Cognos Testing Process

• The patches and fixes are prepared for installation.
• The automated test plan is run to create a pre-install set of reports for comparison.
• The patches and fixes are installed.
• The automated test plan is run again to create a post-install set of reports.
• Comparisons are made to each before and after report confirming that the reports are the same (formatting and data).
• Non-automated reports (i.e. drill through, Excel wrapping, Javascript, Cognos security) are run and checked for functionality.
• If there is a discrepancy between reports, or functionality is lost, the DWI team determines what caused the issue and corrects it.
Cognos Test Plans

• Include at least one, one-page report.
• Limit report size to one page whenever possible.
• If you have a large report, add filters to reduce the amount of data returned.
• Reports with prompts: specify prompt values which return a limited amount of data.
• When possible:
  Add a summary to the report.
  Run the report to HTML.
Great Example of a Sample Report!

- Provided by the DOF office.

<table>
<thead>
<tr>
<th></th>
<th>Fulltime</th>
<th>Parttime</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alien Temp</td>
<td>74</td>
<td>19</td>
<td>93</td>
</tr>
<tr>
<td>Citizen</td>
<td>606</td>
<td>179</td>
<td>785</td>
</tr>
<tr>
<td>Alien Perm</td>
<td>183</td>
<td>27</td>
<td>210</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>863</strong></td>
<td><strong>225</strong></td>
<td><strong>1088</strong></td>
</tr>
</tbody>
</table>

- Returns data
- Runs to HTML
- Is formatted (crosstab, colors)
- Includes a data summary
Automating your own Report List in QA

The DWI team can show you how to create your own test plans by:

• Creating your Report View.
• Creating your own automated report list using a Cognos job.
• Running your automated list:
  Before patches & fixes to create a comparison list;
  After patches & fixes to confirm that reports are running properly.

Report any issues to the DWI team ASAP.

Contact Leah Targon (leaht@princeton.edu) if you would like help creating your own automated Test Plan.