[](http://www.brandsoftheworld.com/download/brand/10943.html)

Center for Biomedical Informatics and Information Technology

caBIG® Clinical Information Suite

QA Test Summary Report

Sprint: RC4-I2-S1

April 8, 2011

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# Summary

## QA Sprint Cycle

* 1. Start: Mar 7, 2011
  2. Finish: Mar 18, 2011

## Code Validation

* + ESD delivered
    1. RC4-I1-S3 ESD tag on Mar 8, 2011
  + The artifacts from the Architecture drop of RC2-I3 was used in this tag
  + The following were delivered in the tags:
    1. 6 operations (createReferralOrder, withdrawReferralOrder , queryReferralOrderStatus, queryReferralResult , queryReferralOrder and reviseReferralOrder) from Referral Consult Service
    2. 1 operation (addOrganization) from Organization Registry service
    3. 1 operation (findProviderByExample) from Provider Registry service
    4. 1 operation (findPatientByExample) from Patient Registry service
    5. 1 mock service (retrieveMedication) from Medication List service
    6. 1 mock service (retrieveFamilyHistory) from Family History service
  + Regression testing was performed as follows:
    1. CI Automated Provision, Build, Deploy for all services.
    2. All Level 1 (smoke) tests executed for all services
    3. Level 2 and Level 3 tests (regression) executed for Referral Service
    4. Level 2 and Level 3 tests (automation implementation) progressed for Organization Registry Service
    5. All test cases affected by fixed defects and release notes were executed

## Specification Validation

* The specification/artifact documents for the following services were validated from the RC3-I3.1 Architecture drop
  + Referral Consult
  + Patient Registry
  + Provider Registry
  + Organization Registry
  + Lab Results
  + Security Authentication
  + Security Authorization
  + Security Federation

## Defect Validation

* 59 Defects were raised during this sprint
* 37 defects resolved/closed during this sprint

## Sprint Deliverables

**Test Summary Report**  
<http://caehrorg.jira.com/svn/CACIS/trunk/documents/QA/Test_Reports/caBIGClinicalInformationSuite_RC4I2S1_Test_Summary_Report.docx>

**Test Cases**<http://caehrorg.jira.com/svn/CACIS/trunk/documents/QA/Test_Cases/caBIGClinicalInformationSuite_TestCases_RC4I2S1.xls>

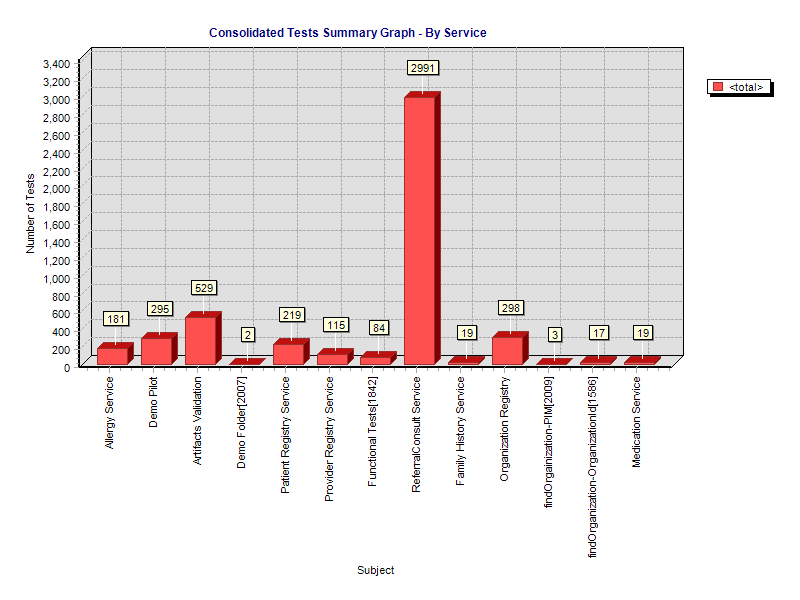
**Test Execution Report**[http://caehrorg.jira.com/svn/CACIS/trunk/documents/QA/Test\_Cases/caBIGClinicalInformationSuite TestExecutionReport RC4I2S1.mht](http://caehrorg.jira.com/svn/CACIS/trunk/documents/QA/Test_Cases/caBIGClinicalInformationSuite%20TestExecutionReport%20RC4I2S1.mht)

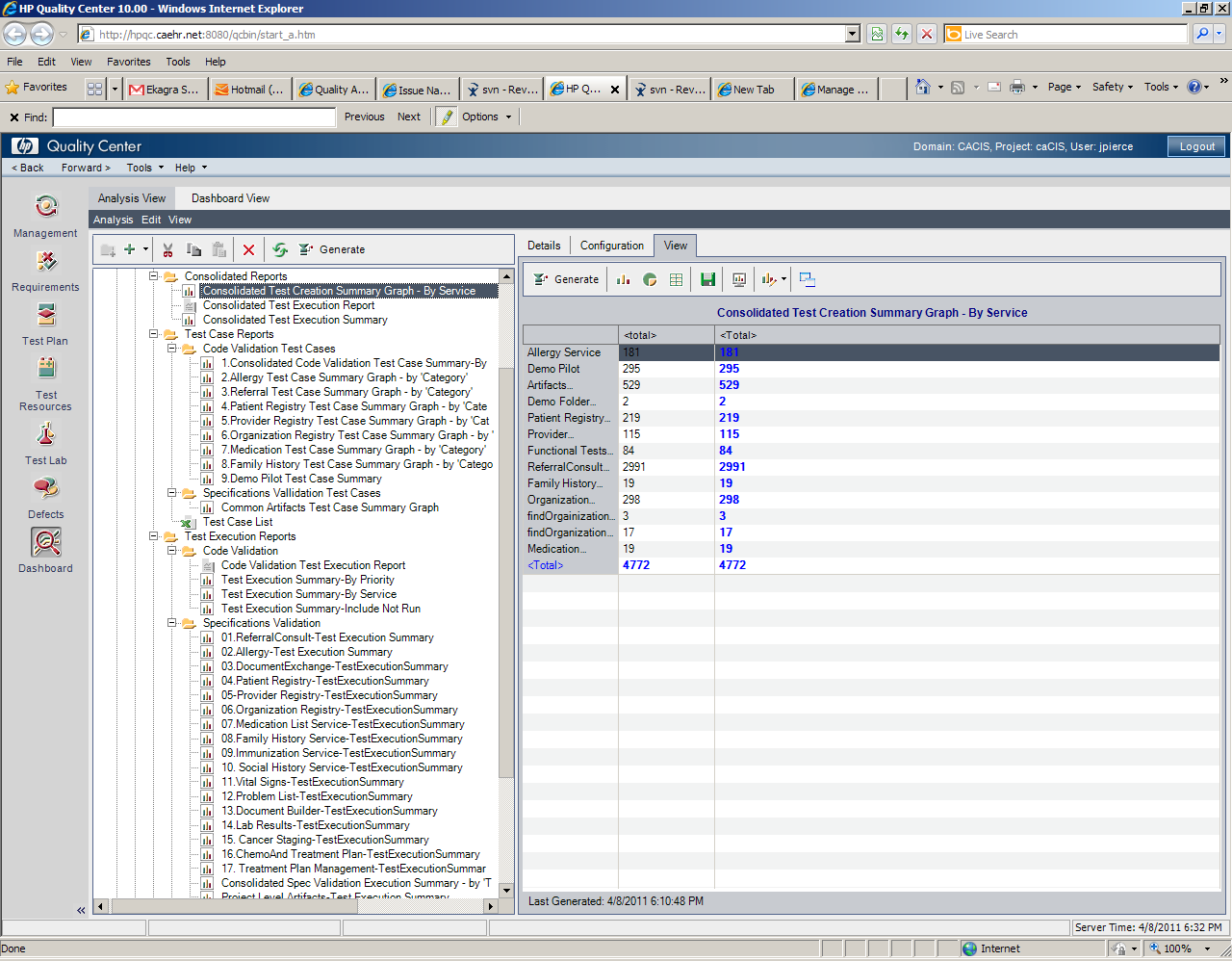
**Soap Test Scripts**<http://caehrorg.jira.com/svn/CACIS/trunk/documents/QA/soapUI_test_scripts/caBIGClinicalInformationSuite_RC4I2S1_TestScripts.zip>

# Test Case Creation

## Referral Management Business Capability

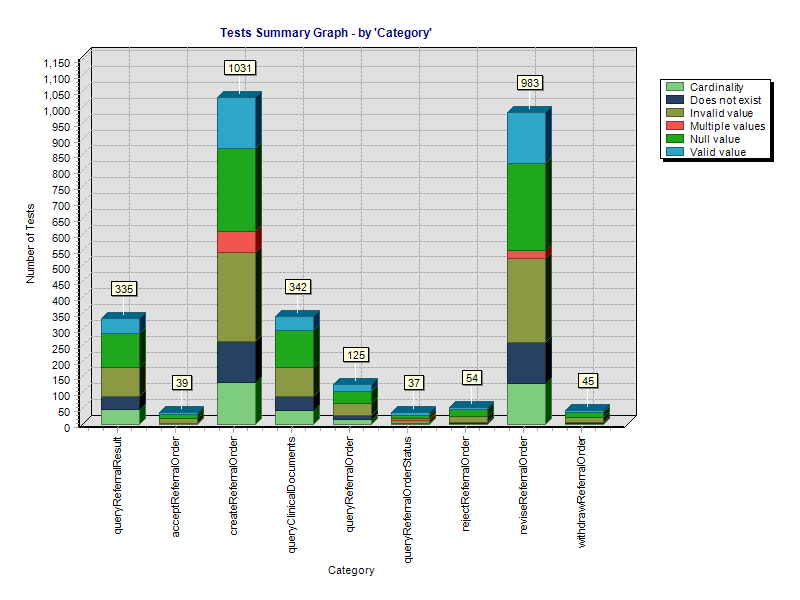
Total test case distribution for this business capability

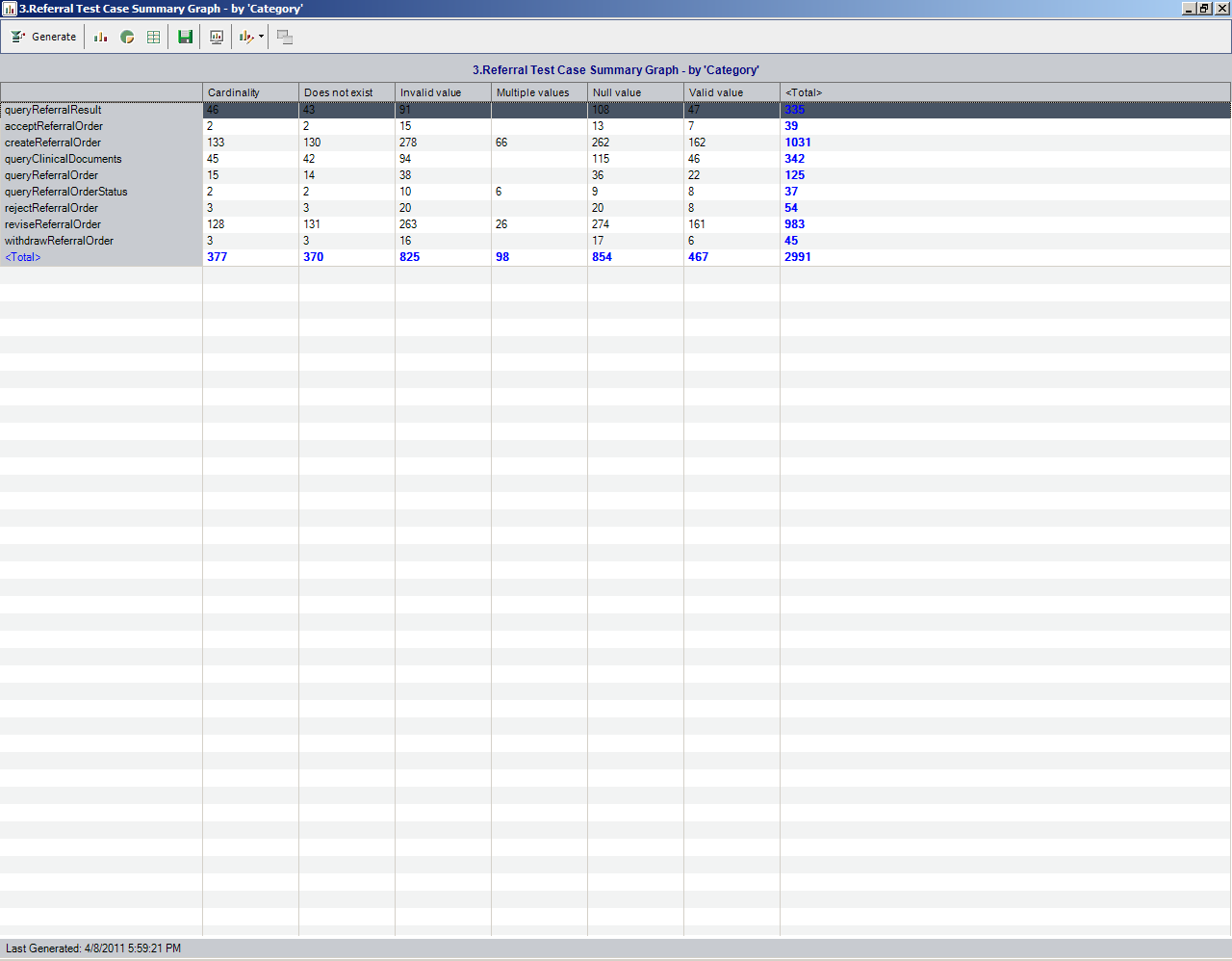




### Referral Consult Service

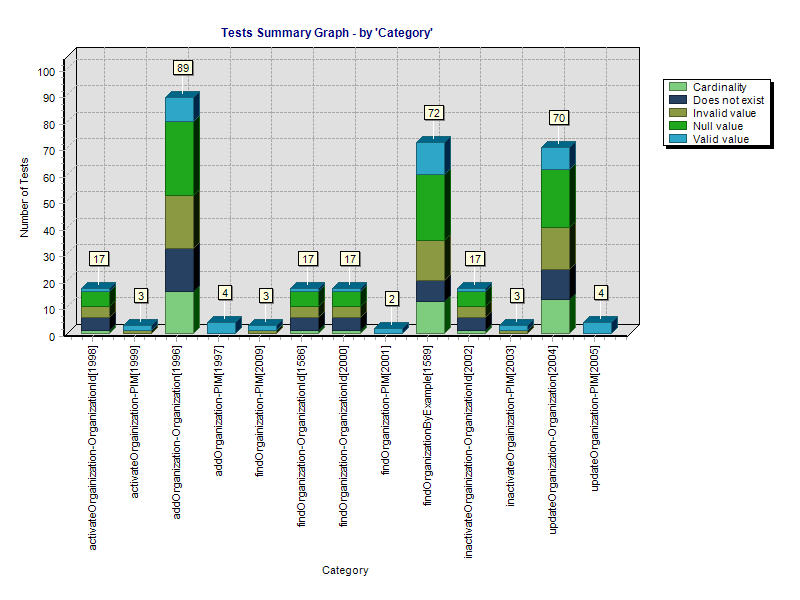
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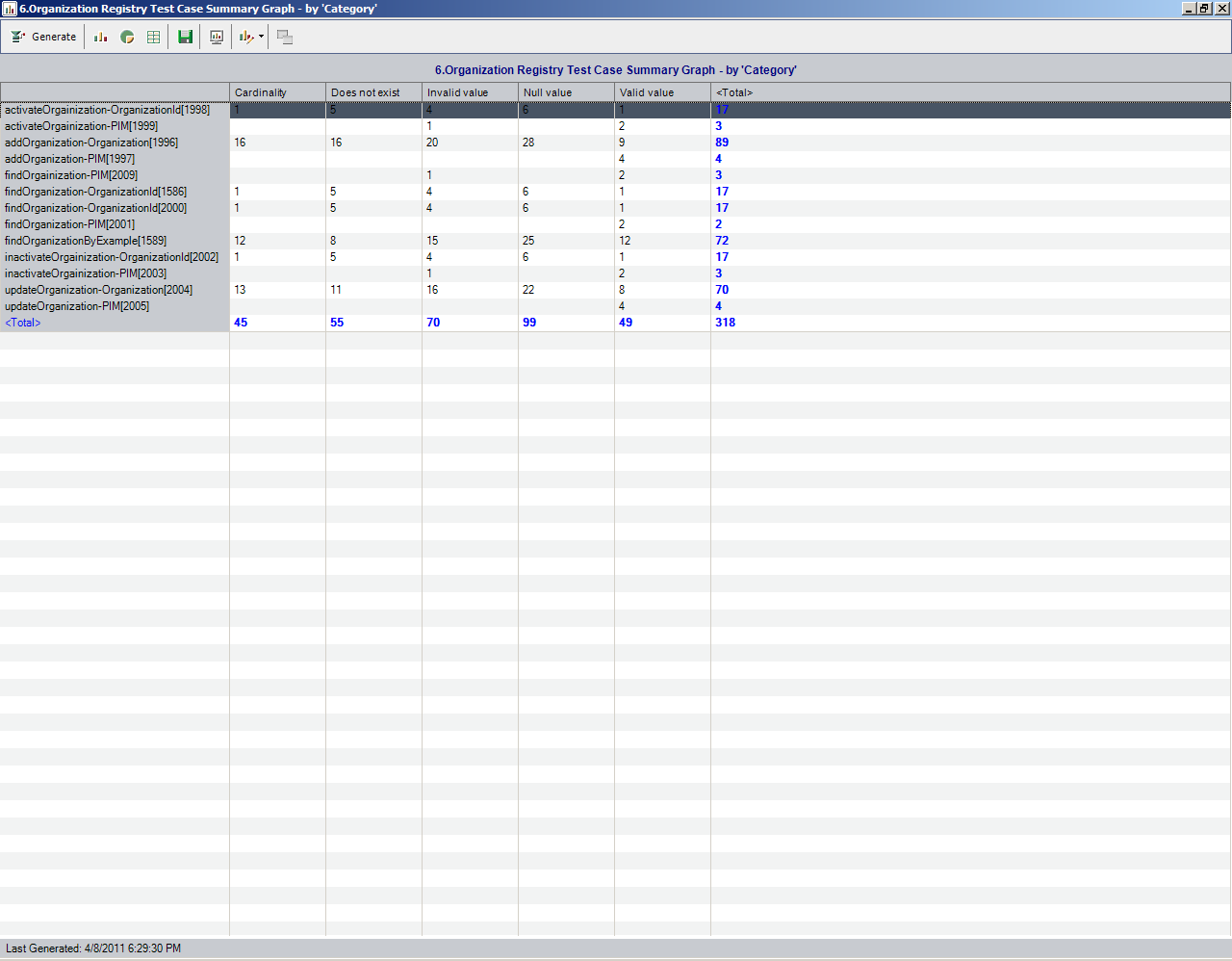




### Organization Registry Service

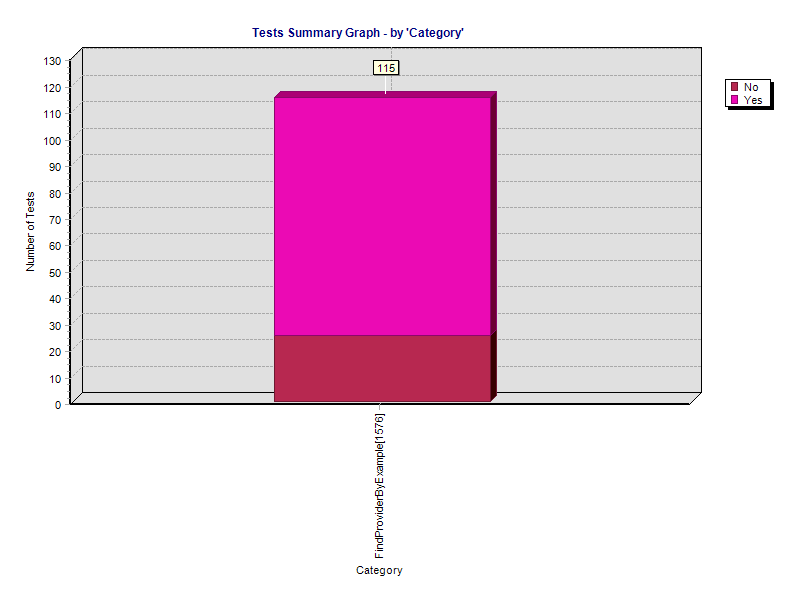
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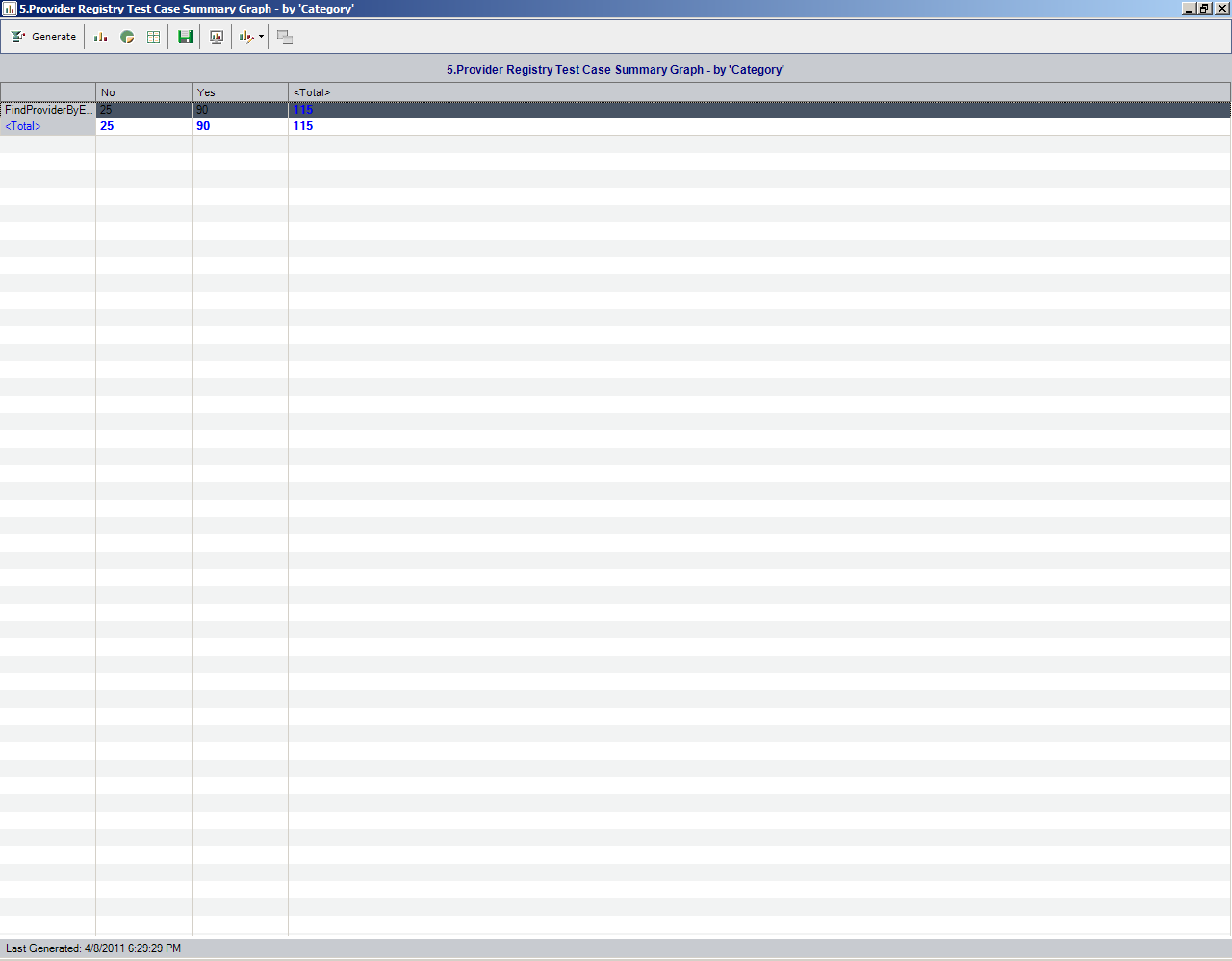




### Provider Registry Service

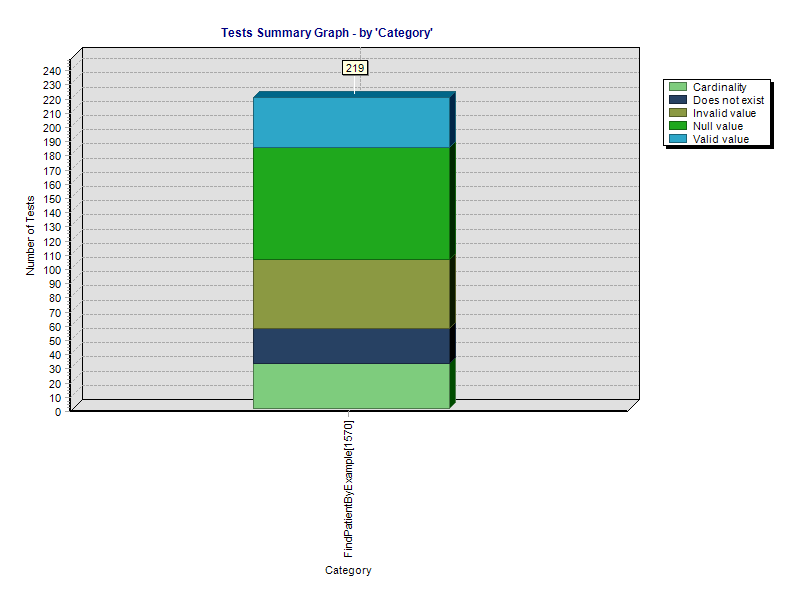
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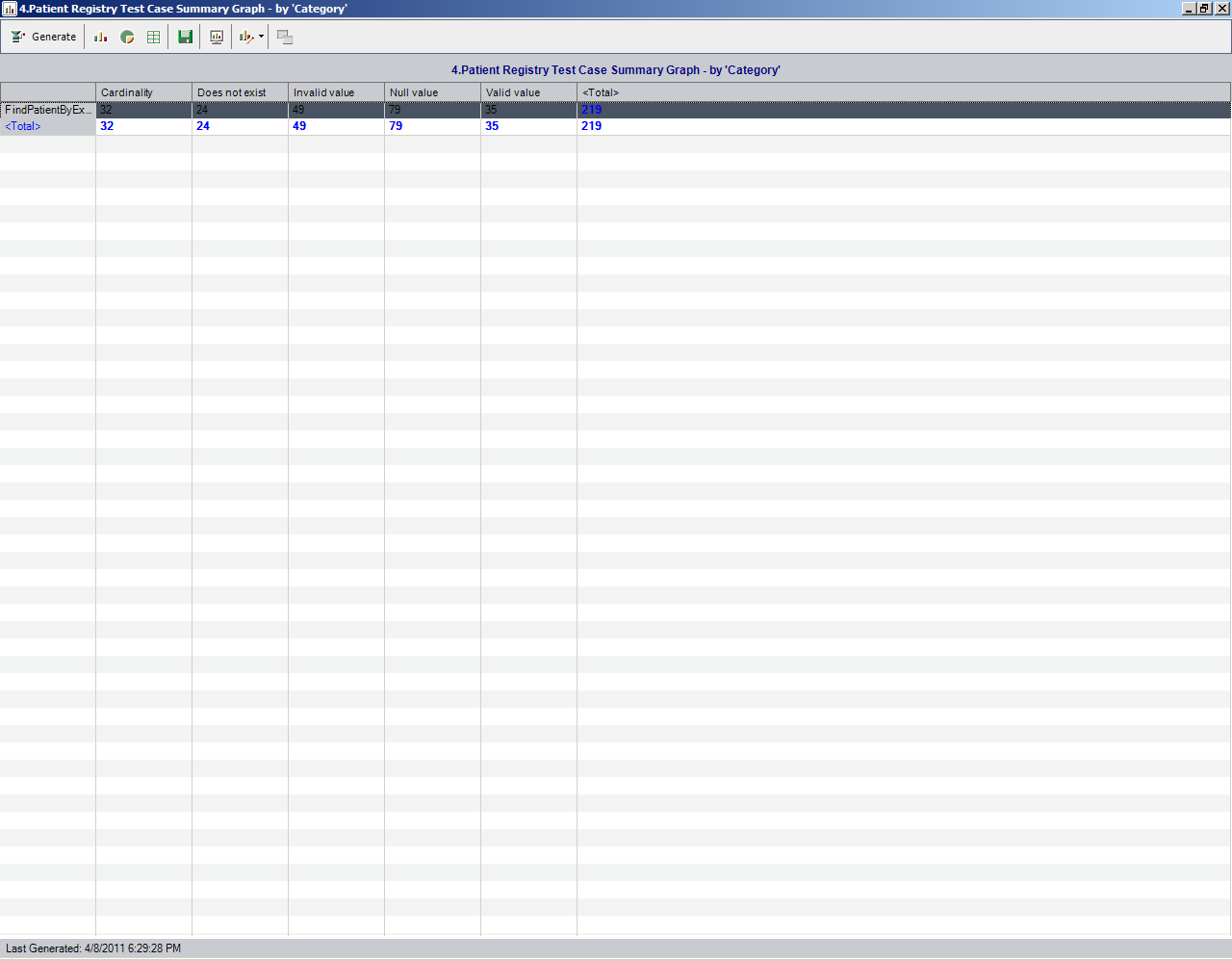




### Patient Registry Service

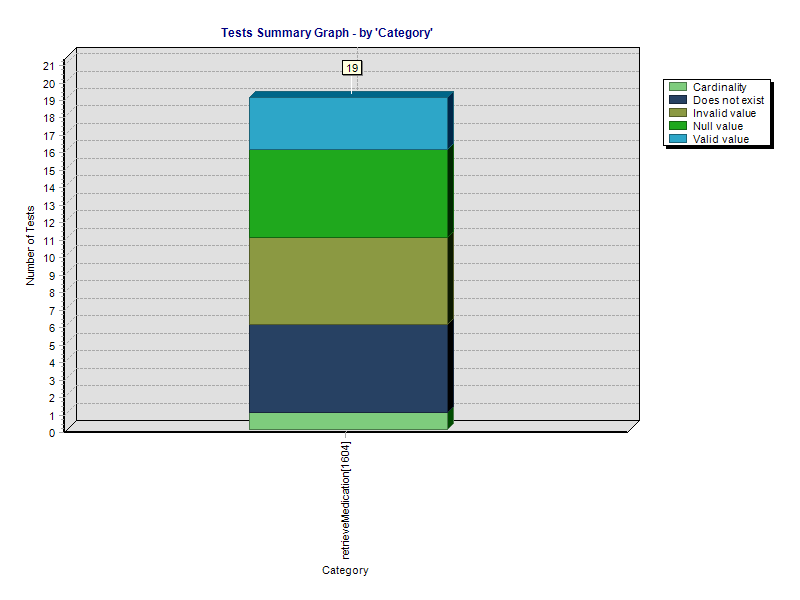
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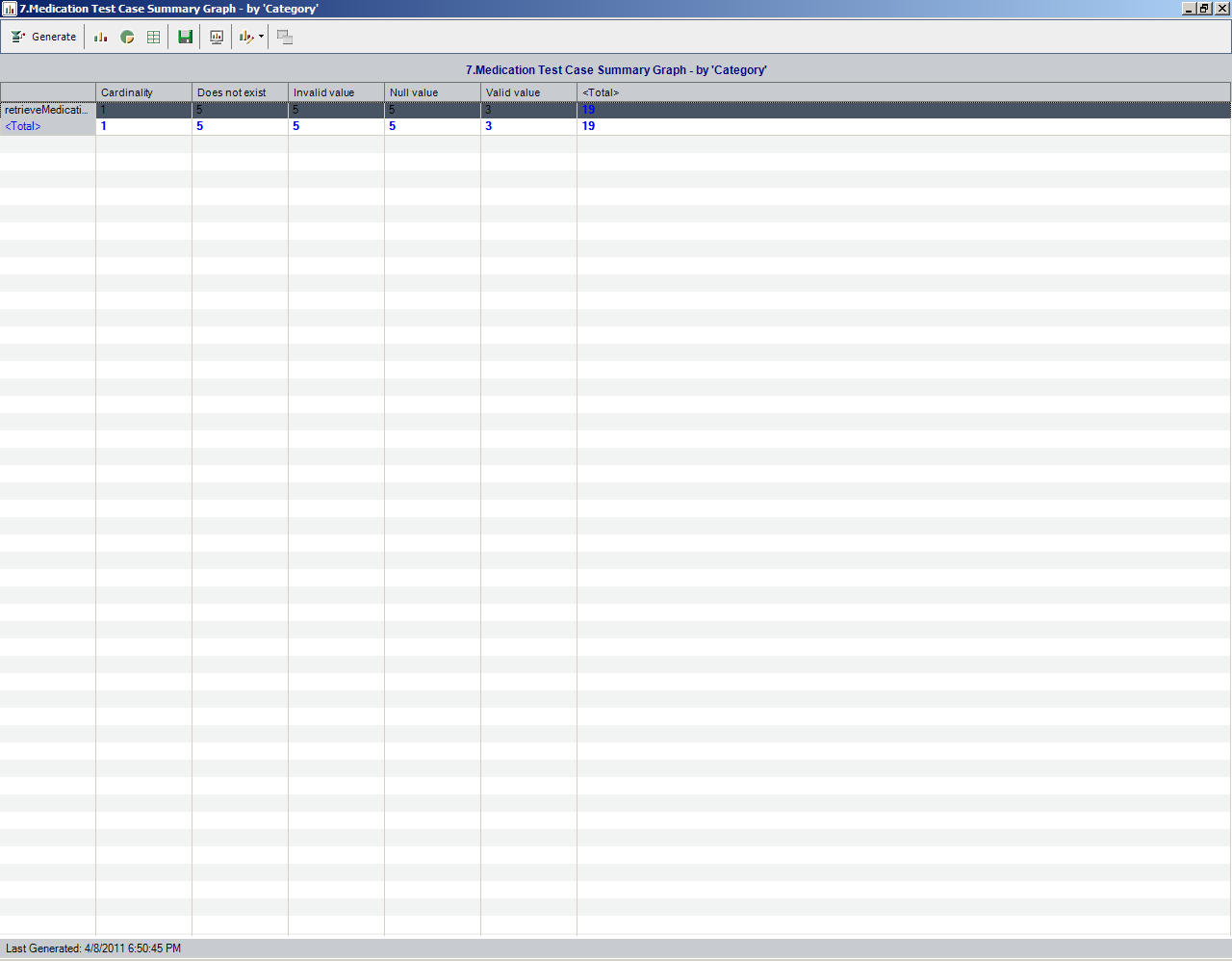




### Medication List Service

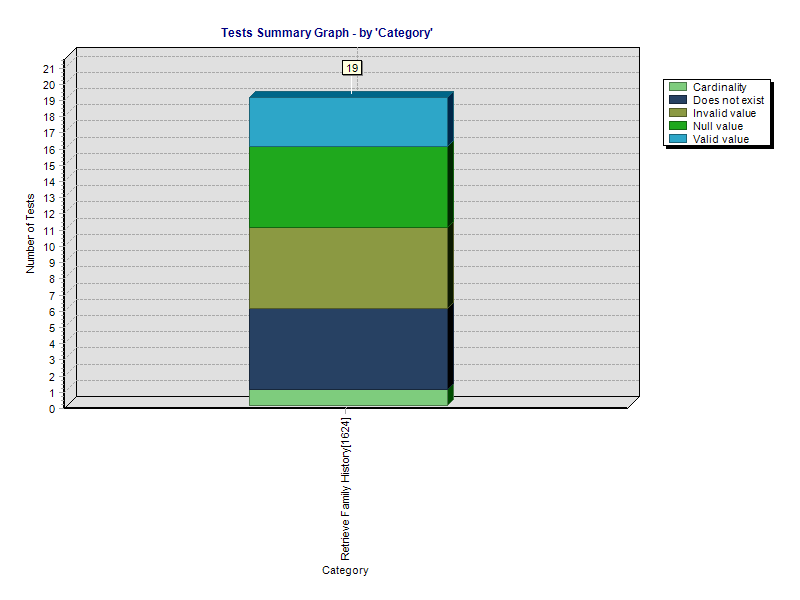
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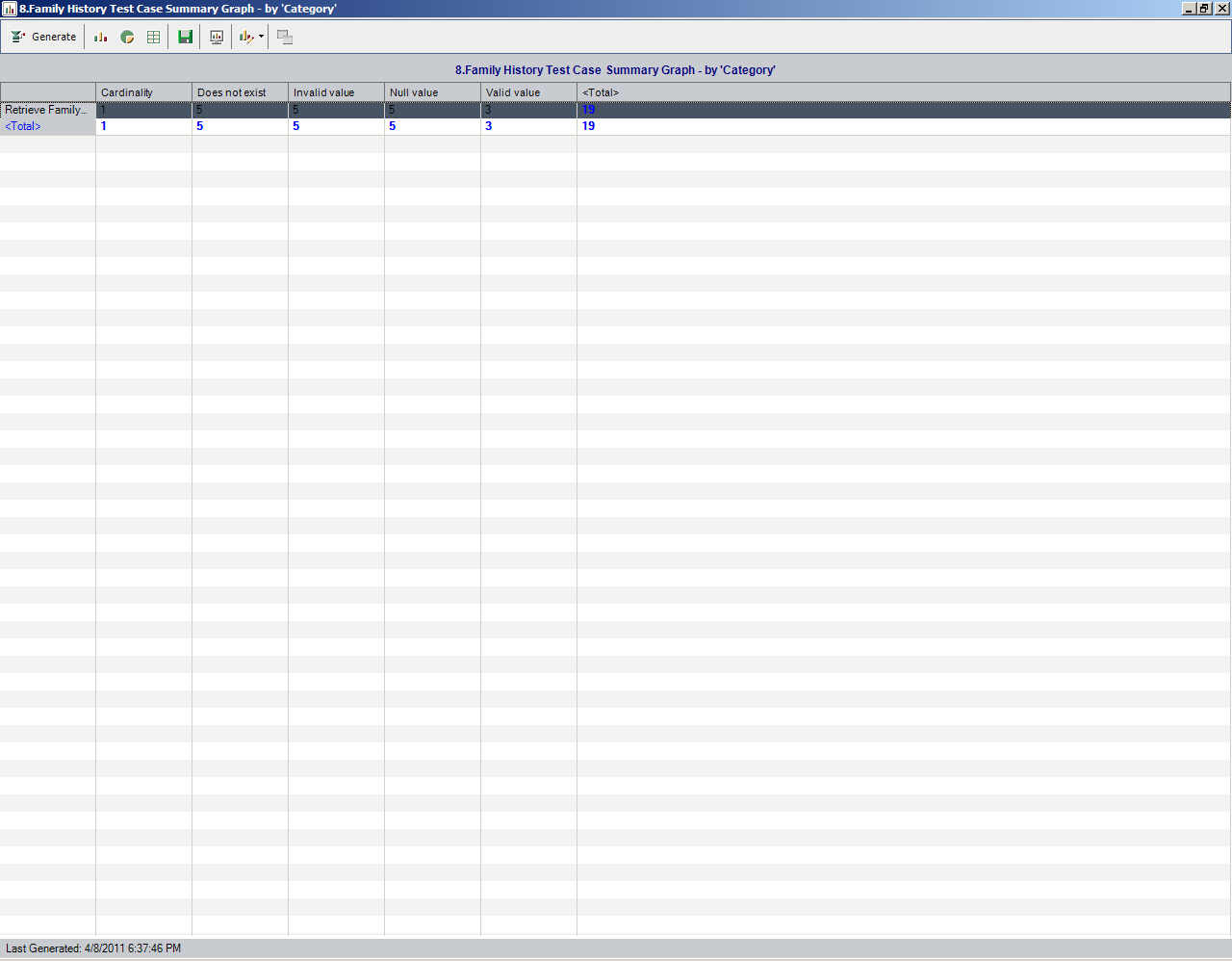




### Family History Service

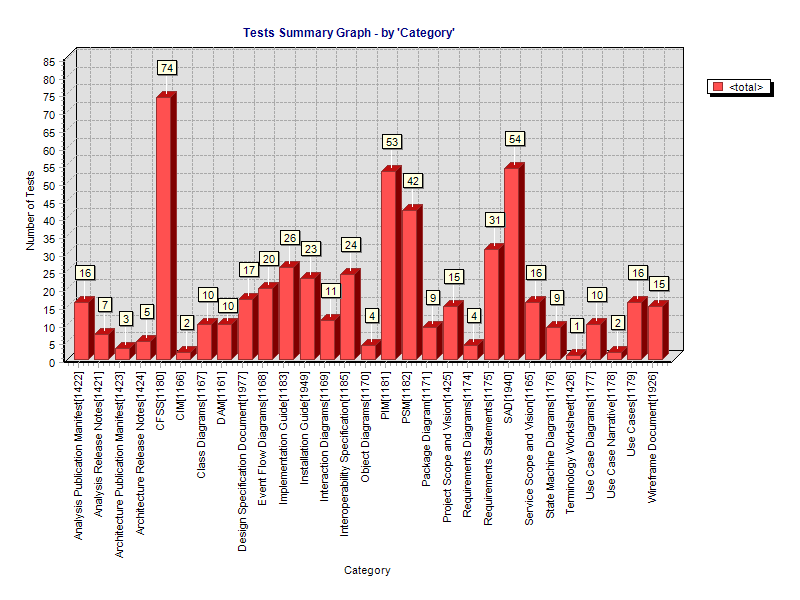
The test case distribution by category for this sprint is as follows:

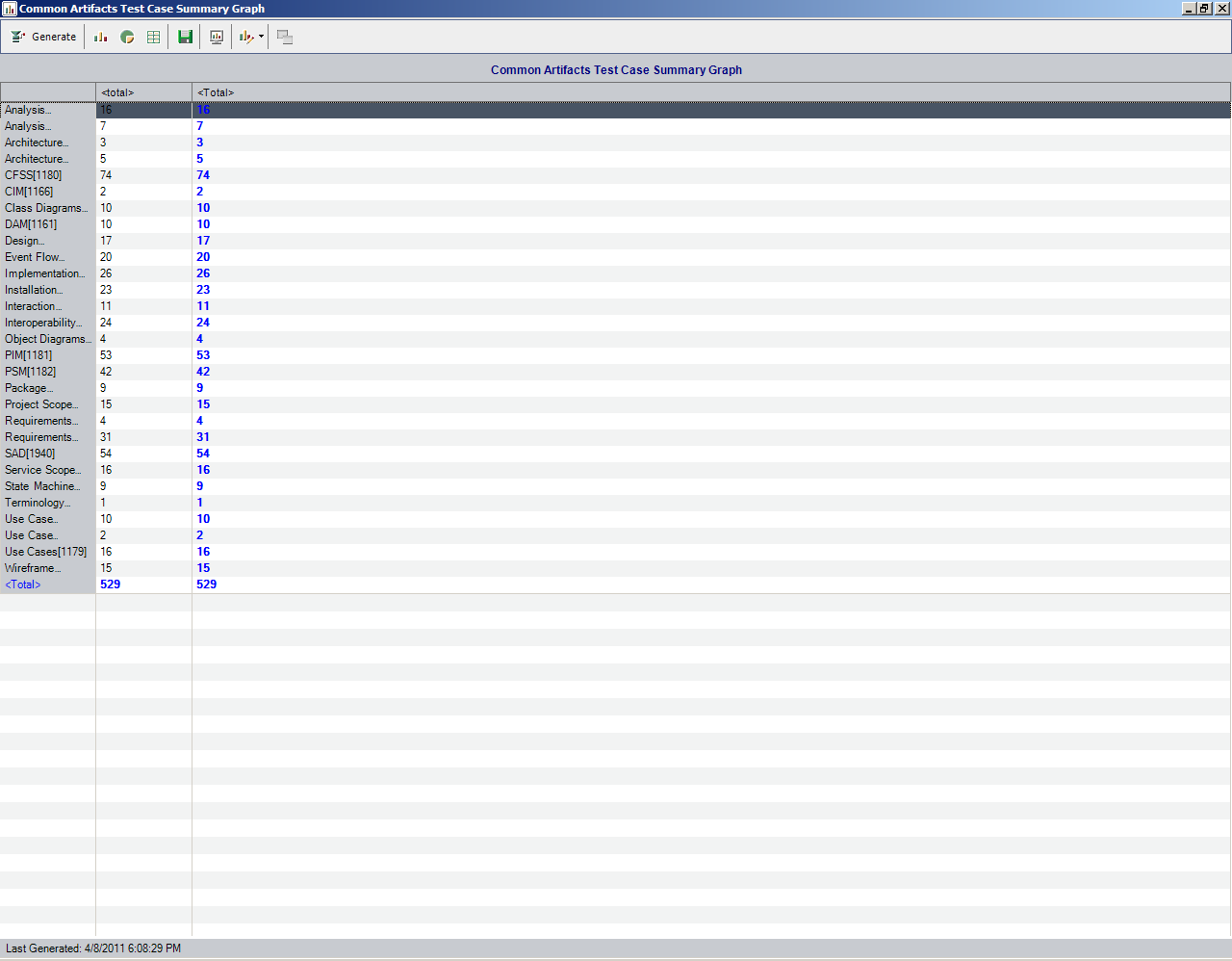




### Common Artifact Test Cases

The test case distribution by artifacts for this sprint is as follows

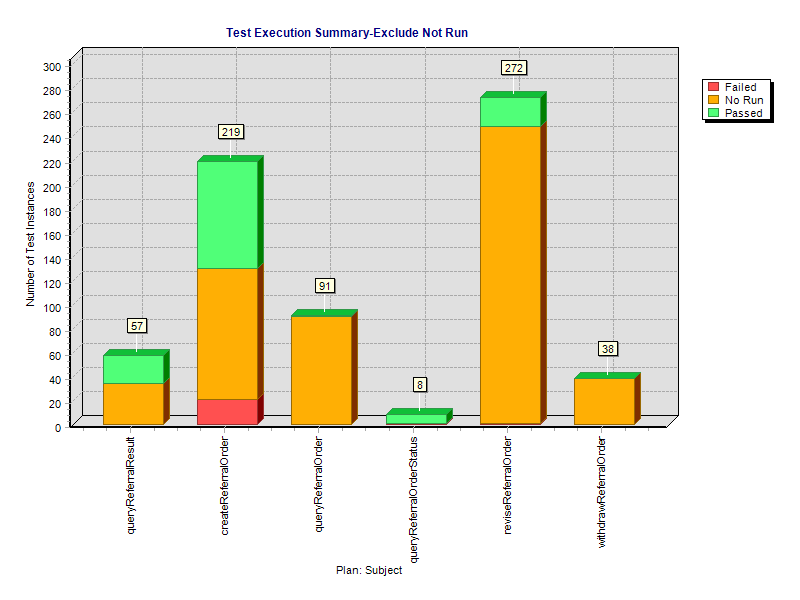


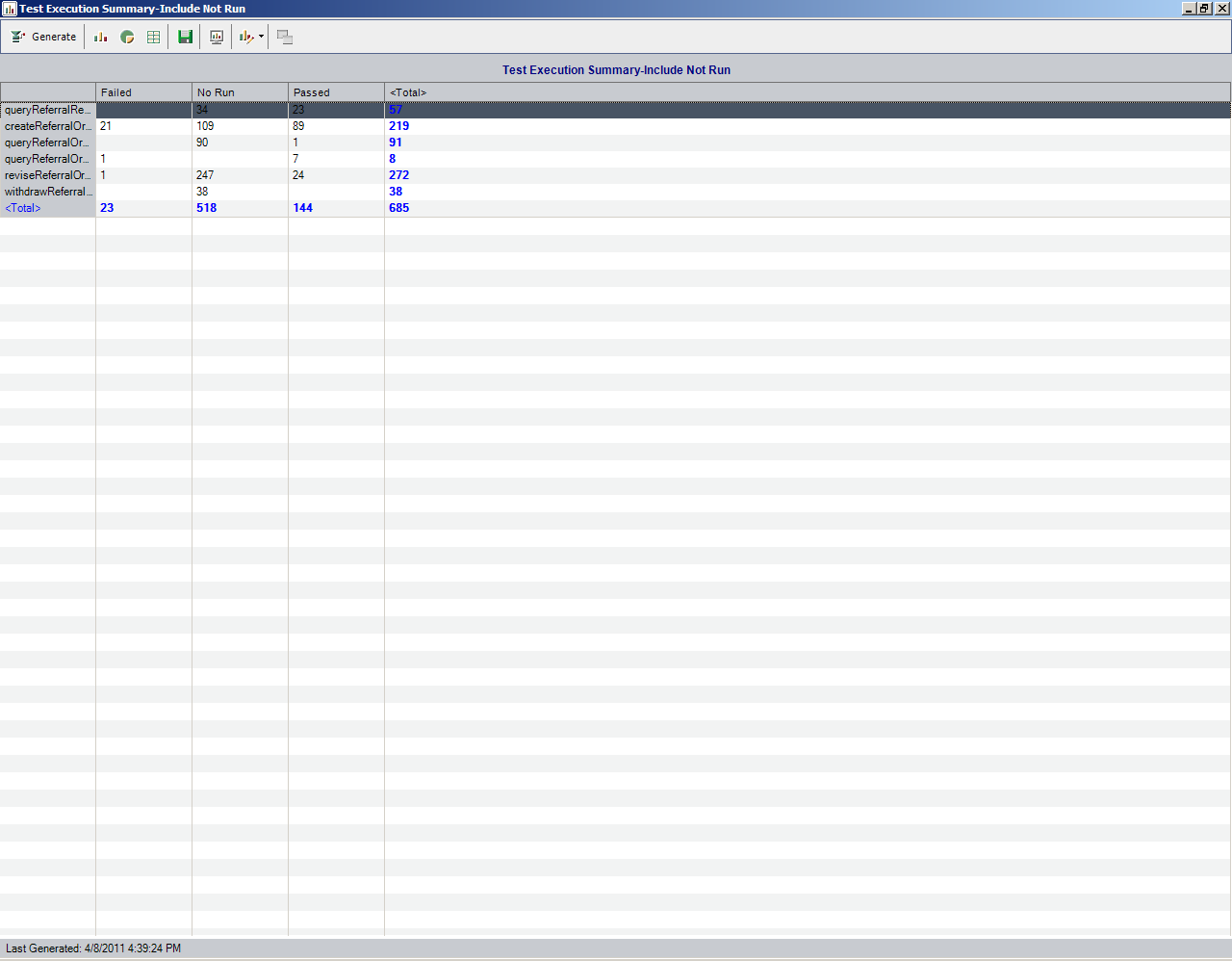


# Test Case Execution

## Consolidated Test Execution Summary (Code Validation)

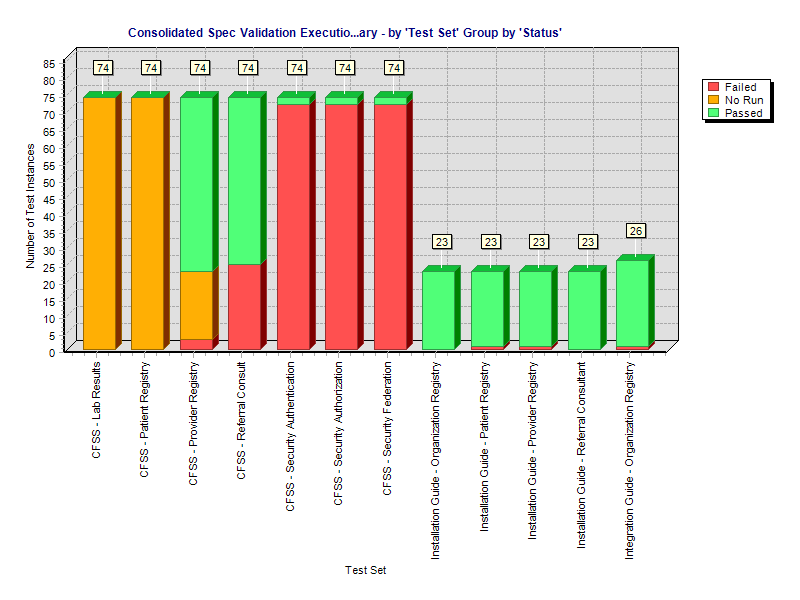
The overall test execution summary (Referral Regression only) for this sprint:

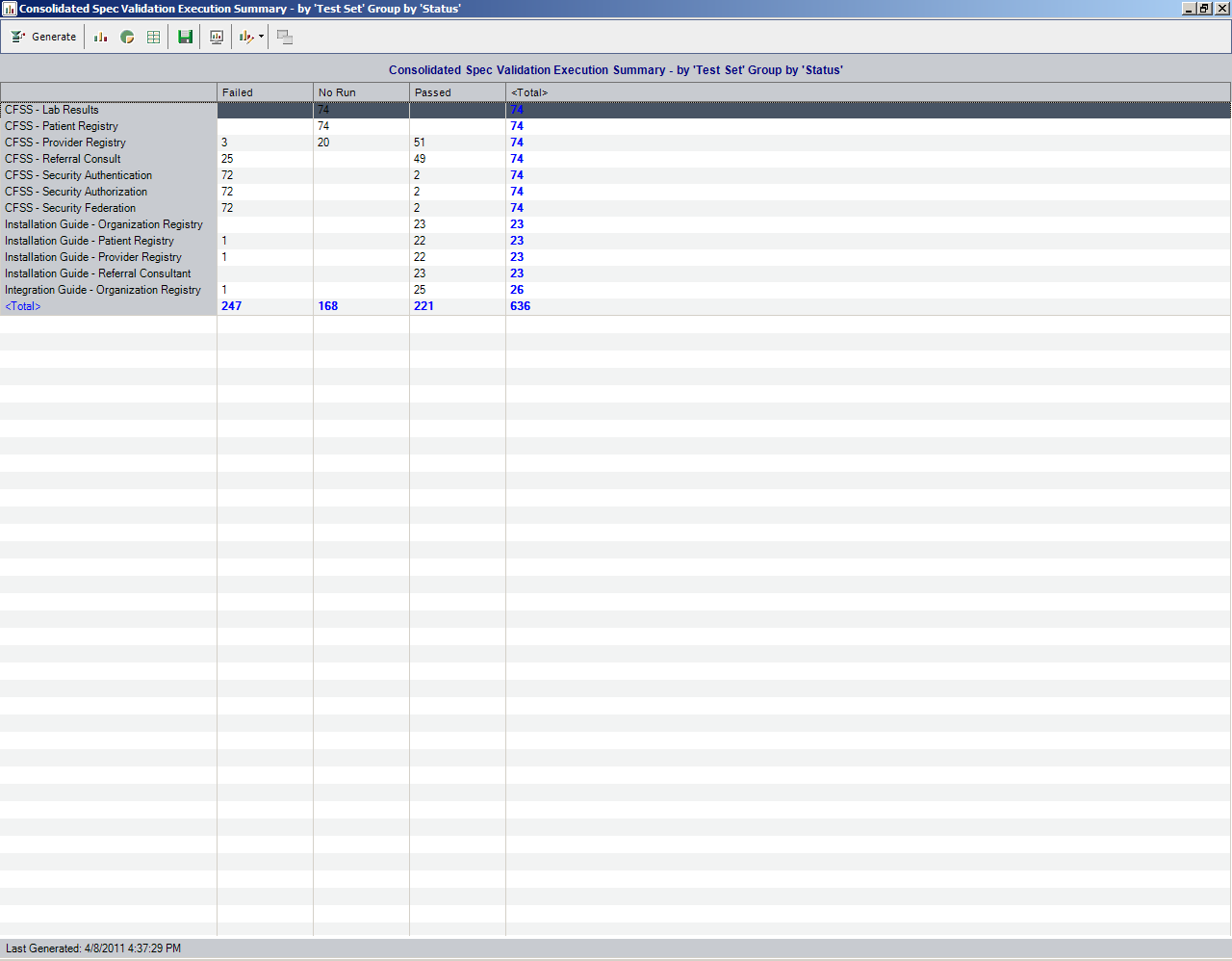




## Consolidated Test Execution Summary (Specification Validation)

The overall test execution summary for this sprint:





# Defect Summary

## Current (QA LOGGED) Issue Status

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Row Labels** | **Open** | **In Progress** | **Reopened** | **Resolved** | **Closed** | **Grand Total** |
| **Analysis** | **111** | **11** | **8** | **2** | **40** | **172** |
| Bug | 89 | 9 | 7 | 2 | 37 | 144 |
| Question | 22 | 2 | 1 |  | 3 | 28 |
| **Architecture** | **4** |  |  | **13** | **46** | **63** |
| Bug | 3 |  |  | 4 | 9 | 16 |
| Question | 1 |  |  | 9 | 35 | 45 |
| Task |  |  |  |  | 2 | 2 |
| **Continuous Delivery Operations** | **9** | **1** | **1** | **49** | **26** | **86** |
| Action |  |  |  | 3 |  | 3 |
| Bug | 2 |  | 1 | 24 | 12 | 39 |
| Improvement | 1 |  |  |  |  | 1 |
| New Feature | 1 |  |  |  |  | 1 |
| Question | 2 | 1 |  |  | 3 | 6 |
| Sub-task |  |  |  | 4 | 3 | 7 |
| Task | 3 |  |  | 17 | 8 | 28 |
| Task - Analysis |  |  |  | 1 |  | 1 |
| **Enterprise Services Development** | **32** |  |  | **7** | **142** | **181** |
| Bug | 31 |  |  | 7 | 135 | 173 |
| Documentation |  |  |  |  | 1 | 1 |
| Improvement | 1 |  |  |  | 1 | 2 |
| Question |  |  |  |  | 4 | 4 |
| Task |  |  |  |  | 1 | 1 |
| **Project Management Office** |  |  |  | **2** |  | **2** |
| Risk |  |  |  | 2 |  | 2 |
| **Grand Total** | **156** | **12** | **9** | **73** | **254** | **504** |

## QA Issues Created this Sprint:



## QA Issues Validated and Resolved this Sprint:

