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NITRD Dashboard

Introduction

- NITRD has been tasked to pilot a Federal R&D Dashboard

- Driven by transparency and open government

- Focused on NITRD member Federal investments in IT R&D

- Data driven from NITRD Supplement to the President’s Budget
NITRD Dashboard

NITRD Links

- NITRD Dashboard
  - http://itdashboard.nitrd.gov

- Data Source
  - http://www.nitrd.gov/open

- NITRD Program Component Area definitions
  - http://www.nitrd.gov/About/about_nco.aspx
NITRD Dashboard Tutorial

At a glance

Agency NITRD Budget Estimates

Quadrant 1

Quadrant 2

Agency NITRD Budget Trends

Pivots

Pivots

Pivots

Pivots

2010 >> All Agencies

2010 >> All Agencies

PCA Group | Budget Estimated ($ in Millions)
---|---
HEC I&A | $1,469.40
HEC R&D | $480.60
CSA | $371.50
HCAMM | $1,199.30
LSN | $385.60
HCSS | $137.70
Total Yearly Budget | $4,504.70

**All figures are in Millions of Dollars ($)**
The NITRD dashboard is divided into 2 Quadrants:

- Quadrant 1 (left hand side of the screen) depicts a pie chart and the tabular data powering that chart below it.

- Quadrant 1 objective is to display the Agency NITRD Budget Estimates over eight Program Component Areas.

- You can toggle the view in Quadrant 1 at any time between Program Component Area and NITRD Agency by clicking on the following Pivot:

  ![Pivot Icon]

- Using the Pivot will automatically change the data source that is powering the pie chart to display the selected information.
View by Program Component Area:

**Agency NITRD Budget Estimates**

<table>
<thead>
<tr>
<th>PCA Group</th>
<th>Budget ($ in Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEC I&amp;A</td>
<td>$1,469.40</td>
</tr>
<tr>
<td>HEC R&amp;D</td>
<td>$480.60</td>
</tr>
<tr>
<td>CSIA</td>
<td>$371.50</td>
</tr>
<tr>
<td>HCI&amp;IM</td>
<td>$1,149.30</td>
</tr>
<tr>
<td>LSN</td>
<td>$385.60</td>
</tr>
<tr>
<td>HCSS</td>
<td>$137.70</td>
</tr>
<tr>
<td>SEW</td>
<td>$142.20</td>
</tr>
<tr>
<td>SDP</td>
<td>$168.50</td>
</tr>
<tr>
<td><strong>Total Yearly Budget</strong></td>
<td><strong>$4,304.80</strong></td>
</tr>
</tbody>
</table>
View by NITRD Agency:

The pie chart and table below illustrate the budget distribution by NITRD Agencies for the year 2010. The chart shows the following agencies with their respective budget figures:

- **NSF**: $71.40
- **NIH**: $0.80
- **DARPA**: $143.60
- **DOE**: $3.50
- **OSD and DoD Service research orgs**: $94.40
- **NSA**: $29.00
- **NIST**: $28.90
- **NASA**: $0.00
- **AHRQ**: $0.00
- **NOAA**: $0.00
- **Total Yearly Budget**: $371.60

These figures are only for demonstration purposes and may not reflect real-world budget allocations.
Hovering the mouse over any section of the pie chart will display information about that particular section and highlight the tabular info below.
You can use the Pivots at any time for chart drill downs. Using the Pivots is very simple, just click the drop down menu as indicated below.
There are 3 different levels of drill downs in Quadrant 1. The first level of drill down is:

- **Drill Down by Fiscal Year:** Use the pivot to select the Fiscal Year. Changing the Fiscal Year will automatically power the pie chart with the appropriate data source:
The second level of drill downs in Quadrant 1:

- **Drill Down by NITRD Agency**: Use the Pivot to select the NITRD Agency. Changing the Agency will also change the Pivot in Quadrant 2 and updates the chart respectively.
The third level of drill downs in Quadrant 1:

- **Drill Down by Program Component Area (PCA):** Click on any PCA on the pie chart to open a new chart at the bottom of the page. The new chart will display the budget trend for that particular PCA based on Post or Pre-2000.

- You can drill down further by clicking on a particular year of the above chart to display the data in a tabular format.
Quadrant 2 (right hand side of the screen) contains a stacked Area chart and the tabular data powering that chart below it.
Hovering the mouse over any section of the area chart will automatically display information about that particular section.
Quadrant 2 has two levels of drill downs

- Drill down by Agencies
  - Usually this drill down has inherited the Pivot selection from the Quadrant 1. You are allowed to choose your agency of preference.
The second level of drill down in Quadrant 2:

- Click anywhere on the Area chart to open up a new chart at the bottom of the page.
- The new chart will display the Budget Requested vs. Budget Estimated for each agency and for each Program Component Area for Post or Pre-2000.
Tips:

- **Using the Back Button:** After you have drilled down and need to go back to a previous chart, do not use your browser’s back button. Instead use the button in the bottom left side of the page to go back to the previous chart.

- **Exporting Chart Data:** At any time you can right click on any chart and select “Export chart data” to download the source data that is powering that particular chart.

- **Contacting the NITRD Dashboard Team:** Please use the Contact Us page to provide us with your comments, feedback and ideas for the NITRD Dashboard.