module Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>The At-Risk PHAs Report provide the information that are at risk of failing RASS using the following criteria:</td>
<td>1</td>
</tr>
<tr>
<td>1. PHAs that were assigned their prior years survey score.</td>
<td></td>
</tr>
<tr>
<td>2. PHAs with a zero survey score from the most recent survey.</td>
<td></td>
</tr>
<tr>
<td>3. PHAs that failed to meet the threshold response rate required to issue a statistically valid score.</td>
<td></td>
</tr>
</tbody>
</table>

### Screen Layout:

**RESIDENT ASSESSMENT - AT-RISK PHAs REPORT**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
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**Fiscal Year End:** Mar 31, 2003

**Field Office:** [WOEGRST TITLE]
Screen Attribute Table

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Type</th>
<th>Item Length</th>
<th>Tab Order</th>
<th>Edit (Format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Header</td>
<td>Static text</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Fiscal Year End</td>
<td>Derived Field (from URL)</td>
<td>12</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Field Office</td>
<td>Derived Field (from Database)</td>
<td>40</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>Total PHAs</td>
<td>Derived Field (from Database)</td>
<td>7</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>PHA ID</td>
<td>Derived Field (from Database)</td>
<td>5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>PHA Name</td>
<td>Derived Field (from Database)</td>
<td>60</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Prior Year’s Score Total</td>
<td>Derived Field (from Database)</td>
<td>4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>No Survey’s Sent Total</td>
<td>Derived Field (from Database)</td>
<td>4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Zero Survey Score Total</td>
<td>Derived Field (from Database)</td>
<td>4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Threshold Not Met Total</td>
<td>Derived Field (from Database)</td>
<td>4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Unit Count in PIC Total</td>
<td>Derived Field (from Database)</td>
<td>7</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Duplicate Addresses Total</td>
<td>Derived Field (from Database)</td>
<td>7</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Undeliverable Addresses Total</td>
<td>Derived Field (from Database)</td>
<td>7</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Page Numbers</td>
<td>Derived Field (from Database)</td>
<td>4</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Internal Links

<table>
<thead>
<tr>
<th>Link</th>
<th>Item Length</th>
<th>Tab Order</th>
<th>Edit (Format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>Link</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>External links</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RASS Home Page</td>
<td>Link</td>
<td>14</td>
<td>4</td>
</tr>
</tbody>
</table>

2.3.1 Input

2.3.1.1 Input Records

Input records are not applicable for the At-Risk Report screen.

2.3.1.2 Input Data Elements

The following variables will be passed from the RASS Main screen to the At-Risk PHA Report screen:
- selection_criteria (from form)
- fiscal_year_month (from form)
- fiscal_year (from form)
- office_id (from form)
- startpha (from form)
- page_pha (from form)
- pha_a (from form)
2.0 At-Risk PHA Report

pha_b (from form)
pha_c (from form)
pha_d. (from form)

2.3.2 Output

2.3.2.1 Output Records

Output records are not applicable to the At-Risk PHA Report.

2.3.2.2 Output Data Elements

Output elements are not applicable to the At-Risk PHA Report.

2.3.3 Software Relationships

<table>
<thead>
<tr>
<th>Program Page</th>
<th>Linking Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>At Risk Report</td>
<td>2_rass_main.cfm (RASS Main)</td>
</tr>
<tr>
<td></td>
<td>prodrass.cfm (RASS Home)</td>
</tr>
</tbody>
</table>

The user clicks on the At-Risk PHA Report link on the RASS Main screen to get to the At-Risk PHA Report.

2.3.4 Software Unit Logic

The following sections contain the detailed software unit logic.

Object Action Table

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>RASS MAIN</td>
<td>Select</td>
<td>Click REAC Reporting Area At Risk PHA Report.</td>
<td>1</td>
</tr>
<tr>
<td>At Risk PHA Report</td>
<td>Open</td>
<td>The following parameters are passed to the At-Risk PHA Report:</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>selection_criteria parent_month parent_year office_id startpha page_pha pha_a pha_b pha_c</td>
<td></td>
</tr>
</tbody>
</table>
# 2.0 At-Risk PHA Report

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>Single click</td>
<td>Opens and displays RASS main screen.</td>
<td>3</td>
</tr>
<tr>
<td>RASS Home Page</td>
<td>Single click</td>
<td>Opens and displays RASS Home page.</td>
<td>4</td>
</tr>
</tbody>
</table>

**Logic Ref. # 1**

<table>
<thead>
<tr>
<th>Pre-Status:</th>
<th>User selects At Risk PHA Report from the report drop-down menu on the RASS Main screen.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logic:</td>
<td>1. Get the number of PHAs from the selected criteria.</td>
</tr>
<tr>
<td></td>
<td>2. Display the field office names to allow the user to report on a specified field office.</td>
</tr>
<tr>
<td></td>
<td>3. Display with an asterisk (*) all PHAs that were assigned last year’s assessment score using the action code ‘FSM’ as the criteria. The total count of PHAs flagged as being assigned with last years assessment score are totaled at the office header.</td>
</tr>
<tr>
<td></td>
<td>4. Display with an asterisk (*) all PHAs that were assigned a zero survey score from the most recent survey using the action code ‘FSK’ as the criteria. The total count of PHAs flagged as having a zero survey score are totaled at the office header.</td>
</tr>
<tr>
<td></td>
<td>5. Display with an asterisk (*) all PHAs that were identified as failing to meet the threshold using the action code ‘FSG’ as the criteria. The total count of PHAs flagged as not meeting the threshold is totaled at the office header.</td>
</tr>
<tr>
<td></td>
<td>6. The Unit Address Counts are displayed for each PHA and the total counts of all the Addresses are displayed at the office header.</td>
</tr>
<tr>
<td></td>
<td>7. The Duplicate Address Counts are displayed for each PHA and the total counts of all the Duplicate Addresses are displayed at the office header.</td>
</tr>
<tr>
<td></td>
<td>8. The Undeliverable Address Counts are displayed for each PHA and the total counts of all the Undeliverable Addresses are displayed at the office header.</td>
</tr>
<tr>
<td></td>
<td>9. Create At-Risk PHAs Report.</td>
</tr>
<tr>
<td>Post-Status:</td>
<td>The At-Risk PHA Report screen is displayed on the screen.</td>
</tr>
</tbody>
</table>
3.0 EDIT PHA SCORES SCREEN
3. EDIT PHA SCORES SCREEN

3.1 Program Description

New/Modified: Modified

Description:
Modifications were made to the Edit PHA Scores screen to allow users to assign last assessment’s score to the current year. Assignment of the prior assessment’s score in two consecutive assessments will be restricted.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>4.1.0</td>
<td>548</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

- Business Rule not available

3.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDIT PHA SCORES SCREEN</td>
<td>Modified</td>
<td>Modifications were made to the PHA Edit Scores screen to allow users to assign last assessment’s score to the current year. Assignment of the prior assessment’s score in two consecutive assessments will be restricted.</td>
</tr>
</tbody>
</table>

3.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

3.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.
3.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

3.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

3.2 Environment

3.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

3.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0 System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

3.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

3.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

3.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.
3.0 Edit PHA Scores Screen

3.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

3.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

3.2.4 Security

Screen/Object Level Security

No specific security requirements apply to the Edit PHA Scores screen.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

3.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
3.0 Edit PHA Scores Screen

3.3 Design Details

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide capability to assign last year’s total survey score for each PHA individually by clicking on a button on the Edit PHA Scores screen.</td>
<td>1</td>
</tr>
</tbody>
</table>

Screen Layout:

![Diagram of RESIDENT ASSESSMENT - EDIT PHA SCORES](image)

Program Specifications

3-4

PHIH - REAC

Resident Assessment Subsystem (RASS)

Release 8.4.0.0

8/20/2004

FINAL
3.0 Edit PHA Scores Screen

Screen Attribute Table

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Type</th>
<th>Item Length</th>
<th>Tab Order</th>
<th>Edit (Format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assign Last Assessment's Score</td>
<td>Push Button Click Event</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Survey Plan</td>
<td>Static text</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Edit Adjusted</td>
<td>Static text</td>
<td>60</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Last Updated User</td>
<td>Derived Field (from Database)</td>
<td>51</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Updated Time</td>
<td>Derived Field (Current Date)</td>
<td>10</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Survey Score</td>
<td>Derived Field (from Database)</td>
<td>12</td>
<td>N/A</td>
<td>Numeric</td>
</tr>
<tr>
<td>Comments</td>
<td>Derived Field (from Database)</td>
<td>255</td>
<td>N/A</td>
<td>Text</td>
</tr>
<tr>
<td>Save Button</td>
<td>Push Button Click Event</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Next Button</td>
<td>Push Button Click Event</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Internal Links

- Main Link | 4 | N/A | N/A |
- Review/Approve PHA Scores Link | 25 | N/A | N/A |

External links

- RASS Home Page Link | 14 | 4 | N/A |

3.3.1 Input

3.3.1.1 Input Records

Input records are not applicable for the Edit PHA Scores screen.

3.3.1.2 Input Data Elements

The following variables will be passed from the Review/Approve PHA Scores screen to the Edit PHA Scores screen:

- participant_id (from URL)
- fiscal_year (from URL)
- get_pha_code (from URL)
- pha_code_input_1 (from URL)
- pha_code_input_2 (from URL)
- pha_code_input_3 (from URL)
- pha_code_input_4 (from URL)
- pha_range_from (from URL)
- pha_range_to (from URL)
- get_score_type (from URL)
- FYE_Month_Day (from URL)
- fye_year (from URL)
- page_range_from (from URL)
- page_range_to (from URL)
- flag_cat (from URL)
3.3.2 Output

3.3.2.1 Output Records

Output records are not applicable for the Edit PHA Scores screen.

3.3.2.2 Output Data Elements

The following variables will be passed from the Edit PHA Scores screen to the Edit Survey Section Scores screen.

- participant_id (from form)
- assign_score (from form)
- fiscal_year (from form)
- flag_cat (from form)
- number_type (from form)
- action_amount (from form)
- action_comment (from form)
- FYE_month_day (from form)
- FYE_year (from form)
- get_PHA_code (from form)
- get_score_type (from form)
- last_assigned (from form)
- PHA_Code_Input_1 (from form)
- PHA_Code_Input_2 (from form)
- PHA_Code_Input_3 (from form)
- PHA_Code_Input_4 (from form)
- PHA_Range_From (from form)
- PHA_Range_To (from form)

3.3.3 Software Relationships

- User clicks on the Save Button to go to the Edit Survey Section Score screen to view the assign assessment score.

3.3.4 Software Unit Logic

The following sections contain the detailed software unit logic.

Object Action Table

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHA EDIT SCORES SCREEN</td>
<td>Open</td>
<td>Opens and displays PHA Edit Scores screen.</td>
<td>1</td>
</tr>
<tr>
<td>ASSIGN LAST ASSESSMENT'S SCORE</td>
<td>Click</td>
<td>Assigns the most current prior Assessment’s Score.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Program Specifications 3-6
FINAL 8/20/2004
## Logic Ref. # 1

| Pre-Status: | User clicks the Assign Last Assessment Score |
| Logic: | 1. When page opens, store last assessment’s score (derived from stored procedure) in hidden variables. |
| | 2. When the button “Assigned Last Assessment’s Score” is clicked, there is a check to see if the assessment is not a second consecutive assessment. In case the processed assessment is a second consecutive assessment, a display message will appear and restrict the user’s attempt of assigning the assessment score. If the assessment score is valid, a confirmation display message will appear. If the user clicks “OK”, place the last assessment score into the edit field. |
| Post-Status: | The PHA Section Scores screen is displayed. |
4.0 EDIT SURVEY SECTION SCORES SCREEN
4. EDIT SURVEY SECTION SCORES SCREEN

4.1 Program Description

New/Modified: Modified

Description:
The Edit Survey Section Scores screen displays each survey section Component Scored and Edit Adjusted scores.
The Edit Survey Section Scores screen was modified to indicate whether the survey scores were assigned from the previous year and display the specific assigned survey scores.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>4.1.0</td>
<td>549 - 555</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

4.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDIT SURVEY SECTION SCORES SCREEN</td>
<td>Modified</td>
<td>The Edit Survey Section Scores screen displays each survey section Component Scored and Edit Adjusted scores. The Edit Survey Section Scores screen was modified to indicate whether the survey scores were assigned from the previous year and display the specific assigned survey scores.</td>
</tr>
</tbody>
</table>

4.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

4.1.3 Accuracy and Validity
Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

4.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

4.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

4.2 Environment

4.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

4.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0 System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

4.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

4.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.
4.0 Edit Survey Section Scores Screen

4.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

4.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

4.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

4.2.4 Security

Screen/Object Level Security

<table>
<thead>
<tr>
<th>Role</th>
<th>Create</th>
<th>Read</th>
<th>Update</th>
<th>Delete</th>
<th>Detailed Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RRM</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>Read RASS Main Screen.</td>
</tr>
</tbody>
</table>

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

4.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
4.3 Design Details

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide capability to assign last year’s total survey score for each PHA individually by clicking on a button on the Edit PHA Scores screen.</td>
<td>1</td>
</tr>
</tbody>
</table>

Screen Layout:
### Screen Attribute Table

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Type</th>
<th>Item Length</th>
<th>Tab Order</th>
<th>Edit (Format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey Plans</td>
<td>Static text</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Survey Score</td>
<td>Derived Field (from Database)</td>
<td>12</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Comments</td>
<td>Derived Field (from Database)</td>
<td>255</td>
<td>N/A</td>
<td>Text</td>
</tr>
<tr>
<td><strong>Internal Links</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main</td>
<td>Link</td>
<td>4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Review/Approve PHA Scores</td>
<td>Link</td>
<td>25</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Edit PHA Scores</td>
<td>Link</td>
<td>15</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>External links</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RASS Home Page</td>
<td>Link</td>
<td>14</td>
<td>4</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### 4.3.1 Input

#### 4.3.1.1 Input Records

Input records are not applicable for the Edit Survey Section Scores screen.

#### 4.3.1.2 Input Data Elements

The following variables will be passed from the Edit PHA Scores screen to the Edit Survey Section Scores screen:

- `participant_id` (from form)
- `fiscal_year` (from form)
- `get_pha_code` (from form)
- `pha_code_input_1` (from form)
- `pha_code_input_2` (from form)
- `pha_code_input_3` (from form)
- `pha_code_input_4` (from form)
- `pha_range_from` (from form)
- `pha_range_to` (from form)
- `get_score_type` (from form)
- `FYE_Month_Day` (from form)
- `fye_year` (from form)
- `page_range_from` (from form)
- `page_range_to` (from form)
- `flag_cat` (from form)
- `assign_score` (from form)

### 4.3.2 Output

#### 4.3.2.1 Output Records

Output records are not applicable for the PHA Section Score screen.
4.0 Edit Survey Section Scores Screen

4.3.2.2 Output Data Elements

The following variables will be passed from the PHA Edit Survey Section Scores screen to action page Survey Section Scores Action Event for updating the database.

- participant_id (from form)
- fiscal_year (from form)
- get_pha_code (from form)
- pha_code_input_1 (from form)
- pha_code_input_2 (from form)
- pha_code_input_3 (from form)
- pha_code_input_4 (from form)
- pha_range_from (from form)
- pha_range_to (from form)
- get_score_type (from form)
- FYE_Month_Day (from form)
- fye_year (from form)
- page_range_from (from form)
- page_range_to (from form)
- flag_cat (from form)
- assign_score (from form)
- action_amount (from form)
- action_comment (from form)

4.3.3 Software Relationships

- User clicks the Save Button to save the assign assessment score.

4.3.4 Software Unit Logic

The following sections contain the detailed software unit logic.

Object Action Table

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Screen</td>
<td>Click</td>
<td>Opens and displays the PHA Edit Survey Section Scores screen.</td>
<td>1</td>
</tr>
<tr>
<td>Button “Save”</td>
<td>Click</td>
<td>The Save button updates the database with the assigned scores.</td>
<td>2</td>
</tr>
</tbody>
</table>

Logic Ref. # 1

Pre-Status: Assignment of previous assessment’s score requested.

Logic: 1. Scores from previous assessment will be placed into appropriate score fields.

Logic Ref. # 2

Pre-Status: User selects PHA Section Scores screen from the report drop-down menu on the RASS Main screen.
### 4.0 Edit Survey Section Scores Screen

<table>
<thead>
<tr>
<th>Logic:</th>
<th>The user will click the Save button from the Edit Survey Section Scores screen to save data.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-Status:</td>
<td>The Edit Survey Section Scores screen will be refreshed.</td>
</tr>
</tbody>
</table>
5.0 DEMOGRAPHIC REPORT
5.0 Demographic Report

5. DEMOGRAPHIC REPORT

5.1 Program Description

New/Modified: Modified

Description:
The Demographic Report allows users to view the PHAs scores broken down by demographic groups. Demographics included in this report are: age, gender and all possible combinations of these two categories. For comparison, the report includes National Average scores broken down by the same demographic categories. Report displays data for PHA selected on PHA Selection screen or Main screen (in case if only one PHA selected on the Main screen).
Modification to this report will allow section scores to be displayed by Age and Gender on PHA level.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.8.4</td>
<td>533 - 537</td>
<td>User Requirement</td>
<td>1565</td>
<td></td>
</tr>
</tbody>
</table>

* Business Rule not available

5.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT ASSESSMENT – DEMOGRAPHIC REPORT</td>
<td>Modified</td>
<td>The Demographic Report allows users to view the PHAs scores broken down by demographic groups. Demographics included in this report are: age, gender and all possible combinations of these two categories. For comparison, the report includes National Average scores broken down by the same demographic categories. Report displays data for PHA selected on PHA Selection screen or Main screen (in case if only one PHA selected on the Main screen). Modification to this report will allow section scores to be displayed by Age and Gender on PHA level.</td>
</tr>
</tbody>
</table>
5.0 Demographic Report

5.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

5.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

5.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

5.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

5.2 Environment

5.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

5.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0. and other systems/subsystems.

5.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define
5.0 Demographic Report

Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

5.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0. System/Subsystem Specifications for information on system storage.

5.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0. System/Subsystem Specifications for information on system storage.

5.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0. System/Subsystem Specifications for information on system storage.

5.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0. System/Subsystem Specifications for information on system storage.

5.2.4 Security

Screen/Object Level Security

<table>
<thead>
<tr>
<th>Action</th>
<th>Create</th>
<th>Read</th>
<th>Update</th>
<th>Delete</th>
<th>Detailed Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RRR</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>This is a permission to read RASS REAC Reports (generated from RASS Main screen for internal users)</td>
</tr>
<tr>
<td>RPR</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>This is a permission to read RASS PHA Reports (generated from PHA Main screen for external users)</td>
</tr>
<tr>
<td>RRS</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>This is a permission to read RASS Scores</td>
</tr>
</tbody>
</table>

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

5.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
### 5.3 Design Details

#### Screen Layout:

**Internal Screen:**

---

**Resident Assessment - Demographic Report**

The following pages display the resident selection demographic report. The report is based on the selected FPL, and the data provided is for internal purposes only. The report is designed to help in identifying trends and demographic information for the population served by the program.

**Fiscal Year End:** Mar 31, 2004

**Demographic Distribution - Average for FLIA**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>All FLIA</th>
<th>All FLIA</th>
<th>Male</th>
<th>Female</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-54</td>
<td>751</td>
<td>751</td>
<td>477</td>
<td>274</td>
<td>477</td>
<td>274</td>
<td>751</td>
</tr>
<tr>
<td>25-34</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>35-44</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>45-54</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>65+</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>All</td>
<td>7,524</td>
<td>7,524</td>
<td>4,333</td>
<td>3,101</td>
<td>4,333</td>
<td>3,101</td>
<td>7,524</td>
</tr>
</tbody>
</table>

---

**Demographic Distribution - Maintenance and Repair**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>All FLIA</th>
<th>All FLIA</th>
<th>Male</th>
<th>Female</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-54</td>
<td>751</td>
<td>751</td>
<td>477</td>
<td>274</td>
<td>477</td>
<td>274</td>
<td>751</td>
</tr>
<tr>
<td>25-34</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>35-44</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>45-54</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>65+</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>All</td>
<td>7,524</td>
<td>7,524</td>
<td>4,333</td>
<td>3,101</td>
<td>4,333</td>
<td>3,101</td>
<td>7,524</td>
</tr>
</tbody>
</table>

---

**Demographic Distribution - Communication**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>All FLIA</th>
<th>All FLIA</th>
<th>Male</th>
<th>Female</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-54</td>
<td>751</td>
<td>751</td>
<td>477</td>
<td>274</td>
<td>477</td>
<td>274</td>
<td>751</td>
</tr>
<tr>
<td>25-34</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>35-44</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>45-54</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>65+</td>
<td>3,164</td>
<td>3,164</td>
<td>1,811</td>
<td>1,353</td>
<td>1,811</td>
<td>1,353</td>
<td>3,164</td>
</tr>
<tr>
<td>All</td>
<td>7,524</td>
<td>7,524</td>
<td>4,333</td>
<td>3,101</td>
<td>4,333</td>
<td>3,101</td>
<td>7,524</td>
</tr>
</tbody>
</table>
5.0 Demographic Report

### Demographic Distribution - Safety Top

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>58-64</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65-69</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-74</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75-79</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80+</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Demographic Distribution - Services Top

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>58-64</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65-69</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-74</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75-79</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Demographic Distribution - Housing Property Appearance Top

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>58-64</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65-69</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>70-74</td>
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<tr>
<td>75-79</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

External screen:

RESIDENT ASSESSMENT - DEMOGRAPHIC REPORT

The following data represents the results of the demographic assessment conducted during the Fiscal Year Final. The data includes the following distribution:

<table>
<thead>
<tr>
<th>Age Group</th>
<th>F1</th>
<th>Male</th>
<th>Female</th>
<th>All</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>58-64</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65-69</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-74</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75-79</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No data available for selected Fiscal Year Final.
5.0 Demographic Report

Screen Attribute Table

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Type</th>
<th>Item Length</th>
<th>Tab Order</th>
<th>Edit (Format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHA Code</td>
<td>Derived Field (from URL)</td>
<td>5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>PHA Name</td>
<td>Derived Field (from URL)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Fiscal Year End</td>
<td>Derived Field (from URL)</td>
<td>8</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Age Group</td>
<td>Derived Field (from Database)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Gender</td>
<td>Derived Field (from Database)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Scores</td>
<td>Derived Field (from Database)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Internal Links

<table>
<thead>
<tr>
<th>Link</th>
<th>Item Length</th>
<th>Tab Order</th>
<th>Edit (Format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>4</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>Demographic Report Selection</td>
<td>28</td>
<td>2</td>
<td>N/A</td>
</tr>
<tr>
<td>RASS Home Page</td>
<td>14</td>
<td>3</td>
<td>N/A</td>
</tr>
</tbody>
</table>

External links

<table>
<thead>
<tr>
<th>Link</th>
<th>Item Length</th>
<th>Tab Order</th>
<th>Edit (Format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHA FOLLOW-UP PLAN REPORT</td>
<td>25</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>REAC TECHNICAL ASSISTANCE CENTER</td>
<td>32</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

5.3.1 Input

5.3.1.1 Input Records

Input records are not applicable for the Demographic Report screen.

5.3.1.2 Input Data Elements

Following variables will be passed to the page:
pha_id
participant_id
participant_common_name
participant_fiscal_year

5.3.2 Output

5.3.2.1 Output Reports

Output records are not applicable for the Demographic Report screen.

5.3.2.2 Output Data Elements

Output elements are not applicable for the Demographic Report screen.
5.0 Demographic Report

5.3.3 Software Relationships

- User single clicks on PHA ID on PHA Demographic Selection screen (internal users).
- User selects single PHA on RASS Main screen in reporting area (internal users).
- User single clicks Demographic Report button on Follow-Up Plan screen (external users).

5.3.4 Software Unit Logic

The following sections contain the detailed software unit logic.

Object Action Table

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographic Report screen</td>
<td>Open</td>
<td>Opens and displays the Demographic Report screen.</td>
<td>1</td>
</tr>
<tr>
<td><strong>Internal Links</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main</td>
<td>Single click</td>
<td>Opens and displays RASS main screen.</td>
<td>N/A</td>
</tr>
<tr>
<td>RASS Home Page</td>
<td>Single click</td>
<td>Opens and displays RASS Home page.</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>External Links</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHA FOLLOW-UP PLAN REPORT</td>
<td>Single click</td>
<td>Opens and displays RASS Follow-Up Plan Report</td>
<td>N/A</td>
</tr>
<tr>
<td>REAC TECHNICAL ASSISTANCE CENTER.</td>
<td>Single click</td>
<td>Opens and displays RASS Technical Assistance Center screen.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Logic Ref. # 1

| Pre-Status: | User single clicks on PHA ID on PHA Demographic Selection screen (internal users).
|            | User selects single PHA on RASS Main screen in reporting area (internal users).
|            | User single clicks Demographic Report button on Follow-Up Plan screen (external users).

| Logic:      | **1. Modifications made to report**
|            | The only modification made to this program was commenting out the group restriction for the final select:
|            | ```
|            | SELECT section_id, age, pha_male, pha_female, pha_all, nth_male, nth_female, nth_all FROM #FINAL
|            | --WHERE section_id = 2
|            | ORDER BY section_id, age
|            | Because of this time required for creating this report will stay intact.
```

| Post-Status: | The Demographic Report Opens. |
6.0 EDIT PHA/SECTION SCORE STORED PROCEDURE
6. EDIT PHA/SECTION SCORE STORED PROCEDURE

6.1 Program Description

**New/Modified:** Modified

**File name:** s_rass_edit_pha_scores.sql

**Description:**
The modifications made to this procedure enable the procedure to populate data to the participant_assess_action table with an action code of FSM when the user has assigned the last assessment score. The action_code ‘FSM’ is written to the table for the following group_ids: 1, 2, 3, 4, 5, 6 and 7.

**Traceability:**
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>4.1.0</td>
<td>554 - 555</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

**6.1.1 Software Unit Description**
The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procedure</td>
<td>Modified</td>
<td>The modifications made to this procedure enable the procedure to populate data to the participant_assess_action table with an action code of FSM when the user has assigned the last assessment score. The action_code ‘FSM’ is written to the table for the following group_ids: 1, 2, 3, 4, 5, 6 and 7.</td>
</tr>
</tbody>
</table>

**6.1.2 Software Unit**
Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

**6.1.3 Accuracy and Validity**
Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

6.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

6.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

6.2 Environment

6.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

6.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0 System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

6.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

6.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

6.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.
6.0 Edit PHA/Section Score Stored Procedure

6.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

6.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

6.2.4 Security

No specific security requirements apply to the Edit PHA/Section Score Stored Procedure.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

6.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
6.3 Detailed Design

6.3.1 Input

The following subsections contain information on input records and data elements for the RASS Scoring Stored Procedure.

6.3.1.1 Input Records

Input records are not applicable to stored procedures.

6.3.1.2 Input Data Elements

Following variables will be passed to the page:

assign_score

The assign_score value will be a ‘Y’ or ‘N’ value.

6.3.2 Output

6.3.2.1 Output Records

Output records are not applicable to stored procedures.

6.3.2.2 Output Data Elements

Output elements are not applicable to stored procedures.

6.3.3 Software Relationship

There are no software relationships for a stored procedure.

6.3.4 Software Unit Logic

The following sections contain the detailed software unit logic of the changes made.

Object Action Table

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Declare local variables.</td>
</tr>
</tbody>
</table>
6.0 Edit PHA/Section Score Stored Procedure

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>If assign_score variable indicates ‘Y’ (previous score assigned) – insert additional records into participant_assess_action with action_code = ‘FSM’</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>Refreshed screen</td>
</tr>
</tbody>
</table>

Log Ref. # 1

<table>
<thead>
<tr>
<th>Pre-Status:</th>
<th>Local variables are being defined (specified only new)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td>@assign_score char(1) = NULL</td>
</tr>
</tbody>
</table>

Logic Ref. # 2

<table>
<thead>
<tr>
<th>Logic:</th>
<th>Populate the participant_assess_action table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Populate the participant_assess_action table with action code FSM for a specified group_id.</td>
<td>IF (@assign_score = 'Y') BEGIN INSERT INTO participant_assess_action (object_id, action_code, system_id, participant_id, group_id, version_id, assessment_id, action_date, user_id, action_amount, action_comment, board_resolution_number, certification_date) SELECT 7, 'FSM', 'RASS', participant_id, group_id, version_id, assessment_id, getdate(), @user_id, CONVERT(NUMERIC(6,3),round(assessment_score,3)), @action_comment, NULL, NULL FROM participant_assessment NOHOLDLOCK WHERE participant_id = @participant_id AND group_id = @group_id AND fiscal_year = @fiscal_year END</td>
</tr>
</tbody>
</table>

IF (@assign_score = 'Y') BEGIN INSERT INTO participant_assess_action (object_id, action_code, system_id, participant_id, group_id, version_id, assessment_id, action_date, user_id, action_amount, action_comment, board_resolution_number, certification_date) SELECT 7, 'FSM', 'RASS', participant_id, group_id, version_id, assessment_id, getdate(), @user_id, CONVERT(NUMERIC(6,3),round(assessment_score,3)), @action_comment, NULL, NULL FROM participant_assessment NOHOLDLOCK WHERE participant_id = @participant_id AND group_id IN (SELECT group_id FROM #survey_section_group) AND fiscal_year = @fiscal_year END
6.0 Edit PHA/Section Score Stored Procedure

Logic Ref. # 3

<table>
<thead>
<tr>
<th>Post-Status:</th>
<th>Populate the participant_assess_action table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen</td>
<td>The Edit Survey Section Scores screen is refreshed</td>
</tr>
</tbody>
</table>

Frequency

The RASS Last Year Assessment Assigned Stored Procedure runs whenever the user assigns Last Assessment’s survey score to the current year.
7.0 REVIEW EDIT PHA/SECTION SCORE STORED PROCEDURE
7. EDIT PHA/SECTION SCORE STORED PROCEDURE

7.1 Program Description

New/Modified: Modified

File name: s_rass_review_pha_score_edits.sql

Description:
Modifications made to the procedure will retrieve the previous assessment’s survey section scores or the total survey section score that will be used for the score assignment of the current assessment.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>4.1.0</td>
<td>549 - 555</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

7.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
</table>
| Edit PHA/Selection Score | Modified     | Modifications made to the procedure will retrieve the previous assessment’s survey section scores or the total survey section score that will be used for the score assignment of the current assessment.

7.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

7.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.
7.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

7.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

7.2 Environment

7.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

7.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

7.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

7.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

7.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.
7.2.3.3  **Offline Storage**

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

7.2.3.4  **Temporary and Permanent Storage**

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

7.2.4  **Security**

No specific security requirements apply to the Review Edit PHA/Section Score.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

7.2.5  **Communications Environment**

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.

7.3  **Design Details**

7.3.1  **Input**

The following subsections contain information on input records and data elements for the RASS Scoring Stored Procedure

7.3.1.1  **Input Records**

Input records are not applicable to stored procedures
7.3.1.2 Input Data Elements

Following variables will be passed to the page:
  last_score
  last_year

7.3.2 Output

7.3.2.1 Output Records

Added new output data set that will contain group_id and assessment_score for groups: 2 – 7.

7.3.2.2 Output Data Elements

Added two new output parameters: @rc and @ reason.

7.3.3 Software Relationships

There are no software relationships for a stored procedure.

7.3.4 Software Unit Logic

The following sections contain the detailed software unit logic of the changes made.

Object Action Table

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Declare local variables</td>
</tr>
<tr>
<td>2.</td>
<td>Get last fiscal year</td>
</tr>
<tr>
<td>3.</td>
<td>Depending on page, this procedure called from retrieved assessment scores for group 2 or 3 – 7.</td>
</tr>
<tr>
<td>4.</td>
<td>Check if this is not the second consecutive assignment or previous score.</td>
</tr>
<tr>
<td>5.</td>
<td>Return dataset to called page.</td>
</tr>
<tr>
<td>6.</td>
<td>Refreshed Screen</td>
</tr>
</tbody>
</table>

Logic Ref. # 1

<table>
<thead>
<tr>
<th>Pre-Status:</th>
<th>Local variables are being defined (specified only new)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td>@assign_score char(1) = NULL</td>
</tr>
</tbody>
</table>
Logic Ref. # 2  
**Logic:** Populate the participant_assess_action table  
Collect the last year date of the most recent date prior to the current fiscal year.  

```sql
SELECT @last_year =
    (SELECT CONVERT(DATETIME,
        CONVERT(CHAR(2),DATEPART(mm,participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(2),DATEPART(dd,participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(4),fiscal_year))
    FROM participant_assessment NOHOLDLOCK
WHERE participant_id = @participant_id
    AND group_id = 2
    AND CONVERT(DATETIME,
        CONVERT(CHAR(2),DATEPART(mm,participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(2),DATEPART(dd,participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(4),fiscal_year)) = (SELECT MAX(CONVERT(DATETIME,
        CONVERT(CHAR(2),DATEPART(mm,participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(2),DATEPART(dd,participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(4),fiscal_year)))
    FROM participant_assessment pa NOHOLDLOCK
WHERE pa.participant_id = @participant_id
    AND pa.group_id = 2
    AND CONVERT(DATETIME,
        CONVERT(CHAR(2),DATEPART(mm,pa.participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(2),DATEPART(dd,pa.participant_fiscal_yr_end_date)) + '/' +
        CONVERT(CHAR(4),fiscal_year)) < @fiscal_date)
```

Logic Ref. # 3  
**Logic:** Populate the participant_assess_action table  
Collect group_id and assessment_score for requested group_id(s)  

```sql
INSERT INTO #last_scores
SELECT group_id, assessment_score, @last_year, 'N'
    FROM participant_assessment NOHOLDLOCK
    WHERE participant_id = @participant_id
    AND fiscal_year = DATEPART(yy,@last_year)
    AND DATEPART(mm,participant_fiscal_yr_end_date) = DATEPART(mm,@last_year)
    AND ((@case_id = 0) AND (group_id = 2) OR (@case_id = 1)
    AND (group_id BETWEEN 3 AND 7))
ORDER BY GROUP_ID
```

Logic Ref. # 4  
**Logic:** Populate the participant_assess_action table  
Check for second consecutive assignment  

```sql
UPDATE #last_scores
SET last_assigned = 'Y'
WHERE EXISTS (SELECT *
    FROM participant_assessment pa NOHOLDLOCK, participant_assess_action aa NOHOLDLOCK
WHERE pa.participant_id = aa.participant_id
    AND pa.assessment_id = aa.assessment_id
    AND pa.group_id = aa.group_id
    AND pa.version_id = aa.version_id
    AND aa.group_id = 2
    AND aa.action_code = 'FSM'
    AND aa.participant_id = @participant_id
    AND fiscal_year = DATEPART(yy,@last_year)
    AND DATEPART(mm,participant_fiscal_yr_end_date) = DATEPART(mm,@last_year))
Logic Ref. # 5  
**Pre-Status:** Populate the participant_assess_action table

| Return final data set to the calling page | SELECT pha_id, participant_common_name, phone_number, participant_fiscal_yr_end_date, component_type, action_type, user_id, action_date, action_amount, action_comment, max_value, participant_assess_action_id, group_id FROM #component ORDER BY group_id, participant_assess_action_id |

Logic Ref. # 6  
**Post-Status:** Populate the participant_assess_action table

| Screen Refreshed | The Edit Survey Section Scores screen is refreshed |

**Frequency**

The RASS Last Year Assessment Assigned Stored Procedure runs whenever the user assigns Last Assessment’s survey score to the current year.
8.0 RESIDENT ASSESSMENT - RASS MAIN
8. RESIDENT ASSESSMENT - RASS MAIN

8.1 Program Description

New/Modified: Modified

Description:
Modification to the Resident Assessment – RASS Main screen will allow users to call the At-Risk Report.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>3.8.5</td>
<td>538</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

8.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT ASSESSMENT – RASS MAIN</td>
<td>Modified</td>
<td>Modification to the Resident Assessment – RASS Main screen will allow users to call the At-Risk Report.</td>
</tr>
</tbody>
</table>

8.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.
8.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

8.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

8.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

8.2 Environment

8.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

8.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

8.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).
8.2.3.1 **Internal Storage**

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

8.2.3.2 **Device Storage**

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

8.2.3.3 **Offline Storage**

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

8.2.3.4 **Temporary and Permanent Storage**

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

8.2.4 **Security**

### Screen/Object Level Security

<table>
<thead>
<tr>
<th>Action</th>
<th>Create</th>
<th>Read</th>
<th>Update</th>
<th>Delete</th>
<th>Detailed Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RRM</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>This is a permission to read RASS Main screen for internal users.</td>
</tr>
<tr>
<td>RRS</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>This is a permission to read RASS Scores</td>
</tr>
</tbody>
</table>

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0. System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information

8.2.5 **Communications Environment**

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
8.0 Resident Assessment – RASS Main

8.3 Detail Designs

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create a report to pull up a list of PHA(s) per field office that is at risk of failing RASS.</td>
<td>1</td>
</tr>
</tbody>
</table>

Screen Layout:

Screen Attribute Table

No modifications to attributes for Resident Assessment – RASS Main screen.

8.3.1 Input

8.3.1.1 Input Records

Input records are not applicable for the Resident Assessment – RASS Main screen.
8.3.1.2 **Input Data Elements**

No modifications to input data elements.

8.3.2 **Output**

8.3.2.1 **Output Records**

Output records are not applicable for the Resident Assessment – RASS Main screen.

8.3.2.2 **Output Data Elements**

No modifications to the output elements.

8.3.3 **Software Relationships**

<table>
<thead>
<tr>
<th>Program Page</th>
<th>Linking Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2_rass_main.cfm (RASS Main)</td>
<td>2_rass_main.cfm (At-Risk Report)</td>
</tr>
</tbody>
</table>

8.3.4 **Software Unit Logic**

The following sections contain the detailed software unit logic.

**Object Action Table**

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop-down box in the reporting area</td>
<td>Select “At-risk PHA report”</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Button “Go” in the reporting area</td>
<td>Single click</td>
<td>Opens “At-risk PHA Report” screen</td>
<td>2</td>
</tr>
</tbody>
</table>

**Logic Ref. # 2**

Pre-Status: User selects “At-risk PHA Report from drop-down box in the reporting area and click on “Go” button.

Logic:

1. Modifications made to the Main screen

1.1 Added call to the “At-risk PHA Report”

```
  <CFCASE VALUE="at_risk_pha_report">
  <CFLOCATION URL="/w_rass_pha_at_risk_report.cfm?fy=#URLEncodedFormat(fy)#">
  </CFCASE>
```

1.2 Added option into drop-down box of reports:

```
  <CFIF rpt_mn EQ 17>
    <option value='at_risk_pha_report' selected>
  </CFIF>
```
### Post-Status:

The At-risk PHA Report opens.
9.0 RESIDENT ASSESSMENT - REVIEW/APPROVE PHA SCORES
9. RESIDENT ASSESSMENT - REVIEW/APPROVE PHA SCORES

9.1 Program Description

New/Modified: Modified

Description:
Modification to the Resident Assessment – Review/Approve PHA Scores screen will allow users to retrieve the PHA report by specific flagged category.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>4.5.0</td>
<td>556 - 557</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

9.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT ASSESSMENT – REVIEW/APPROVE PHA SCORE</td>
<td>Modified</td>
<td>Modification to the Resident Assessment – Review/Approve PHA Scores screen will allow users to retrieve the PHA report by specific flagged category.</td>
</tr>
</tbody>
</table>

9.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.
9.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

9.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

9.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

9.2 Environment

9.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

9.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

9.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

9.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.
9.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

9.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

9.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

9.2.4 Security

No specific security requirements apply to the Review/Approve PHA Score screen.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

9.3 Design Details

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modify software to provide users with capability to retrieve the PHA report by specific “flagged” category.</td>
<td>1</td>
</tr>
</tbody>
</table>

Screen Layout:
Screen Attribute Table

No modifications to attributes for Resident Resident Assessment – Review/Approve PHA Score screen.

9.3.1 Input

9.3.1.1 Input Records

Input records are not applicable for the Review/Approve PHA Score screen.

9.3.1.2 Input Data Elements

Added new input data element: FLAG_CAT

9.3.2 Output

9.3.2.1 Output Records

Output records are not applicable for the Review/Approve PHA Score screen.

9.3.2.2 Output Data Elements

Added new output data element: FLAG_CAT
9.3.3 Software Relationships

No modifications to software relationship for the Resident Assessment – Review/Approve PHA Score screen.

9.3.4 Software Unit Logic

The following sections contain the detailed software unit logic.

Object Action Table

<table>
<thead>
<tr>
<th>Object Action Table</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>REVIEW/APPROVE PHA SCORES SELECTION</td>
<td>Select Fiscal Year and Fiscal Year end, Select Flagged Survey Scores at step 4 and click “Submit” button</td>
<td>RESIDENT ASSESSMENT - REVIEW/APPROVE PHA SCORES screen will open displaying Select Flagged Category: drop-down box</td>
<td>1</td>
</tr>
<tr>
<td>Select any flagged category from drop-down box</td>
<td>Screen will refresh</td>
<td>Screen will reloaded displaying list of PHAs for selected flagged category.</td>
<td>2</td>
</tr>
</tbody>
</table>

Logic Ref. # 1

Pre-Status: User selects Flagged Survey Scores at step 4 of REVIEW/APPROVE PHA SCORES SELECTION screen and clicks “Submit” button.

Logic: 1. Modifications made to the REVIEW/APPROVE PHA SCORES screen

1.1 Screen will display drop-down box for selection of flagged category

```<SCRIPT LANGUAGE="JavaScript" TYPE="text/javascript"> function submit_form_flags() {
    val_fr = document.review_phas.page_range_from.value -
    document.review_phas.page_range_to.value
    document.review_phas.page_range_from.value = val_fr
    document.review_phas.action = "review_edit_pha_scores.cfm";
    document.review_phas.submit();
}<SCRIPT>
<CFIF get_score_type EQ 3>
<CFTRY>
<CFSTOREDPROC procedure="sp_rass_get_flagged_category" datasource="#rass_data_source#" returncode="No">
<CFPROCPARAM TYPE="Out" CFSQLTYPE="CF_SQL_SMALLINT" DBVARNAME="#rc" VARIABLE="rc">
<CFPROCPARAM TYPE="Out" CFSQLTYPE="CF_SQL_VARCHAR"  DBVARNAME="#reason" VARIABLE="reason">
<CFPROCRESULT name="flagged_categories" RESULTS ET="1">
```
9.0 Resident Assessment – Review/Approve PHA Score Screen

```html
<CFATCH TYPE="Any">
  <DIV ALIGN="left">
    <B>
      <FONT COLOR="Red" FACE="Times New Roman">
        <H2>An error occurred while processing sp_rass_get_flagged_category:</H2>
      </FONT>
      <HR SIZE="1">
      <P>
        <CFOUTPUT>#CFCATCH.message#</CFOUTPUT>
      <HR SIZE="1">
    </B>
  </DIV>
</CFATCH>
</CFTRY>

<CFIF rc gt 0>
  <CFOUTPUT>
    <DIV ALIGN="left">
      <B>
        <FONT FACE="Times New Roman" SIZE="2">
          THE RESIDENT ASSESSMENT - REVIEW/APPROVE PHA SCORES FAILED.
        </FONT>
        <P>
          ERROR 1: An error occurred during procedure call: "sp_rass_get_flagged_category"<br>
        </FONT>
        <P>
        </B>
      </DIV>
    </CFOUTPUT>
  </CFOUTPUT>
</CFIF>

<B>Select Flagged Category:</B>

<SELECT NAME="flag_cat" ONCHANGE=" submit_form_flags()">
  <CFIF flag_cat EQ "ALL">
    <OPTION value="ALL" SELECTED>All Flags</OPTION>
  </CFELSE>
    <OPTION value="ALL">All Flags</OPTION>
  </CFIF>

  <CFOUTPUT QUERY="flagged_categories">
    <CFIF #action_code# EQ #flag_cat#>
      <OPTION value="#action_code#" SELECTED>#status_description#</OPTION>
    </CFELSE>
      <OPTION value="#action_code#">#status_description#</OPTION>
    </CFIF>
  </CFOUTPUT>
</SELECT>
```

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FINAL
The REVIEW/APPROVE PHA SCORES screen opens.

Logic Ref. # 2

Pre-Status: Select any flagged category from drop-down box.

Logic: 1. Modifications made to the REVIEW/APPROVE PHA SCORES screen

1.2 Modified parameter list of procedure “s_rass_get_pha_scores1” – added new parameter @category

```<CFSTOREDPROC PROCEDEURE="s_rass_get_pha_scores1" DATASOURCE="#rass_data_source#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_NUMERIC" DBVARNAME="@fiscal_year" VALUE="#fiscal_year#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_DATE" DBVARNAME="@fiscal_yr_end" VALUE="#parent_date#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_SMALLINT" DBVARNAME="@case_id" VALUE="#get_pha_code#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_SMALLINT" DBVARNAME="@approve_id" VALUE="#get_score_type#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_CHAR" DBVARNAME="@category" VALUE="#flag_cat#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_CHAR" DBVARNAME="@pha_id_1" VALUE="#pha_1#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_CHAR" DBVARNAME="@pha_id_2" VALUE="#pha_2#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_CHAR" DBVARNAME="@pha_id_3" VALUE="#pha_3#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_CHAR" DBVARNAME="@pha_id_4" VALUE="#pha_4#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_INTEGER" DBVARNAME="@page_from" VALUE="#page_range_from#">
<CFPROCPARAM TYPE="In" CFSQLTYPE="CF_SQL_INTEGER" DBVARNAME="@page_to" VALUE="#page_range_to#">
<CFPROCPARAM TYPE="Out" CFSQLTYPE="CF_SQL_VARCHAR" DBVARNAME="@flag_name" VARIABLE="flag_name">
<CFPROCPARAM TYPE="Out" CFSQLTYPE="CF_SQL_INTEGER" DBVARNAME="@record_ct" VARIABLE="result_count">
<CFPROCRESULT NAME="pha_scores" RESULTSET="1">
<CFPROCRESULT NAME="return_code" RESULTSET="2">
</CFSTOREDPROC>
```
10.0 REVIEW/EDIT ASSESSMENT ACCESS DATES
10. REVIEW/EDIT ASSESSMENT ACCESS DATES

10.1 Program Description

New/Modified: Modified

Description:
Modification made the Review/Edit Assessment Access Dates screen will allow users to create a user-specified window to restrict Implementation Plan Activities.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 1.2.4.2</td>
<td>514 - 519</td>
<td>User Requirement</td>
<td>1565</td>
<td></td>
</tr>
</tbody>
</table>

* Business Rule not available

10.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT ASSESSMENT – REVIEW/EDIT ASSESSMENT ACCESS DATES</td>
<td>Modified</td>
<td>Modification made the Review/Edit Assessment Access Dates screen will allow users to create a user-specified window to restrict Implementation Plan Activities.</td>
</tr>
</tbody>
</table>

10.1.2 Software Unit

Please refer to Appendix A: New and Modified System Screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.
10.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

10.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

10.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

10.2 Environment

10.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

10.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

10.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).
10.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

10.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

10.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

10.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

10.2.4 Security

No specific security requirements apply to the Review/Edit Assessment Access Dates.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

10.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
10.3 Detail Designs

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the capability to create a user specified window to restrict</td>
<td>1</td>
</tr>
<tr>
<td>Implementation Plan Activities.</td>
<td></td>
</tr>
</tbody>
</table>

Screen Layout:

No modifications to screen attributes for Review/Edit Assessment Access Dates screen.

10.3.1 Input

10.3.1.1 Input Records

Input records are not applicable for the REVIEW/EDIT ASSESSMENT ACCESS DATES screen.

10.3.1.2 Input Data Elements

No modifications to the input data elements for the REVIEW/EDIT ASSESSMENT ACCESS DATES screen.
10.3.2 Output

10.3.2.1 Output Records

Output records are not applicable for the REVIEW/EDIT ASSESSMENT ACCESS DATES screen.

10.3.2.2 Output Data Elements

No modifications to the output data elements for the REVIEW/EDIT ASSESSMENT ACCESS DATES screen.

10.3.3 Software Relationships

No modifications to software relationship for the REVIEW/EDIT ASSESSMENT ACCESS DATES screen.

10.3.4 Software Unit Logic

The following sections contain the detailed software unit logic.

Object Action Table

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
</table>

No modifications to screen logic for the REVIEW/EDIT ASSESSMENT ACCESS DATES screen.
11.0 RESIDENT ASSESSMENT – IMPLEMENTATION PLAN
11. RESIDENT ASSESSMENT – IMPLEMENTATION PLAN

11.1 Program Description

New/Modified: Modified

Description:
Modification made to the Resident Assessment – Implementation Plan screen will allow verification of the Implementation Plan Activity Date against the user-specified window.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>1.2.4.1</td>
<td>514 - 519</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

11.1.2 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT ASSESSMENT – IMPLEMENTATION PLAN</td>
<td>Modified</td>
<td>Modification made to the Resident Assessment – Implementation Plan screen will allow verification of the Implementation Plan Activity Date against the user-specified window.</td>
</tr>
</tbody>
</table>

11.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.
11.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

11.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

11.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

11.2 Environment

11.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

11.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

11.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).
11.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

11.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

11.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

11.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

11.2.4 Security

Screen/Object Level Security

<table>
<thead>
<tr>
<th>Action</th>
<th>Create</th>
<th>Read</th>
<th>Update</th>
<th>Delete</th>
<th>Detailed Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIP</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>Create/Save/Update PHA Implementation Plan Data</td>
</tr>
<tr>
<td>CIP</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>Certify PHA Implementation Plan Data.</td>
</tr>
</tbody>
</table>

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0. System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

11.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.

11.3 Detail Designs

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the capability to verify the Implementation Plan Activity Date against the user specified window.</td>
<td>1</td>
</tr>
</tbody>
</table>

Screen Layout:
Screen Attribute Table
No modifications to attributes for the Resident Assessment – Implementation Plan screen.
11.3.1 Input

11.3.1.1 Input Records

Input records are not applicable for the Implementation Plan screen.

11.3.1.2 Input Data Elements

No modifications to input data elements for the Implementation Plan screen.

11.3.2 Output

11.3.2.1 Output Records

Output records are not applicable for the Implementation Plan screen.

11.3.2.2 Output Data Elements

Output data elements are not applicable for the Implementation Plan screen.

11.3.3 Software Relationships

No modifications to software relationships for the Implementation Plan screen.
11.3.4 Software Unit Logic

The following sections contain the detailed software unit logic.

Object Action Table

<table>
<thead>
<tr>
<th>Object</th>
<th>Action</th>
<th>Response</th>
<th>Logic Ref. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Save” or “Certify” button</td>
<td>Click</td>
<td>JavaScript function validates if activity dates entered are inside of user specified window.</td>
<td>1</td>
</tr>
</tbody>
</table>

Logic Ref. # 1

Pre-Status: User enters dates (and text for Other Activities) and clicks “Save” or “Certify” button.

Logic:

1. Modifications made to report

The only modification that made to this program is additional JavaScript validation:

```javascript
function checkRange(STR)
{
    var actDate = new Date(STR);
    var curDate = new Date();
    var begin   = new Date(document.forms[0].act_begin.value)
    var end     = new Date(document.forms[0].act_end.value)

    if (actDate > curDate || actDate < begin || actDate > end) {return false}

    return true
}
```

Post-Status: If dates are correct all entered information will be saved and screen reloaded.
12.0 RASS GET PHA SCORES STORED PROCEDURE
12. RASS GET PHA SCORES STORED PROCEDURE

12.1 Program Description

New/Modified: Modified

File name: s_rass_get_pha_scores1.sql

Description:
Modification to this procedure will allow users to retrieve the PHA report by specific flagged category.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>4.5.0</td>
<td>557</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

12.1.1 Software Unit Description

The following table provides an overview of the software unit.
Please note that the screen number is included in parentheses () next to the screen name.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get PHA Scores</td>
<td>Modified</td>
<td>Modification to this procedure will allow users to retrieve the PHA report by specific flagged category.</td>
</tr>
</tbody>
</table>

12.1.2 Software Unit

Please refer to Appendix A: New and Modified System Screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.
12.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

12.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

12.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

12.2 Environment

12.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

12.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

12.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).
12.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

12.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

12.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

12.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

12.2.4 Security

No specific security requirements apply to the RASS Get PHA Scores Stored Procedure.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

12.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
12.3 Detail Designs

12.3.1 Input

The following subsections contain information on input records and data elements for the RASS Scoring Stored Procedure.

12.3.1.1 Input Records

Input records are not applicable to the RASS Get PHA Scores Stored Procedure.

12.3.1.2 Input Data Elements

Added new input data element: @category CHAR(3)

12.3.2 Output

12.3.2.1 Output Records

No modifications made to output reports to the RASS Get PHA Scores Stored Procedure.

12.3.2.2 Output Data Elements

No modifications made to output data elements to the RASS Get PHA Scores Stored Procedure.

12.3.3 Software Relationships

Software Relationships are not applicable to the RASS Get PHA Scores Stored Procedure.

12.3.4 Software Unit Logic

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modify software to provide users with capability to retrieve the PHA report by specific “flagged” category.</td>
<td>1</td>
</tr>
</tbody>
</table>

The following sections contain the detailed software unit logic modifications.

Object Action Table
12. RASS Get PHA Scores Stored Procedure

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Added code to narrow set of data to requested flagged categories.</td>
</tr>
</tbody>
</table>

**Logic Ref. # 1**

<table>
<thead>
<tr>
<th>Pre-Status:</th>
<th>Local variables are being defined (specified only new)</th>
</tr>
</thead>
</table>
| User selects specific flagged category on the screen. | IF @category <> 'ALL'  
BEGIN  
  DELETE FROM #participants  
  WHERE NOT EXISTS (SELECT *  
    FROM participant_assess_action  
    WHERE participant_id = #participantsparticipant_id  
    AND assessment_id = #participantsassessment_id  
    AND version_id = #participantsversion_id  
    AND group_id = #participantsgroup_id  
    AND action_code = @category)  
  IF @@error <> 0  
  BEGIN  
    SELECT @rc = 26, @reason = 'Could not delete from #participants.'  
    GOTO COMMON_EXIT  
  END  
END |

IF @category <> 'ALL'  
BEGIN  
  DELETE FROM #participants  
  WHERE NOT EXISTS (SELECT *  
    FROM participant_assess_action  
    WHERE participant_id = #participantsparticipant_id  
    AND assessment_id = #participantsassessment_id  
    AND version_id = #participantsversion_id  
    AND group_id = #participantsgroup_id  
    AND action_code = @category)  
  IF @@error <> 0  
  BEGIN  
    SELECT @rc = 26, @reason = 'Could not delete from #participants.'  
    GOTO COMMON_EXIT  
  END  
END |
13.0 GET FLAGGED CATEGORY STORED PROCEDURE
13. GET FLAGGED CATEGORY STORED PROCEDURE

13.1 Program Description

New/Modified: New

File name: sp_rass_get_flagged_category

Description:
This procedure will allow users to select a Flagged Category on the Resident Assessment - Review/Approve PHA Scores.

Traceability:
The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>4.5.0</td>
<td>556</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

13.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get Flagged Category Stored Procedure</td>
<td>New</td>
<td>This procedure will allow users to select a Flagged Category on the Resident Assessment - Review/Approve PHA Scores.</td>
</tr>
</tbody>
</table>

13.1.2 Software Unit

Please refer to Appendix A: New and Modified System Screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

13.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.
13.0 Get Flagged Category Stored Procedure

13.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

13.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

13.2 Environment

13.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

13.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0 System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

13.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

13.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

13.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.
13.0 Get Flagged Category Stored Procedure

13.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

13.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

13.2.4 Security

No specific security requirements apply to the Get Flagged Category Stored Procedure.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

13.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.

13.3 Detail Designs

13.3.1 Input

The following subsections contain information on input records and data elements for the RASS Scoring Stored Procedure.

13.3.1.1 Input Records

Input records are not applicable for the Get Flagged Category Stored Procedure.

13.3.1.2 Input Data Elements

Added new input data element: @rc Char(3)
@reason Varchar(255)

13.3.2 Output
13.0 Get Flagged Category Stored Procedure

13.3.2.1 Output Records

Output records are not applicable for the Get Flagged Category Stored Procedure.

13.3.2.2 Output Data Elements

Output data elements are not applicable for the Get Flagged Category Stored Procedure.

13.3.3 Software Relationships

<table>
<thead>
<tr>
<th>Program Page</th>
<th>Linking Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get Flagged Category Stored Procedure</td>
<td>review_editPHA_scores.cfm</td>
</tr>
<tr>
<td></td>
<td>review_editPHA_scores_p1.cfm</td>
</tr>
</tbody>
</table>

13.3.4 Software Unit Logic

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modify software to provide users with capability to retrieve the PHA report by specific “flagged” category.</td>
<td>1</td>
</tr>
</tbody>
</table>

The following sections contain the detailed software unit logic modifications.

Object Action Table

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Added code to narrow set of data to requested flagged categories.</td>
</tr>
</tbody>
</table>

Logic Ref. # 1

<table>
<thead>
<tr>
<th>Pre-Status:</th>
<th>Local variables are being defined (specified only new)</th>
</tr>
</thead>
<tbody>
<tr>
<td>User selects specific flagged category on the screen.</td>
<td>SELECT action_code, status_description FROM business_interaction WHERE system_id = &quot;RASS&quot; AND action_code LIKE &quot;FS%&quot; ORDER BY action_code</td>
</tr>
</tbody>
</table>
14.0 RESIDENT ASSESSMENT - PHA GENERAL INFORMATION
14. RESIDENT ASSESSMENT - PHA GENERAL INFORMATION

14.1 Program Description

New/Modified: Modified

Description:

Modification to the report on the Resident Assessment - PHA General Information screen will display additional unit counts:

**PHA LEVEL**

- Total Units (PIC)
- Section 8 Units (PIC)
- Low Rent Units (PIC)
- Occupied Units with Addresses

**PROJECT LEVEL**

- Low Rent Units (PIC)
- Occupied Units with Addresses
- Number of units with valid mailing and/or physical addresses

**Traceability:**

The following table traces the screen design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>3.8.1</td>
<td>524 - 531</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available
14.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT ASSESSMENT – PHA GENERAL INFORMATION</td>
<td>Modified</td>
<td>Modification to the report on the Resident Assessment - PHA General Information screen will display additional unit counts:</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PHA LEVEL</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Section 8 Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low Rent Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Occupied Units with Addresses</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PROJECT LEVEL</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low Rent Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Occupied Units with Addresses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Number of units with valid mailing and/or physical addresses</td>
</tr>
</tbody>
</table>

14.1.2 Software Unit

Please refer to Appendix A: New and Modified System screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

14.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

14.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

14.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

14.2 Environment
14.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

14.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

14.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

14.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

14.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

14.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

14.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

14.2.4 Security

Screen/Object Level Security
14.0 Resident Assessment – PHA General Information Screen

<table>
<thead>
<tr>
<th>Action</th>
<th>Create</th>
<th>Read</th>
<th>Update</th>
<th>Delete</th>
<th>Detailed Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RRR</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>This is a permission to read RASS REAC Reports (generated from RASS Main screen for internal users)</td>
</tr>
</tbody>
</table>

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

14.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.

14.3 Detail Designs

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the capability to display additional unit counts:</td>
</tr>
<tr>
<td><strong>PHA LEVEL</strong></td>
</tr>
<tr>
<td>Total Units (PIC)</td>
</tr>
<tr>
<td>Section 8 Units (PIC)</td>
</tr>
<tr>
<td>Low Rent Units (PIC)</td>
</tr>
<tr>
<td>Occupied Units with Addresses</td>
</tr>
<tr>
<td><strong>PROJECT LEVEL</strong></td>
</tr>
<tr>
<td>Low Rent Units (PIC)</td>
</tr>
<tr>
<td>Occupied Units with Addresses</td>
</tr>
<tr>
<td>Number of units with valid mailing and/or physical addresses</td>
</tr>
<tr>
<td>Number</td>
</tr>
</tbody>
</table>
Screen Layout:

**RESIDENT ASSESSMENT - PHA GENERAL INFORMATION**

The following tables provide general information of the PHA as well as a list of all Project ID(s) and Property Name(s) within the selected PHA. All PIC unit counts reflect current data, whereas other unit counts correspond to the last time RASS assessment was created for the PHA.

**AL047 - The Housing Authority of the City of Huntsville**

<table>
<thead>
<tr>
<th>PHA General Information</th>
<th>Contact Information</th>
<th>Historical Survey Scores</th>
<th>Historical Approval and Certification Dates</th>
<th>Historical Survey Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Office Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participant ID</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Fiscal Year End</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHA Phone Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PHA General Information**

<table>
<thead>
<tr>
<th>PHA ID</th>
<th>The Housing Authority of the City of Huntsville</th>
<th>Total Units (PIC)</th>
<th>2,363</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL047</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Field Office Name**

BIRMINGHAM HUB OFFICE

**Participant ID**

46930000000

**Current Fiscal Year End**

03/31/2004

**PHA Phone Number**

(256) 534-0774

**Total Properties: 16**

<table>
<thead>
<tr>
<th>Project ID</th>
<th>Property Name</th>
<th>Low Rent Units (PIC)</th>
<th>Occupied Units with Addresses</th>
<th>Surveyable Units *</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL047018</td>
<td>Scattered Sites</td>
<td>180</td>
<td>175</td>
<td>175</td>
</tr>
<tr>
<td>AL09P07021</td>
<td>COUNCILL COURTS</td>
<td>170</td>
<td>162</td>
<td>162</td>
</tr>
<tr>
<td>AL09P07022</td>
<td>BUTLER TERRACE</td>
<td>171</td>
<td>141</td>
<td>141</td>
</tr>
<tr>
<td>AL09P07023</td>
<td>SPARKMAN HOMES</td>
<td>84</td>
<td>81</td>
<td>81</td>
</tr>
<tr>
<td>AL09P07024</td>
<td>BUTLER TERRACE ADDN</td>
<td>288</td>
<td>259</td>
<td>259</td>
</tr>
<tr>
<td>AL09P07025</td>
<td>BROOKSIDE AND LINCOLN PARK</td>
<td>289</td>
<td>256</td>
<td>256</td>
</tr>
<tr>
<td>AL09P07026</td>
<td>NORTHWOODS</td>
<td>194</td>
<td>184</td>
<td>184</td>
</tr>
<tr>
<td>AL09P07027</td>
<td>NORTHWOODS ADDN</td>
<td>100</td>
<td>113</td>
<td>113</td>
</tr>
<tr>
<td>AL09P07028</td>
<td>JOHNSON TOWERS</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AL09P07029</td>
<td>DRAKE TOWERS</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AL09P07030</td>
<td>SERRCY HOMES</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AL09P07031</td>
<td>TIDD TOWERS</td>
<td>100</td>
<td>97</td>
<td>97</td>
</tr>
<tr>
<td>AL09P07032</td>
<td>HUNTSVILLE</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AL09P07033</td>
<td>HUNTSVILLE</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AL09P07034</td>
<td>L.R. PATTON APARTS</td>
<td>100</td>
<td>93</td>
<td>93</td>
</tr>
<tr>
<td>AL09P07035</td>
<td>L.R. PATTON APARTS ADDN</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

* Number of units with valid mailing and/or physical addresses

Screen Attribute Table

No modifications to attributes for the Resident Assessment – PHA General Information screen.
14.3.1 Input

14.3.1.1 Input Records

Input records are not applicable for the Resident Assessment – PHA General Information screen.

14.3.1.2 Input Data Elements

No modifications to input data elements applicable for the PHA General Information screen.

14.3.2 Output

14.3.2.1 Output Records

Output records are not applicable for the Resident Assessment – PHA General Information screen.

14.3.2.2 Output Data Elements

No modifications to output data elements applicable for the Resident Assessment – PHA General Information screen.

14.3.3 Software Relationships

No modifications to software relationship for the Resident Assessment – PHA General Information screen.

14.3.4 Software Unit Logic

No modifications to unit logic for the Resident Assessment – PHA General Information screen.
15.0 FLAGGED PHA ADDRESS REPORT
15. **RASS GET PHA INFORMATION STORED PROCEDURE**

15.1 **Program Description**

**New/Modified:** Modified

**File name:** sp_rass_pha_information.sql

**Description:**
Modification to this procedure will allow users to see the PHA information including additional counts:

**PHA LEVEL**

- Total Units (PIC)
- Section 8 Units (PIC)
- Low Rent Units (PIC)
- Occupied Units with Addresses

**PROJECT LEVEL**

- Low Rent Units (PIC)
- Occupied Units with Addresses
- Number of units with valid mailing and/or physical addresses

**Traceability:**
The following table traces the procedure design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>3.8.1</td>
<td>524 - 531</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available
15.0 RASS Get PHA Information Stored Procedure

15.1.1 Software Unit Description

The following table provides an overview of the software unit.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET PHA INFORMATION STORED PROCEDURE.</td>
<td>Modified</td>
<td>Modification to this procedure will allow users to see the PHA information including additional counts:</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PHA LEVEL</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Section 8 Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low Rent Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Occupied Units with Addresses</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PROJECT LEVEL</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low Rent Units (PIC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Occupied Units with Addresses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Number of units with valid mailing and/or physical addresses</td>
</tr>
</tbody>
</table>

15.1.2 Software Unit

Please refer to Appendix A: New and Modified System Screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.

15.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

15.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

15.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.
15.2 Environment

15.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

15.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

15.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).

15.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

15.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

15.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

15.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.
15.0 RASS Get PHA Information Stored Procedure

15.2.4 Security

No specific security requirements apply to the RASS Get PHA Information Stored Procedure.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

15.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.

15.3 Detail Designs

15.3.1 Input

The following subsections contain information on input records and data elements for the RASS Scoring Stored Procedure.

15.3.1.1 Input Records

Input records are not applicable to the sp_rass_pha_information.sql procedure.

15.3.1.2 Input Data Elements

No modifications made to input data elements

15.3.2 Output

15.3.2.1 Output Records

Modifications made to output record for general PHA information.
Modifications made to output record for general Project information.

15.3.2.2 Output Data Elements

No modifications made to output data elements

15.3.3 Software Relationships

No modifications made to software relationships
User selects “PHA Address Report” or “Flagged PHA Address Report” in Reporting area and single clicks “go” button on RASS main screen. If “PHA Address Report” was selected, user click “Flag Distribution” button at the bottom of the report.
15.3.4 Software Unit Logic

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the capability to display additional unit counts:</td>
<td>1</td>
</tr>
</tbody>
</table>

**PHA LEVEL**
- Total Units (PIC)
- Section 8 Units (PIC)
- Low Rent Units (PIC)
- Occupied Units with Addresses

**PROJECT LEVEL**
- Low Rent Units (PIC)
- Occupied Units with Addresses
- Number of units with valid mailing and/or physical addresses

The following sections contain the detailed software unit logic modifications.

**Object Action Table**

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Added code to retrieve required unit counts on PHA level.</td>
</tr>
<tr>
<td>2.</td>
<td>Added code to retrieve required unit counts on Project level.</td>
</tr>
</tbody>
</table>

**Logic Ref. # 1**

**Pre-Status:** User requests PHA history report.

**Population temp table with requested information.**

MODIFICATIONS MADE:

1.1 Straight select of PHA general information replaced with temp table that needed for collecting additional information:

```sql
CREATE TABLE #pha_info(
  phone_number  NUMERIC(16)  NULL,
  ext_number     NUMERIC(10)  NULL,
  common_name    VARCHAR(255) NULL,
  center_name    VARCHAR(255) NULL,
  email_address  VARCHAR(100) NULL,
  low_rent_count NUMERIC(10)  NULL,
  section8_count NUMERIC(10)  NULL,
  total_un_count NUMERIC(10)  NULL,
  occupied_count NUMERIC(10)  NULL)

INSERT INTO #pha_info (phone_number, ext_number, common_name, center_name, email_address, low_rent_count, section8_count, total_un_count, occupied_count)
SELECT  PC.contact_phone_number, PC.contact_phone_ext_number, PAparticipant_common_name,
```
15.0 RASS Get PHA Information Stored Procedure

Pre-Status: Populate temp table with requested information.

```
PR.program_center_name, 
PR.email_address, 
PU.total_low_rent_unit_count, 
PU.total_section8_unit_count, 
PU.total_unit_count, 
NULL
FROM  pih_all_participant PA NOHOLDLOCK, 
participant_contact PC NOHOLDLOCK, 
program_center PR NOHOLDLOCK, 
participant_unit PU NOHOLDLOCK
WHERE  PR.program_center_identifier = PA.program_center_identifier
AND    PA.participant_id = PU.participant_id
AND    PA.participant_id = PC.participant_id
AND    PA.participant_id = @participant
AND    PA.pha_id = @pha_id

UPDATE #pha_info
SET  occupied_count = (SELECT SUM(occupied_count)
FROM  #projects)
```

1.2 Return final dataset to the calling program

```
SELECT *
FROM  #pha_info
```

Pre-Status: Populate temp table with requested information.

User requests PHA history report.

MODIFICATIONS MADE:

1.1 Added 3 columns to temp table #projects to populate unit counts:

```
CREATE TABLE #projects(
proj_id              NUMERIC(10,0) IDENTITY,
project_id           VARCHAR(14) NOT NULL,
base_project         VARCHAR(14) NULL,
project_name         VARCHAR(40) NOT NULL,
low_rent_count       NUMERIC(6,0) NULL,
srvbl_un_count       NUMERIC(6,0) NULL,
occupied_count       NUMERIC(6,0) NULL)
```

1.2 Modifications made to program to populate new columns:

```
INSERT INTO #projects (project_id, project_name, base_project, low_rent_count)
SELECT PP.project_id, PP.project_name,
(CASE WHEN PP.base_project_extension_id <> NULL
THEN PP.base_project_id + PP.base_project_extension_id ELSE PP.base_project_id END),
total_project_units_count
FROM  pih_project PP NOHOLDLOCK
WHERE  PP.participant_id = @participant
ORDER BY 1
```
15.0 RASS Get PHA Information Stored Procedure

<table>
<thead>
<tr>
<th>Pre-Status:</th>
<th>Populate temp table with requested information.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>UPDATE #projects</td>
</tr>
<tr>
<td></td>
<td>SET occupied_count = (SELECT COUNT(*)</td>
</tr>
<tr>
<td></td>
<td>FROM resident_survey_unit_profile NOHOLDLOCK</td>
</tr>
<tr>
<td></td>
<td>WHERE project_id = #projects.project_id)</td>
</tr>
<tr>
<td></td>
<td>UPDATE #projects</td>
</tr>
<tr>
<td></td>
<td>SET srvbl_un_count = (SELECT COUNT(DISTINCT pf.resident_survey_unit_id)</td>
</tr>
<tr>
<td></td>
<td>FROM resident_survey_unit_profile pf NOHOLDLOCK,</td>
</tr>
<tr>
<td></td>
<td>resident_survey_unit_address ad NOHOLDLOCK</td>
</tr>
<tr>
<td></td>
<td>WHERE pf.resident_survey_unit_id = ad.resident_survey_unit_id</td>
</tr>
<tr>
<td></td>
<td>AND pf.project_id = #projects.project_id</td>
</tr>
<tr>
<td></td>
<td>AND NOT EXISTS (</td>
</tr>
<tr>
<td></td>
<td>SELECT *</td>
</tr>
<tr>
<td></td>
<td>FROM resident_survey_address_status</td>
</tr>
<tr>
<td></td>
<td>WHERE resident_survey_unit_id = ad.resident_survey_unit_id</td>
</tr>
<tr>
<td></td>
<td>AND address_type_code = ad.address_type_code)</td>
</tr>
</tbody>
</table>

**Frequency**

The RASS Get PHA Information procedure will be run on user’s demand.
16.0 RASS PHA HISTORY REPORT STORED PROCEDURE
16. **RASS PHA HISTORY REPORT STORED PROCEDURE**

16.1 **Program Description**

**New/Modified:** Modified

**File name:** sp_rass_history_report.sql

**Description:**
Modification to this procedure will indicate whether a Follow-Up Plan is not required.

**Traceability:**
The following table traces the procedure design to a business rule, system function, system requirement, source, and REAC Issue Tracking system change request (SCR) number.

<table>
<thead>
<tr>
<th>Bus. Rule #</th>
<th>System Function #</th>
<th>System Req #</th>
<th>Source</th>
<th>SCR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>3.8.1</td>
<td>532</td>
<td>User Requirement</td>
<td>1565</td>
</tr>
</tbody>
</table>

* Business Rule not available

16.1.1 **Software Unit Description**

The following table provides an overview of the software unit.
Please note that the screen number is included in parentheses () next to the screen name.

<table>
<thead>
<tr>
<th>Screen/Program Name</th>
<th>New/Modified</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHA HISTORY REPORT STORED PROCEDURE.</td>
<td>Modified</td>
<td>Modification to this procedure will indicate whether a Follow-Up Plan is not required.</td>
</tr>
</tbody>
</table>

16.1.2 **Software Unit**

Please refer to Appendix A: New and Modified System Screens and Navigation for diagrams that give visual representations of the new and modified internal and external RASS Public Housing screen flows.
16.1.3 Accuracy and Validity

Please refer to Section 2.3 Accuracy and Validity of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the accuracy and validity of RASS Release 8.4.0.0.

16.1.4 Timing

Please refer to Section 2.4 Timing of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the timing of RASS Release 8.4.0.0.

16.1.5 Adaptability

Please refer to Section 2.5 Adaptability of the RASS Release 8.4.0.0 System/Subsystem Specifications for general information and performance requirements relating to the adaptability of RASS Release 8.4.0.0.

16.2 Environment

16.2.1 Support Software Environment

Please refer to Section 3.3 Software Environment of the RASS Release 8.4.0.0. System/Subsystem Specifications for general information relating to the support software used for RASS Release 8.4.0.0.

16.2.2 Interfaces

Please refer to Section 3.4 Software Interfaces of the RASS Release 8.4.0.0. System/Subsystem Specifications for a specific description of the points of interaction between RASS Release 8.4.0.0 and other systems/subsystems.

16.2.3 Storage

The HUD IT and DCG teams maintain software storage procedures and details. Data storage requirements are available in “Section 2.6 Data Storage” of the Data Requirements Document (Define Phase deliverables). Additional references are available in “Section 3.3 Storage Requirements” of the Database Specifications (Design Phase deliverables).
16.2.3.1 Internal Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

16.2.3.2 Device Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

16.2.3.3 Offline Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

16.2.3.4 Temporary and Permanent Storage

Please refer to Section 3.1.2 Storage Media of the RASS Release 8.4.0.0 System/Subsystem Specifications for information on system storage.

16.2.4 Security

No specific security requirements apply to the RASS PHA History Report Stored Procedure.

Please refer to Section 2.0 Security Considerations of the RASS Release 8.4.0.0 System Security and Privacy Plan for overall RASS Release 8.4.0.0 security information.

16.2.5 Communications Environment

RASS requires that users access it via the Internet or intranet. All communications are done through this medium.
16.3  Detail Designs

16.3.1  Input

The following subsections contain information on input records and data elements for the RASS Scoring Stored Procedure

16.3.1.1  Input Records

Input records are not applicable to the sp_rass_history_report.sql procedure

16.3.1.2  Input Data Elements

No modifications made to input data elements.

16.3.2  Output

16.3.2.1  Output Records

No modifications made to output records.

16.3.2.2  Output Data Elements

No modifications made to output data elements

16.3.3  Software Relationships

No modifications made to software relationships.

16.3.4  Software Unit Logic

Module Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the capability to indicate if Follow-Up plan is not required</td>
<td>1</td>
</tr>
</tbody>
</table>

Program Specifications 16-4  
FINAL 8/20/2004
The following sections contain the detailed software unit logic modifications.

### Object Action Table

<table>
<thead>
<tr>
<th>Function #</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Update temp table to indicate if Follow-Up plan is not required.</td>
</tr>
</tbody>
</table>

### Logic Ref. #1

<table>
<thead>
<tr>
<th>Pre-Status:</th>
<th>Populate temp table with requested information.</th>
</tr>
</thead>
<tbody>
<tr>
<td>User requests PHA history report.</td>
<td>MODIFICATIONS MADE:</td>
</tr>
</tbody>
</table>

**1.3 Added additional column to temp table #approval_dates to indicate if Follow-Up plan is not required**

CREATE TABLE #approval_dates(
  fyed DATETIME NOT NULL,
  ind_score DATETIME NULL,
  ind_invdt CHAR(1) NULL,
  srv_score DATETIME NULL,
  unt_addrs DATETIME NULL,
  imp_plan DATETIME NULL,
  flp_plan DATETIME NULL,
  flp_rqrd CHAR(1) NULL)

**1.4 Update value in new column:**

UPDATE #approval_dates
SET flp_rqrd = (SELECT 'N'
                FROM #final_score
                WHERE fyed = #approval_dates.fyed
                AND group_03 IS NOT NULL AND group_03 >= 0.75
                AND group_04 IS NOT NULL AND group_04 >= 0.75
                AND group_05 IS NOT NULL AND group_05 >= 0.75
                AND group_06 IS NOT NULL AND group_06 >= 0.75
                AND group_07 IS NOT NULL AND group_07 >= 0.75)

### Frequency

The RASS PHA HISTORY REPORT procedure will be run on user’s demand.
Appendix A: Screen Navigation Diagram

The following diagram is a visual representation of the new and modified internal and external RASS Public Housing screen flows. Please note that screen numbers are included in parentheses () under each screen name.

Visual Representation of internal REAC RASS Screen flow associated with new or modified logic.