

# *Georgia Institute of Technology*

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## ***FY 2010 ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY***



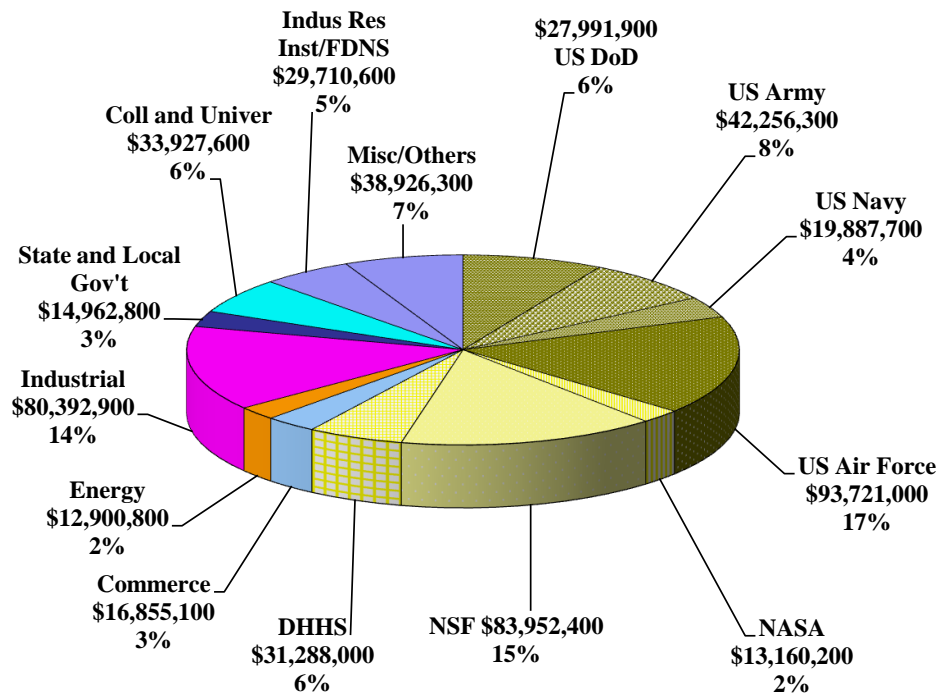
**GEORGIA INSTITUTE OF TECHNOLOGY**  
**FY10 ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY**

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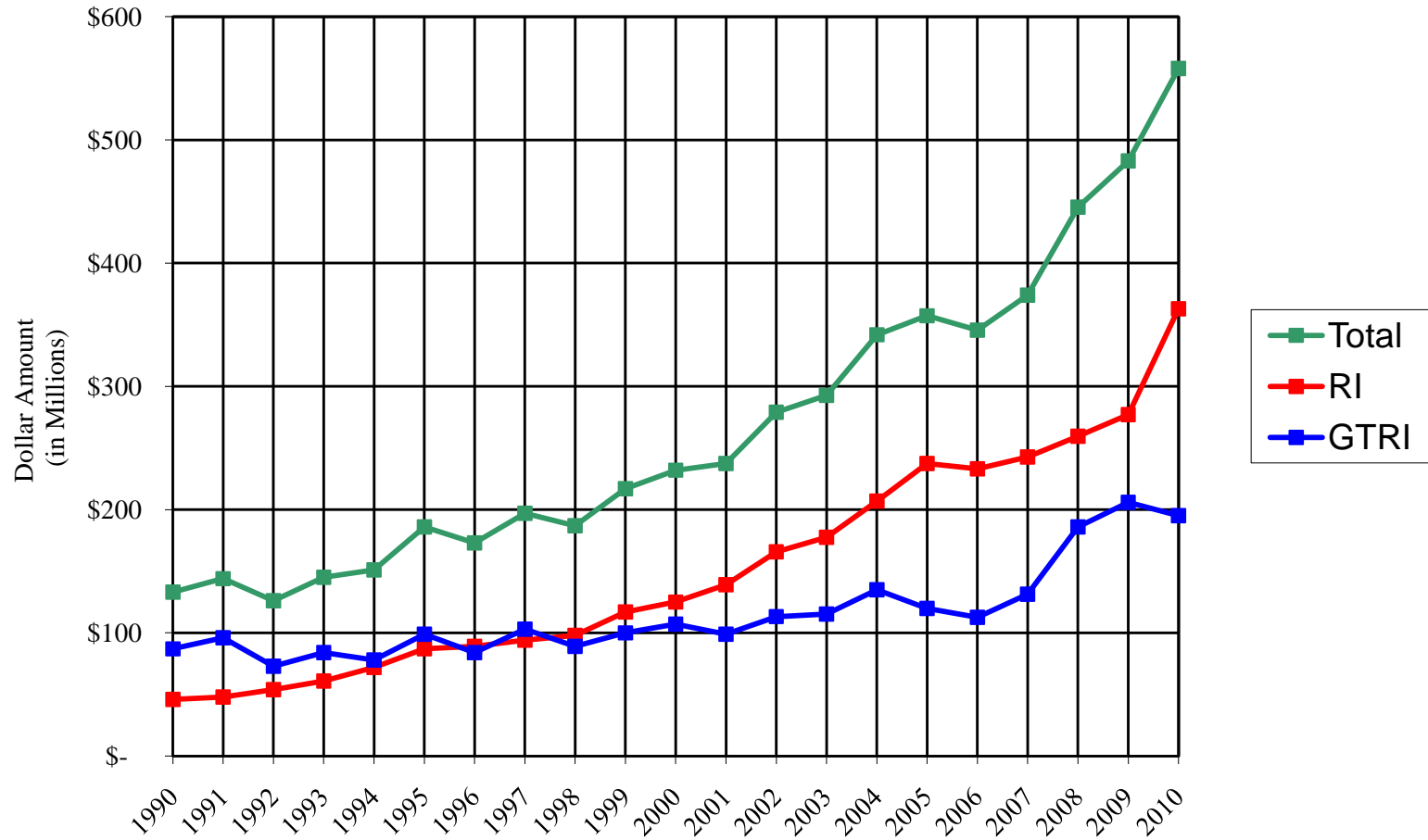
**NEW SPONSORED PROGRAM AWARDS  
FISCAL YEAR 2010**

## FY09 - FY10 New Awards By Sponsor



| <i>Funding Source</i>     | <i>FY09 Total</i>  | <i>FY10 Total</i>  | <i>% Incr/Decr</i> |
|---------------------------|--------------------|--------------------|--------------------|
| US DoD                    | 27,991,869         | 45,921,053         | 64%                |
| US Army                   | 56,130,446         | 42,256,278         | -25%               |
| US Navy                   | 29,631,201         | 19,887,703         | -33%               |
| US Air Force              | 81,878,061         | 93,720,959         | 14%                |
| NASA                      | 13,364,434         | 13,160,186         | -2%                |
| NSF                       | 45,231,507         | 83,952,428         | 86%                |
| DHHS (NIH)                | 18,854,190         | 31,288,008         | 66%                |
| Commerce                  | 4,834,500          | 16,855,092         | 249%               |
| Energy                    | 9,878,221          | 12,900,778         | 31%                |
| Industrial                | 96,531,181         | 80,392,854         | -17%               |
| State and Local Gov't     | 15,365,257         | 14,962,788         | -3%                |
| Colleges and Universities | 31,267,922         | 33,927,563         | 9%                 |
| Indus Res                 |                    |                    |                    |
| Inst/Fdns                 | 22,772,357         | 29,710,635         | 30%                |
| Misc/Others               | 29,465,263         | 38,926,430         | 32%                |
| <b>TOTAL</b>              | <b>483,196,409</b> | <b>557,862,755</b> | <b>15%</b>         |

### New Awards by Value Fiscal Years 1990 through 2010



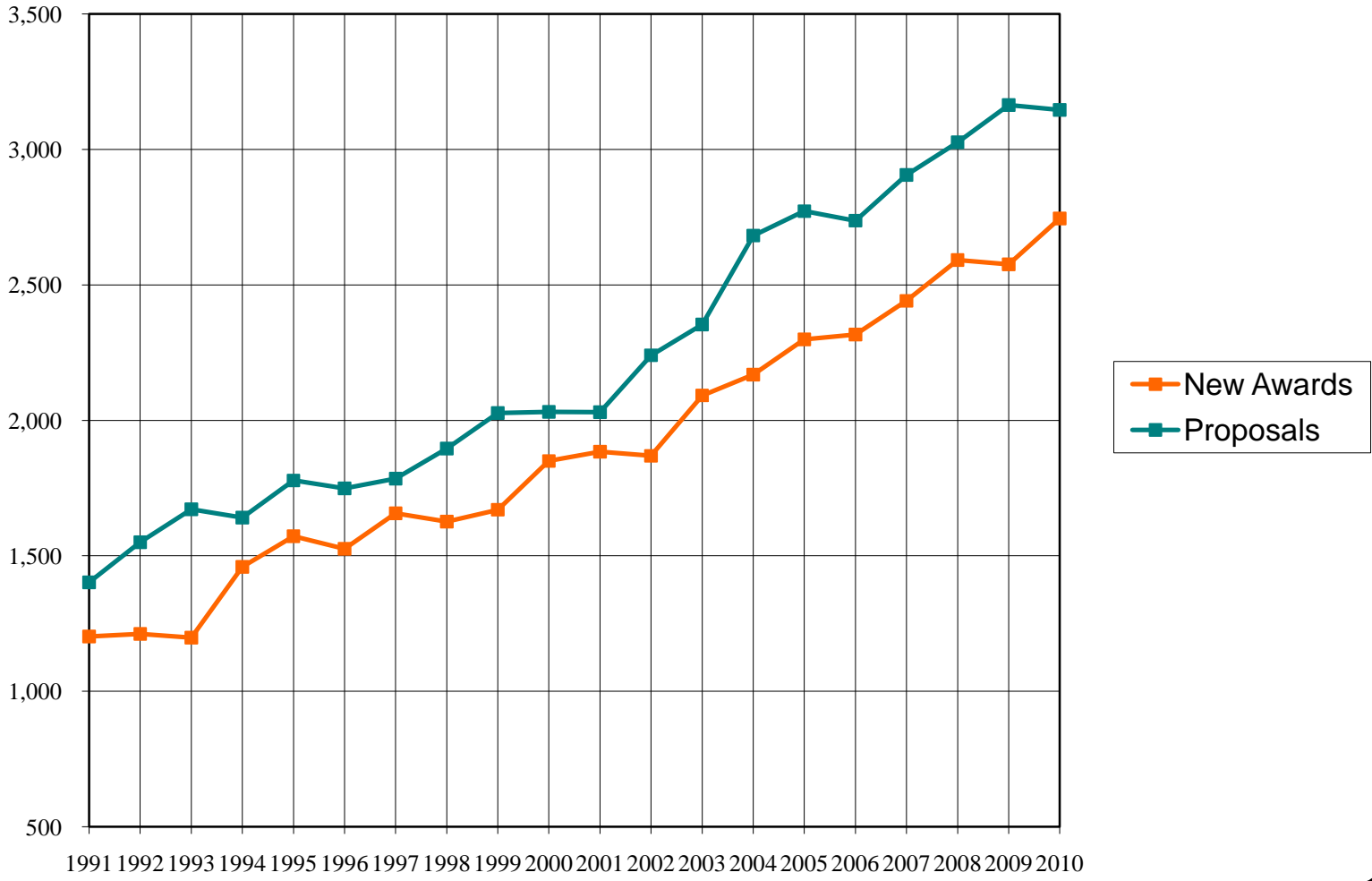
**FY10**  
**New Awards By Unit/Sponsor**

| <i>Funding Source</i>              | <i>RI</i>          | <i>GTRI</i>        | <i>Total</i>       |
|------------------------------------|--------------------|--------------------|--------------------|
| <b>US Department of Defense</b>    | <b>13,754,067</b>  | <b>32,166,985</b>  | <b>45,921,053</b>  |
| <b>US Army</b>                     | <b>15,034,847</b>  | <b>27,221,431</b>  | <b>42,256,278</b>  |
| <b>US Navy</b>                     | <b>13,013,042</b>  | <b>6,874,661</b>   | <b>19,887,703</b>  |
| <b>US Air Force</b>                | <b>10,711,082</b>  | <b>83,009,877</b>  | <b>93,720,959</b>  |
| <b>NASA</b>                        | <b>11,063,774</b>  | <b>2,096,412</b>   | <b>13,160,186</b>  |
| <b>NSF</b>                         | <b>83,902,428</b>  | <b>50,000</b>      | <b>83,952,428</b>  |
| <b>DHHS</b>                        | <b>31,263,903</b>  | <b>24,105</b>      | <b>31,288,008</b>  |
| <b>Commerce</b>                    | <b>16,855,092</b>  | <b>0</b>           | <b>16,855,092</b>  |
| <b>Energy</b>                      | <b>12,823,778</b>  | <b>77,000</b>      | <b>12,900,778</b>  |
| <b>Industrial</b>                  | <b>51,542,959</b>  | <b>28,849,895</b>  | <b>80,392,854</b>  |
| <b>State and Local Governments</b> | <b>8,790,674</b>   | <b>6,172,114</b>   | <b>14,962,788</b>  |
| <b>Colleges and Universities</b>   | <b>33,211,900</b>  | <b>715,663</b>     | <b>33,927,563</b>  |
| <b>Indus Res Inst/Fdns</b>         | <b>29,111,941</b>  | <b>598,693</b>     | <b>29,710,634</b>  |
| <b>Misc/Others</b>                 | <b>32,005,406</b>  | <b>6,921,025</b>   | <b>38,926,431</b>  |
| <b>TOTAL</b>                       | <b>363,084,893</b> | <b>194,777,861</b> | <b>557,862,755</b> |

## FY09 - FY10 New Sponsored Awards By College/Unit

| <b>COLLEGE/UNIT</b>            | <b>FY09 Total</b>    | <b>FY10 Total</b>    | <b>% Incr/Decr</b> |
|--------------------------------|----------------------|----------------------|--------------------|
| <b>GTRI</b>                    | <b>\$205,909,357</b> | <b>\$194,777,862</b> | <b>-5%</b>         |
| <b>TOTAL R.I.</b>              | <b>\$277,287,052</b> | <b>\$363,084,893</b> | <b>31%</b>         |
| <b>Architecture</b>            | <b>\$5,413,857</b>   | <b>\$6,297,590</b>   | <b>16%</b>         |
| <b>Computing</b>               | <b>\$19,883,693</b>  | <b>\$32,534,581</b>  | <b>64%</b>         |
| <b>Sciences</b>                | <b>\$44,114,320</b>  | <b>\$61,369,175</b>  | <b>39%</b>         |
| <b>Engineering</b>             | <b>\$155,950,937</b> | <b>\$213,667,288</b> | <b>37%</b>         |
| <b>Ivan Allen</b>              | <b>\$6,035,045</b>   | <b>\$7,738,028</b>   | <b>28%</b>         |
| <b>Management</b>              | <b>\$1,305,184</b>   | <b>\$1,774,837</b>   | <b>36%</b>         |
| <b>Centers and Others</b>      | <b>\$44,584,015</b>  | <b>\$39,703,394</b>  | <b>-11%</b>        |
| <b>TOTAL - GTRI &amp; R.I.</b> | <b>\$483,196,409</b> | <b>\$557,862,755</b> | <b>15%</b>         |

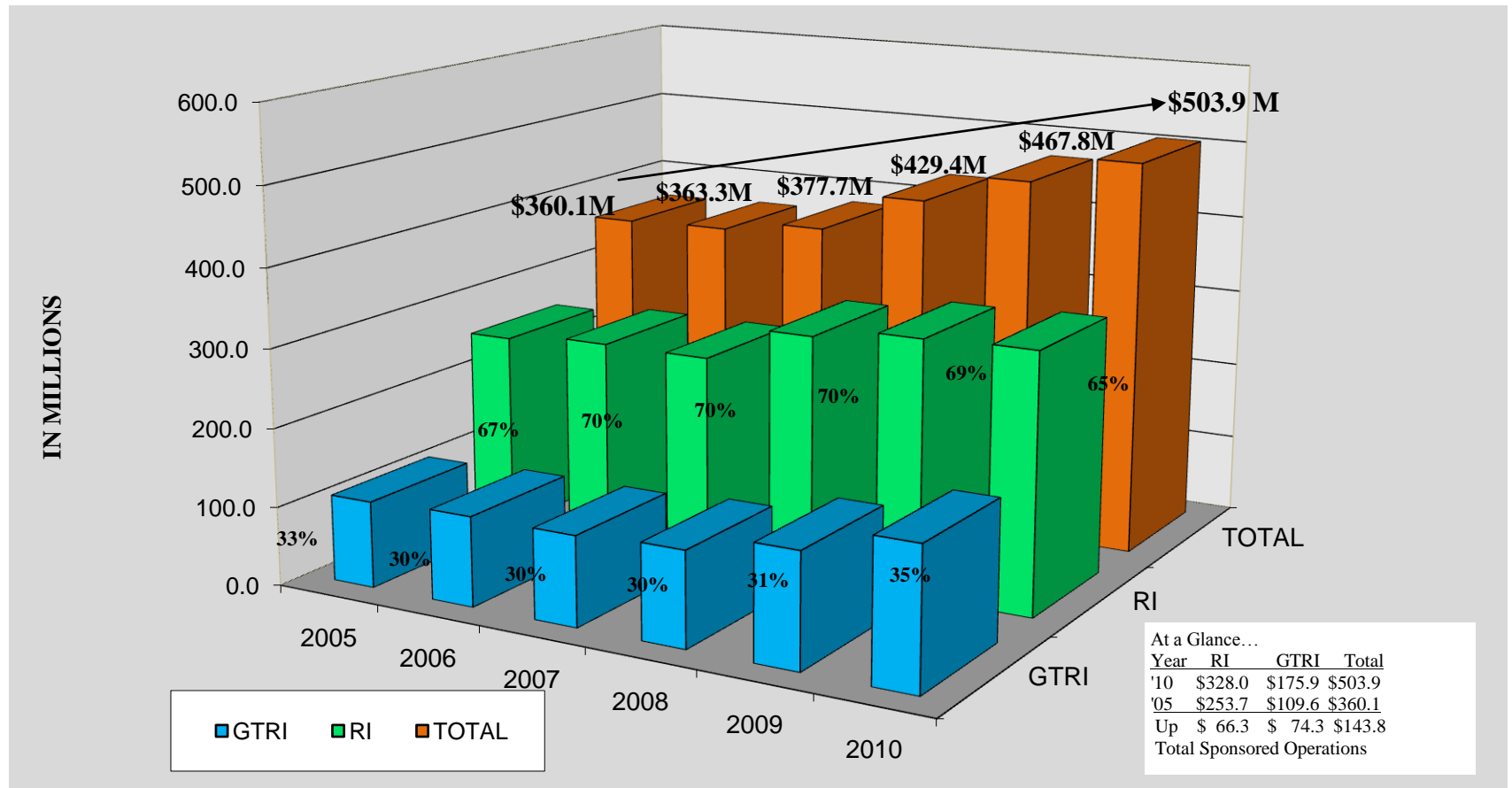
**Number of New Awards and Proposals  
Fiscal Years 1991 through 2010**





**SPONSORED PROGRAMS TOTAL COSTS  
FISCAL YEAR 2010**

**GEORGIA INSTITUTE OF TECHNOLOGY  
 FY 10 ANNUAL REPORT  
 FY2005 - FY2010  
 TREND ANALYSIS OF SPONSORED PROGRAM TOTAL COSTS  
 Costs are up \$143.8 Million (40%).....**

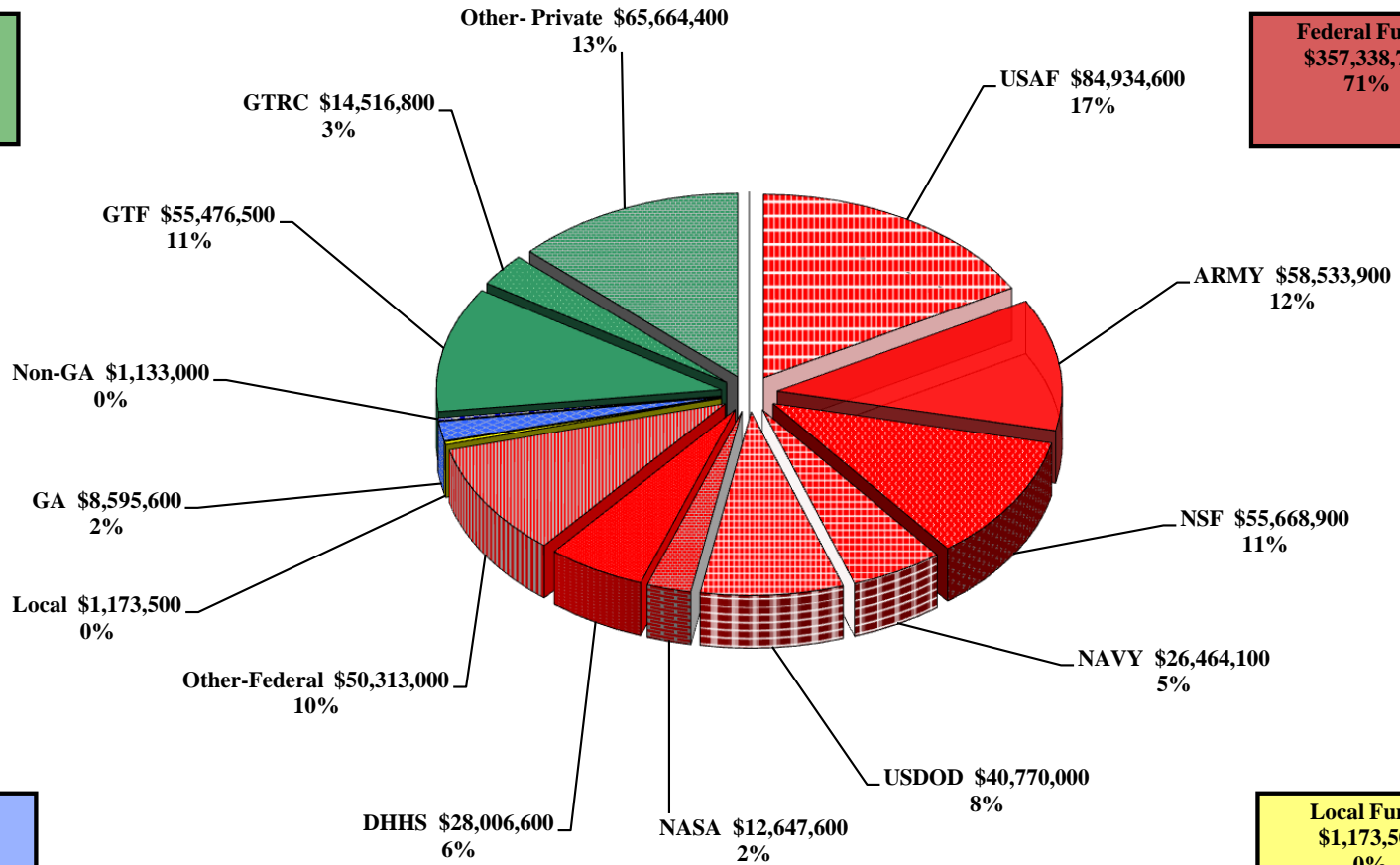


# Sponsored Program Costs By Major Source FY10

**TOTAL: \$503.9 Million**

**Private Funds**  
 \$135,657,700  
 27%

**Federal Funds**  
 \$357,338,700  
 71%



**State Funds**  
 \$9,728,600  
 2%

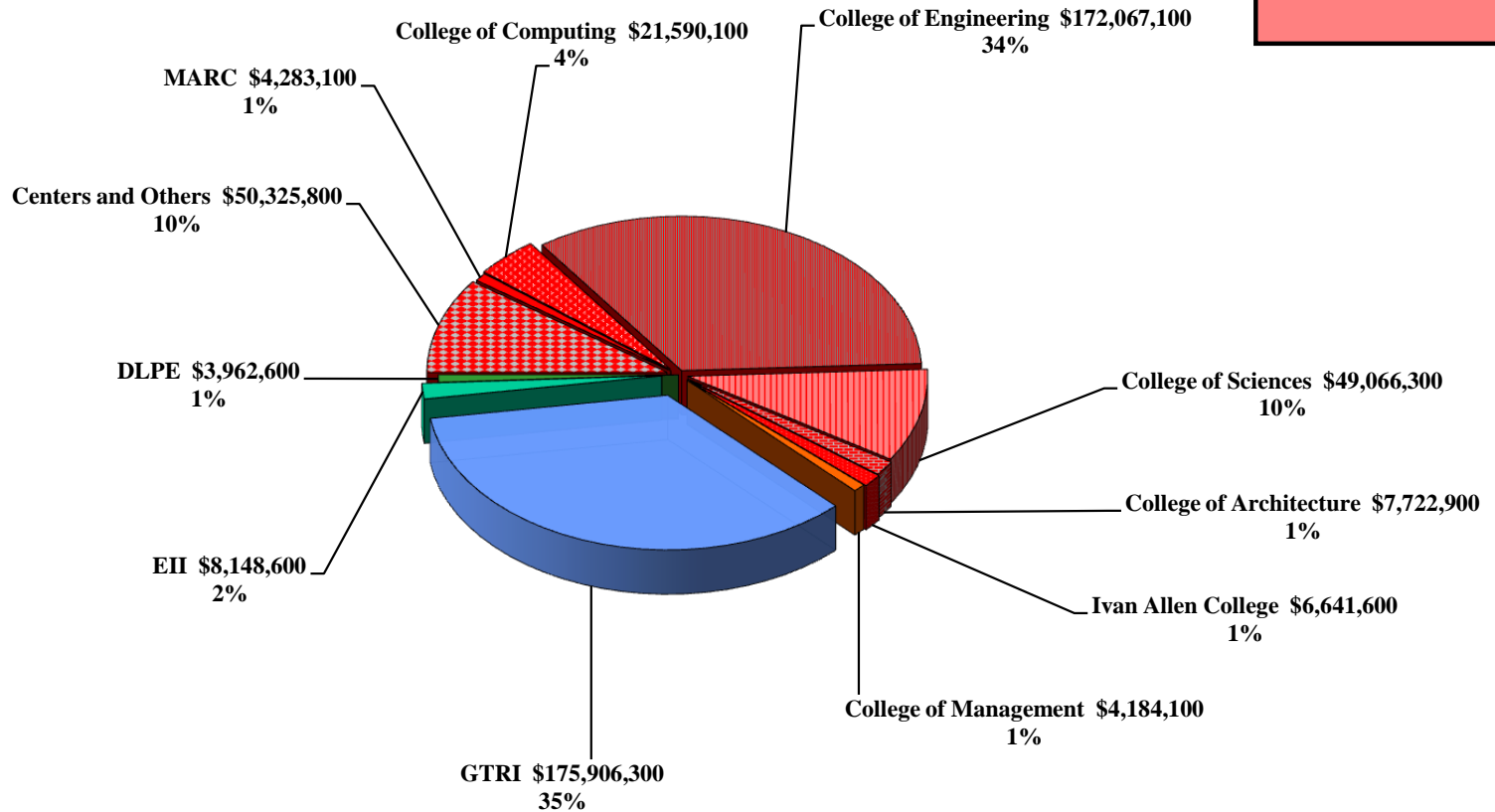
**Local Funds**  
 \$1,173,500  
 0%

# Sponsored Program Costs By College / Unit FY10

**TOTAL: \$503.9 Million**

**Other Units**  
 \$12,111,200  
 2%

**Resident Instruction**  
 \$315,881,000  
 63%



**GTRI**  
 \$175,906,300  
 35%

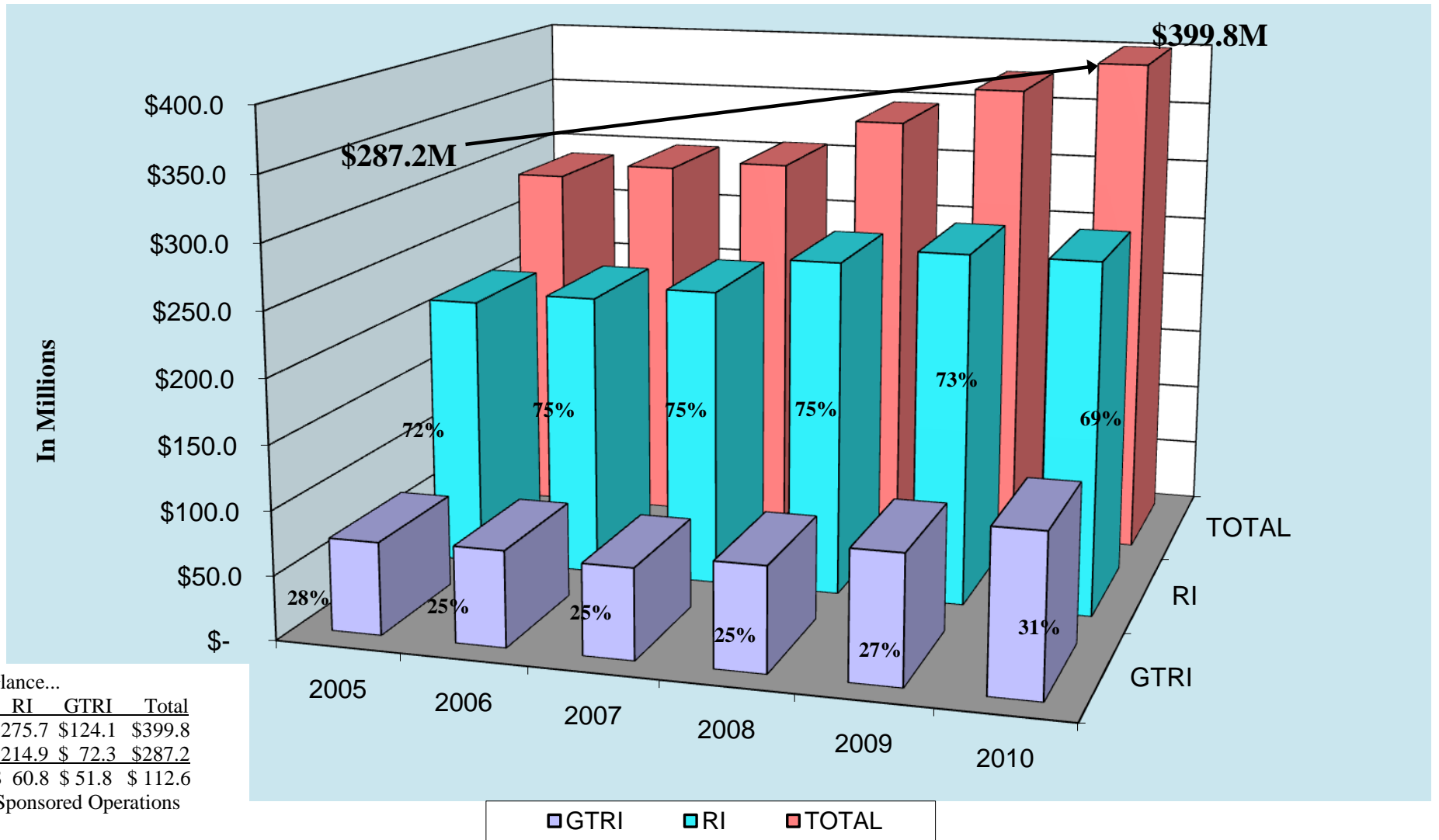
**Sponsored Program Costs By Natural Classification  
FY09 - FY10**

| <i>Classification</i>                  | <i>GTRI</i>          |                      | <i>RI</i>            |                         |
|--|----------------------|----------------------|----------------------|-------------------------|
|  | <i>FY09</i>          | <i>FY10</i>          | <i>FY09</i>          | <i>FY10</i>             |
| <b>Faculty Salaries</b>                | <b>\$36,029,865</b>  | <b>\$41,826,084</b>  | <b>\$45,547,781</b>  | <b>\$47,498,198</b>     |
| <b>Staff Salaries</b>                  | <b>\$4,739,769</b>   | <b>\$5,037,384</b>   | <b>\$25,598,178</b>  | <b>\$26,705,671</b>     |
| <b>Graduate Asst Salaries</b>          | <b>\$495,487</b>     | <b>\$729,010</b>     | <b>\$47,251,721</b>  | <b>\$49,813,003</b>     |
| <b>Other Salaries</b>                  | <b>\$10,148,739</b>  | <b>\$11,287,504</b>  | <b>\$4,110,254</b>   | <b>\$4,135,772</b>      |
| <b>Fringe Benefits</b>                 | <b>\$12,122,826</b>  | <b>\$13,493,546</b>  | <b>\$16,858,951</b>  | <b>\$18,003,372</b>     |
| <b>Tuition Remission</b>               | <b>\$165,827</b>     | <b>\$238,257</b>     | <b>\$14,286,153</b>  | <b>\$17,987,229</b>     |
| <b>Supplies &amp; Svcs (Trvl Incl)</b> | <b>\$33,745,684</b>  | <b>\$45,555,369</b>  | <b>\$99,657,065</b>  | <b>\$91,238,072</b>     |
| <b>Equipment</b>                       | <b>\$2,170,701</b>   | <b>\$5,881,364</b>   | <b>\$22,308,957</b>  | <b>\$20,348,638</b>     |
| <b>Sch/Fel</b>                         | <b>-</b>             | <b>-</b>             | <b>\$31,106,869</b>  | <b>\$36,609,253</b> (1) |
| <b>F&amp;A Charges</b>                 | <b>\$44,186,843</b>  | <b>\$51,857,776</b>  | <b>\$48,360,597</b>  | <b>\$52,262,256</b>     |
| <b>TOTAL</b>                           | <b>\$143,805,740</b> | <b>\$175,906,293</b> | <b>\$355,086,528</b> | <b>\$364,601,462</b>    |

Note (1) : FY09 Sch/Fel amount does not include \$30,980,198 in Ga Governor & Hope Scholarships  
FY10 Sch/Fel amount does not include \$36,552,163 in Ga Governor & Hope Scholarships

**DIRECT COSTS  
FISCAL YEAR 2010**

**GEORGIA INSTITUTE OF TECHNOLOGY  
 FY 10 ANNUAL REPORT  
 FY05-FY10 TREND ANALYSIS OF SPONSORED PROGRAMS DIRECT COSTS  
 Institute Direct Costs are up \$112.6 Million (39%)**



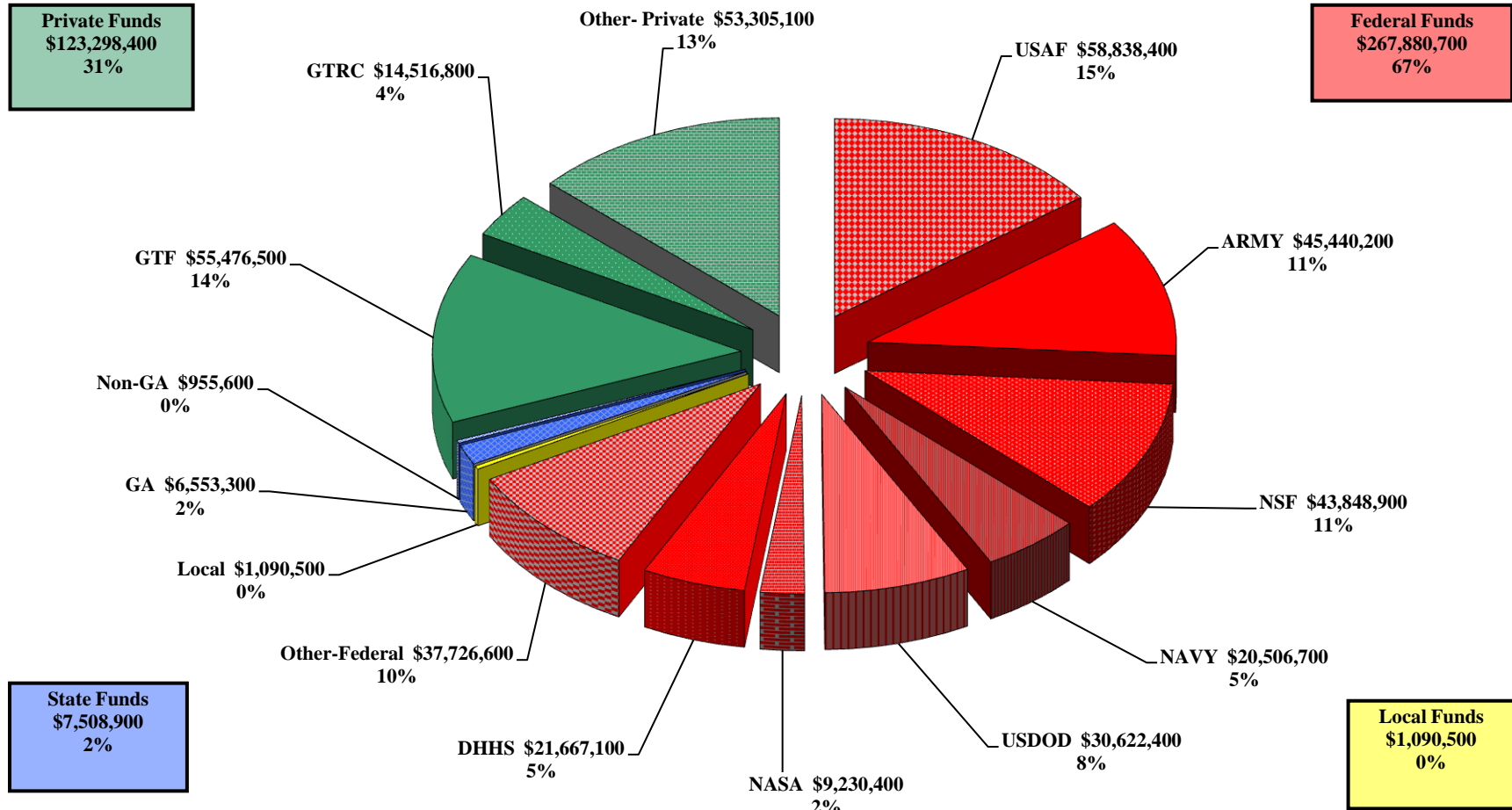
At a Glance...

| Year | RI      | GTRI    | Total   |
|------|---------|---------|---------|
| '10  | \$275.7 | \$124.1 | \$399.8 |
| '05  | \$214.9 | \$72.3  | \$287.2 |
| Up   | \$60.8  | \$51.8  | \$112.6 |

Total Sponsored Operations

# Sponsored Program By Major Source FY10 Direct Costs

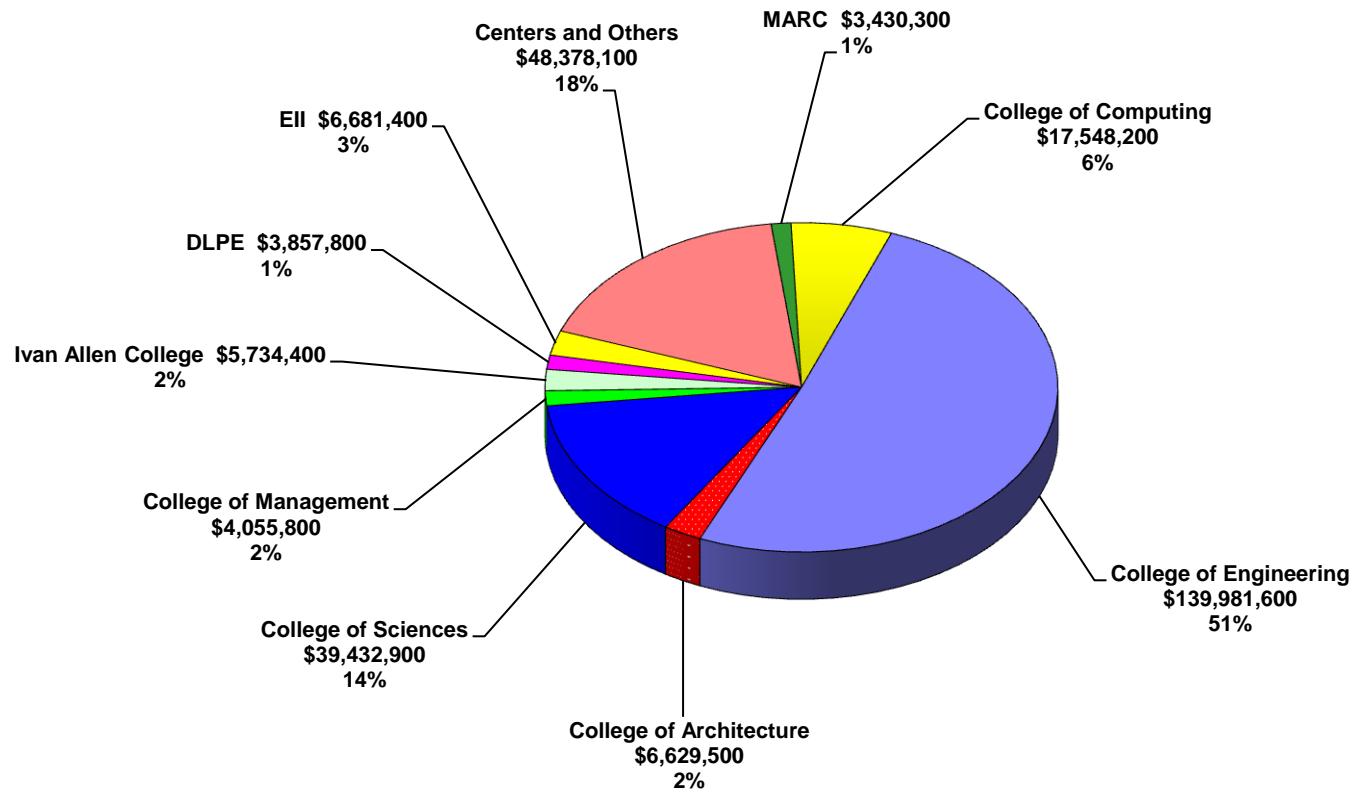
**TOTAL: \$399.8 Million**





**RESIDENT INSTRUCTION AND OTHER UNITS  
FY10 Direct Costs**

**Total: \$275,730,000**

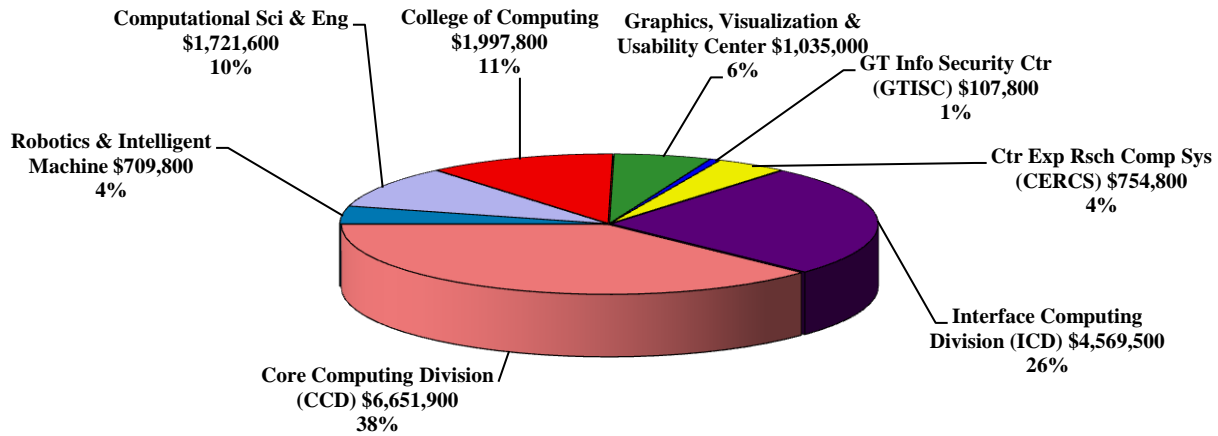


**RESIDENT INSTRUCTION AND OTHER UNITS  
FY09 - FY10 Direct Costs**

| <i><b>COLLEGE/UNIT</b></i>     | <i><b>FY09</b></i>   | <i><b>FY10</b></i>   | <i><b>% Incr/Decr</b></i> |
|--------------------------------|----------------------|----------------------|---------------------------|
| <b>Centers &amp; Others</b>    | <b>\$59,286,800</b>  | <b>\$48,378,100</b>  | <b>-18%</b>               |
| <b>MARC</b>                    | <b>\$3,948,600</b>   | <b>\$3,430,300</b>   | <b>-13%</b>               |
| <b>College of Computing</b>    | <b>\$17,592,400</b>  | <b>\$17,548,200</b>  | <b>0%</b>                 |
| <b>College of Engineering</b>  | <b>\$130,233,900</b> | <b>\$139,981,600</b> | <b>7%</b>                 |
| <b>College of Architecture</b> | <b>\$6,513,600</b>   | <b>\$6,629,500</b>   | <b>2%</b>                 |
| <b>College of Sciences</b>     | <b>\$37,807,000</b>  | <b>\$39,432,900</b>  | <b>4%</b>                 |
| <b>College of Management</b>   | <b>\$3,572,900</b>   | <b>\$4,055,800</b>   | <b>14%</b>                |
| <b>Ivan Allen College</b>      | <b>\$5,912,700</b>   | <b>\$5,734,400</b>   | <b>-3%</b>                |
| <b>DLPE</b>                    | <b>\$3,511,600</b>   | <b>\$3,857,800</b>   | <b>10%</b>                |
| <b>EII</b>                     | <b>\$7,239,500</b>   | <b>\$6,681,400</b>   | <b>-8%</b>                |
| <b><i>TOTAL</i></b>            | <b>\$275,619,000</b> | <b>\$275,730,000</b> | <b>0%</b>                 |

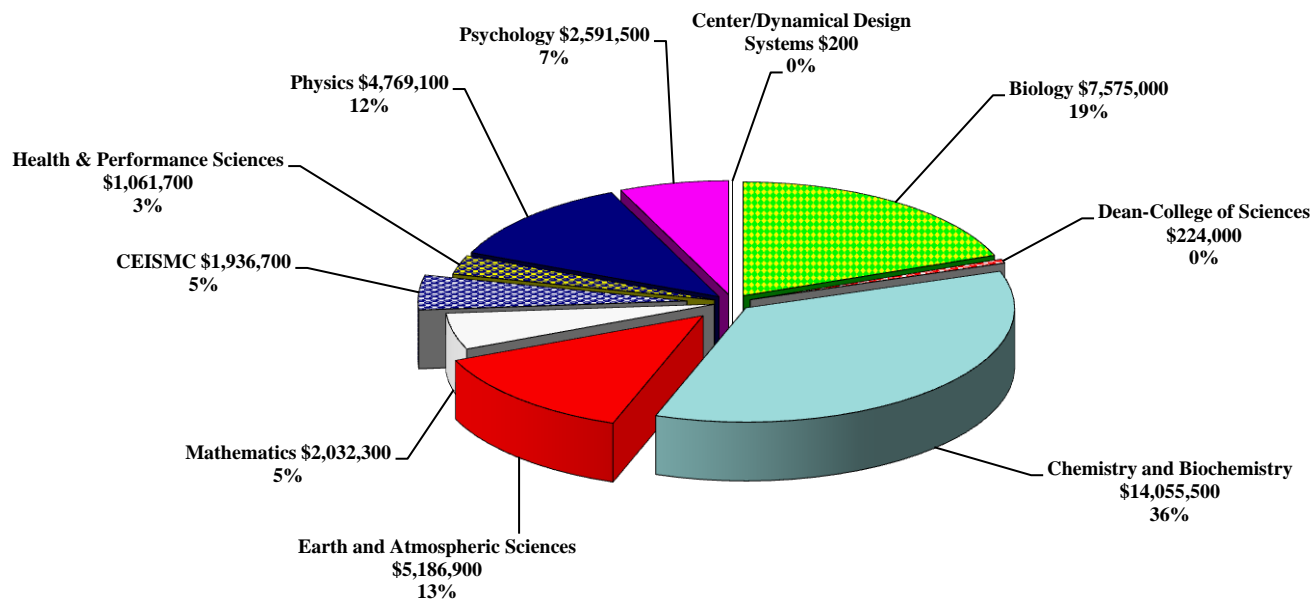
**COLLEGE OF COMPUTING  
FY 10 Direct Costs**

**TOTAL: \$17,548,200**



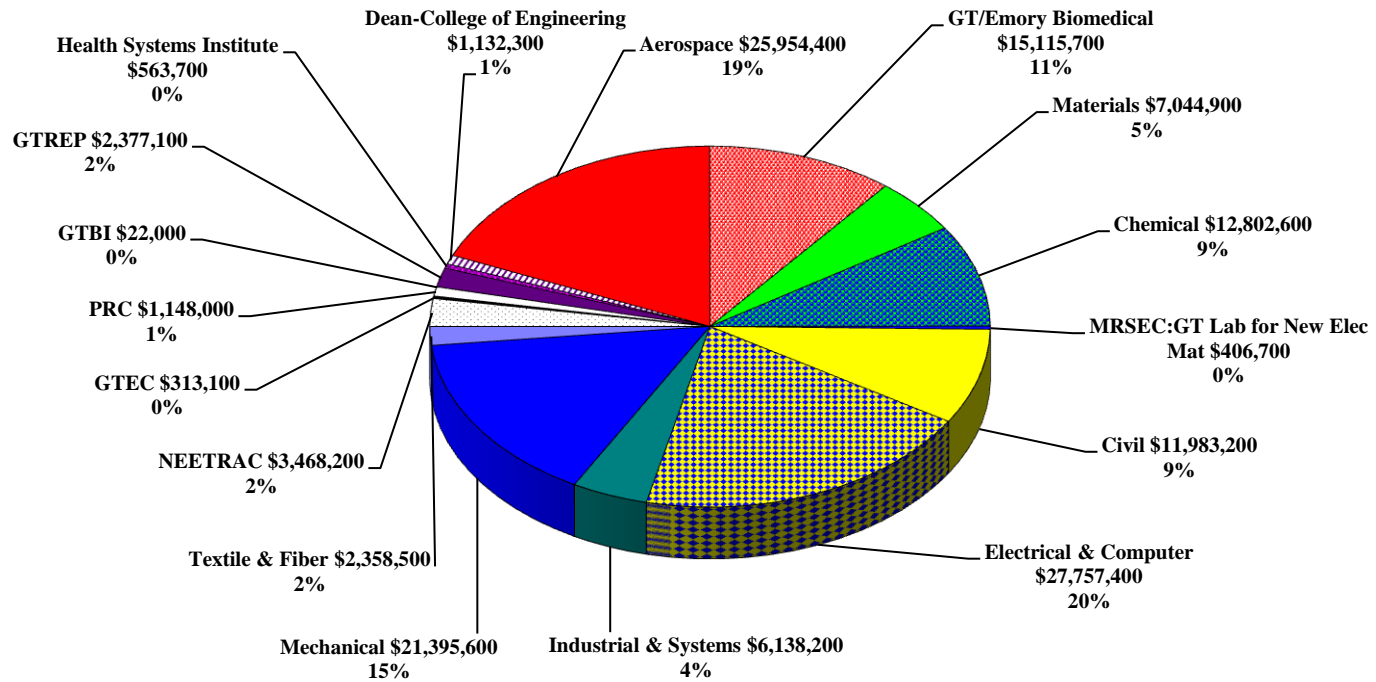
**COLLEGE OF SCIENCES  
FY10 Direct Costs**

**TOTAL: \$39,432,900**



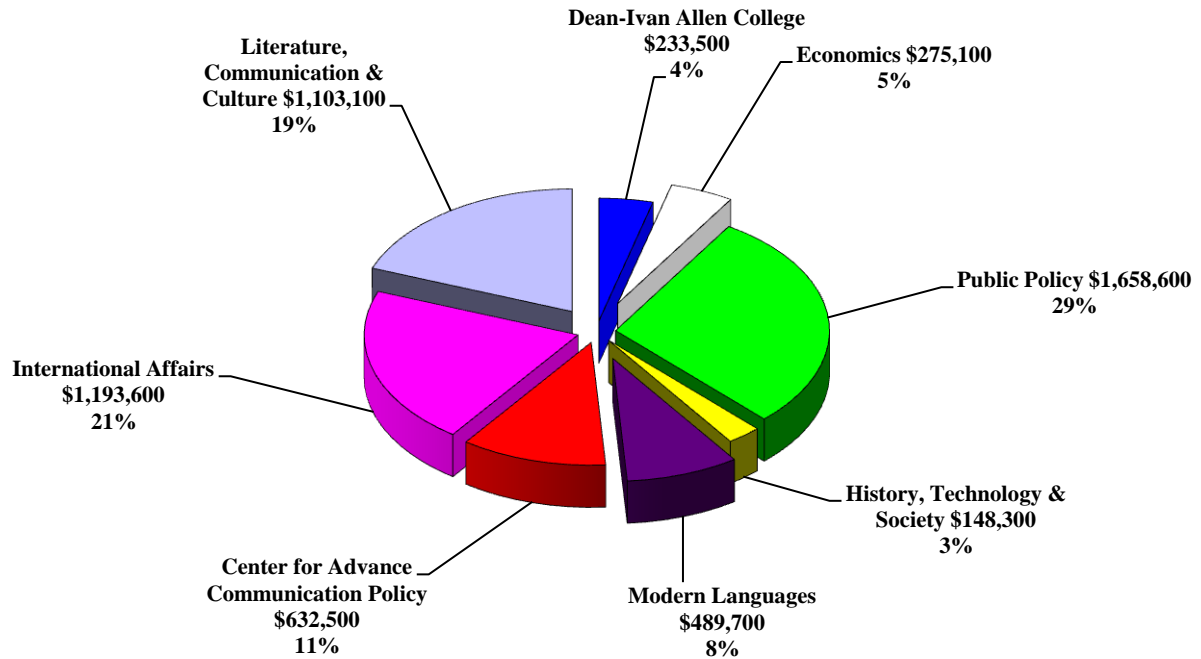
**COLLEGE OF ENGINEERING  
FY10 Direct Costs**

**TOTAL: \$139,981,600**



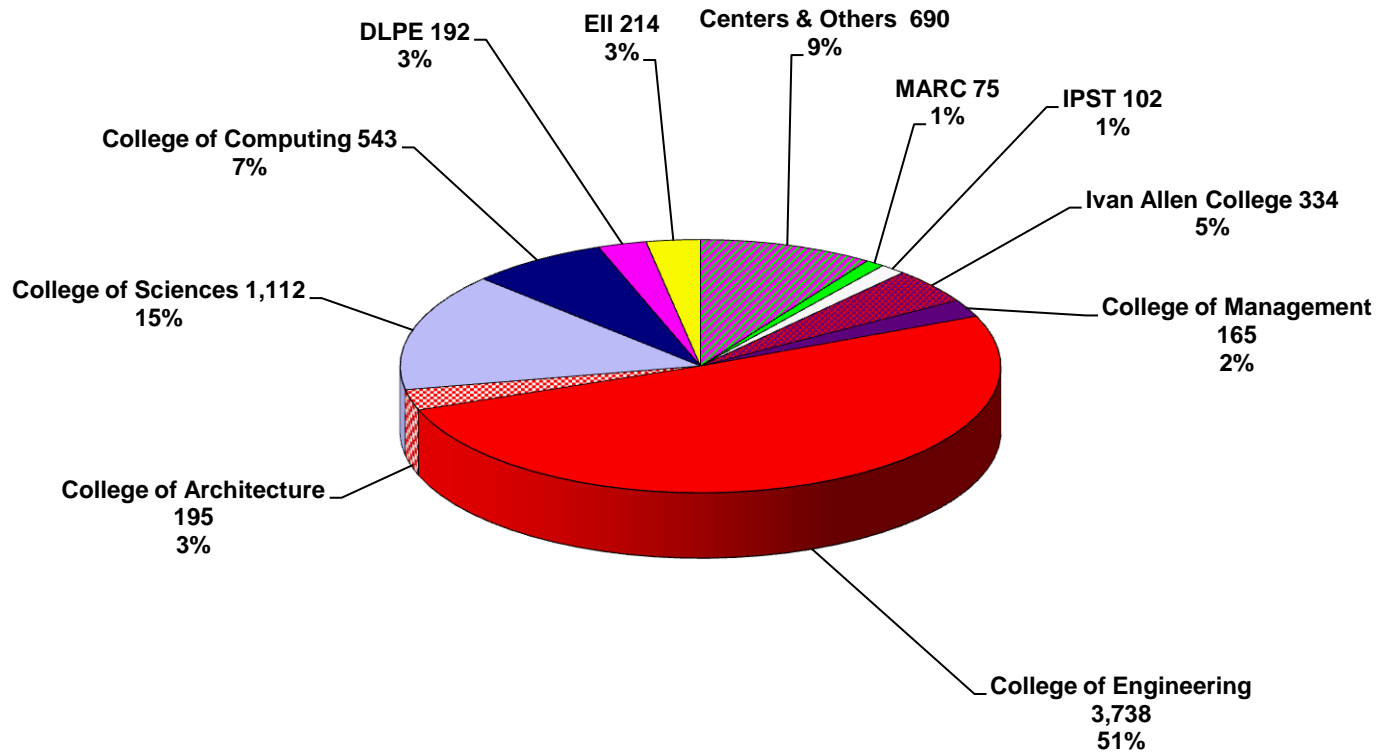
**IVAN ALLEN COLLEGE  
FY10 Direct Costs**

**TOTAL: \$5,734,400**



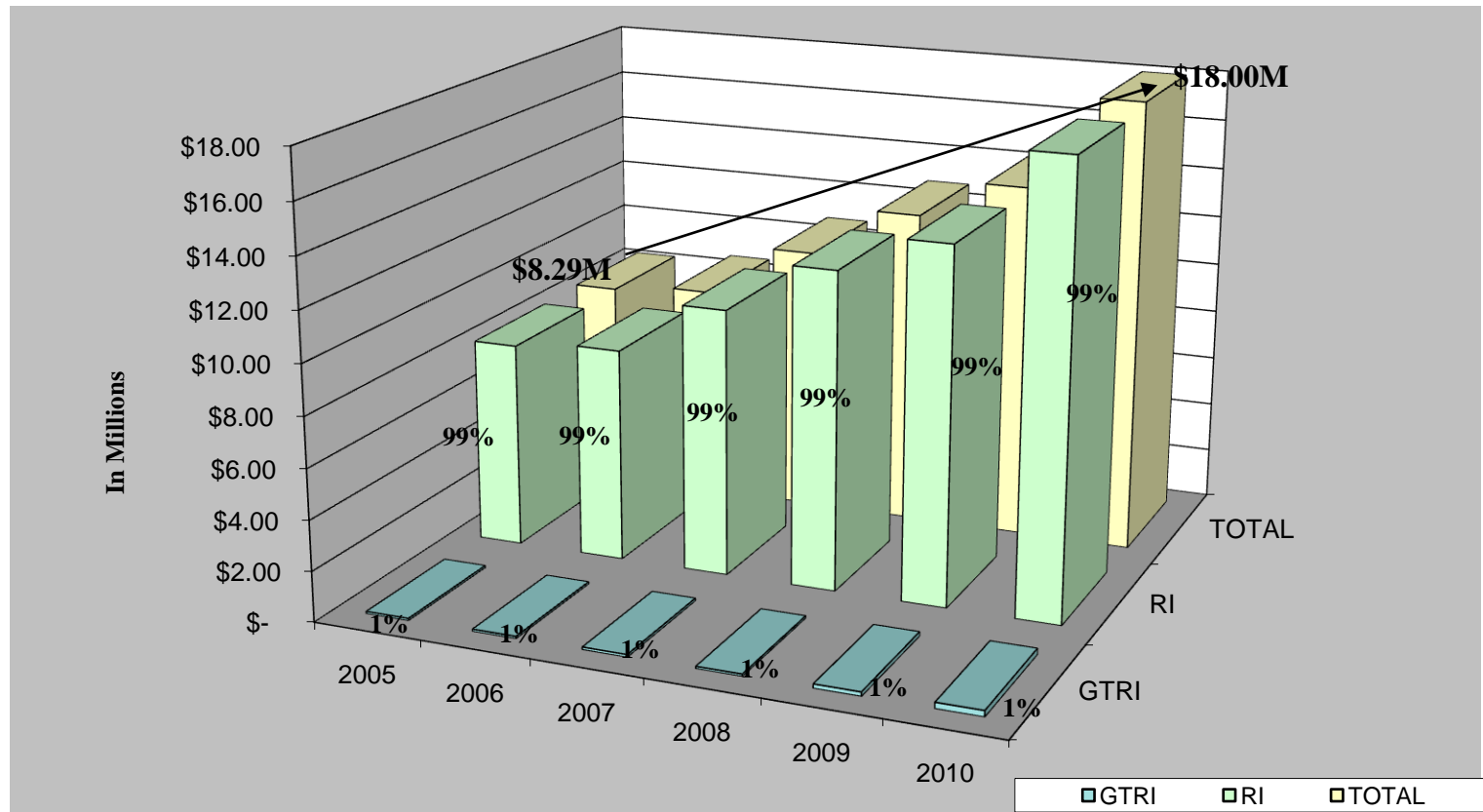
**RESIDENT INSTRUCTION AND OTHER UNITS**  
**Number of Projects/Sub-projects as of June 30, 2010**

**TOTAL: 7,360\***



\*Excludes Cost Sharing and Inactive Projects

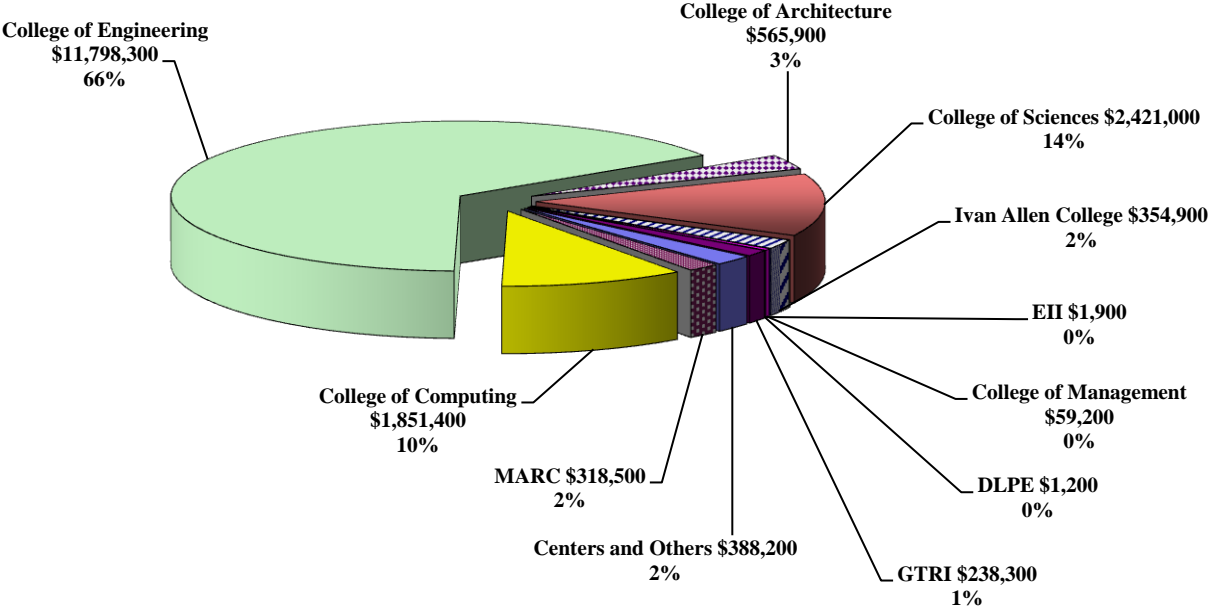
**GEORGIA INSTITUTE OF TECHNOLOGY  
 FY 10 ANNUAL REPORT  
 FY05-FY10 TREND ANALYSIS OF GRADUATE STUDENT TUITION REMISSION  
 RECOVERIES**





# FY10 Graduate Student Tuition Remission Recoveries

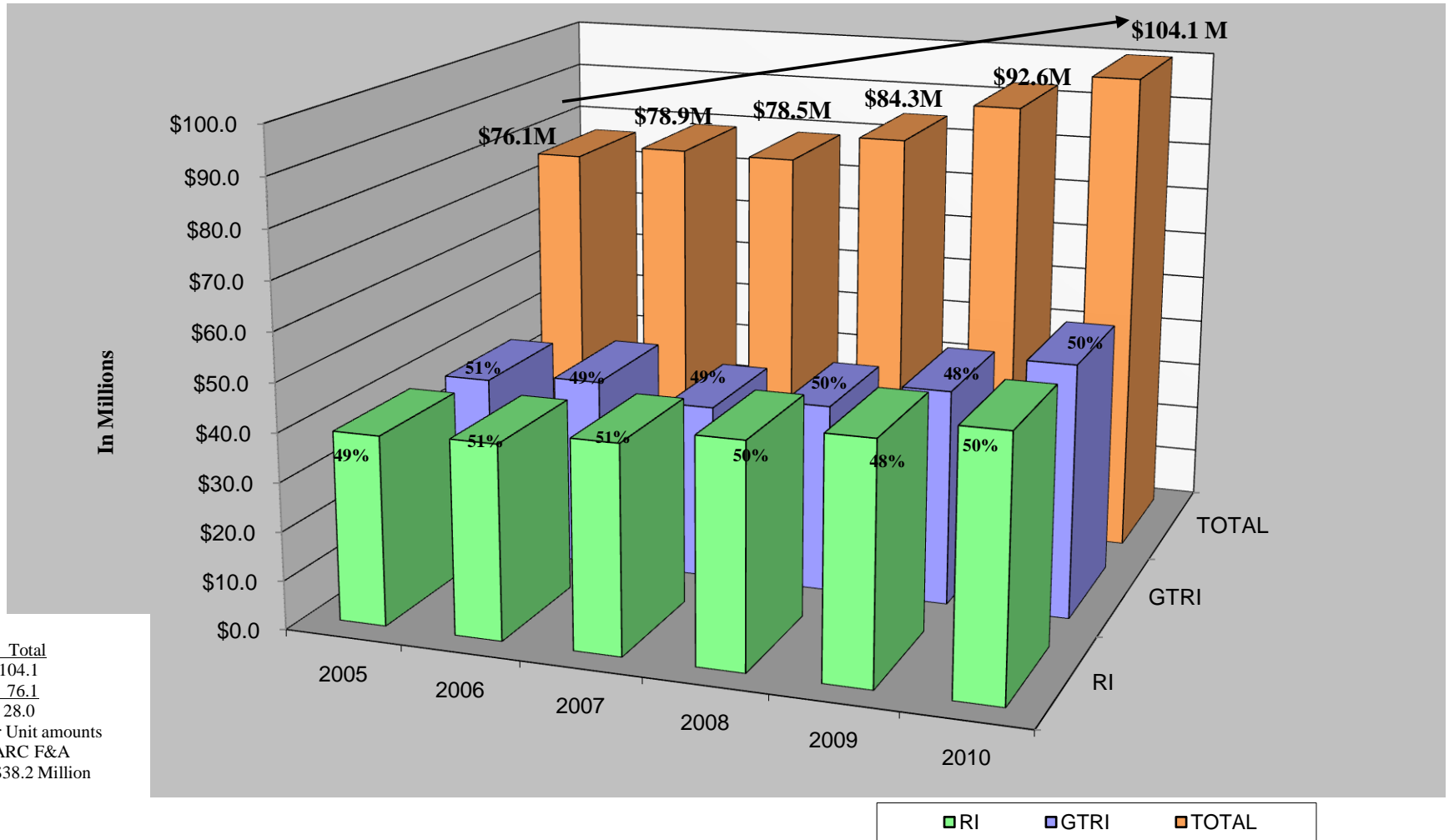
**TOTAL: \$17,998,800**



**FACILITIES AND ADMINISTRATIVE COST RECOVERIES  
FISCAL YEAR 2010**

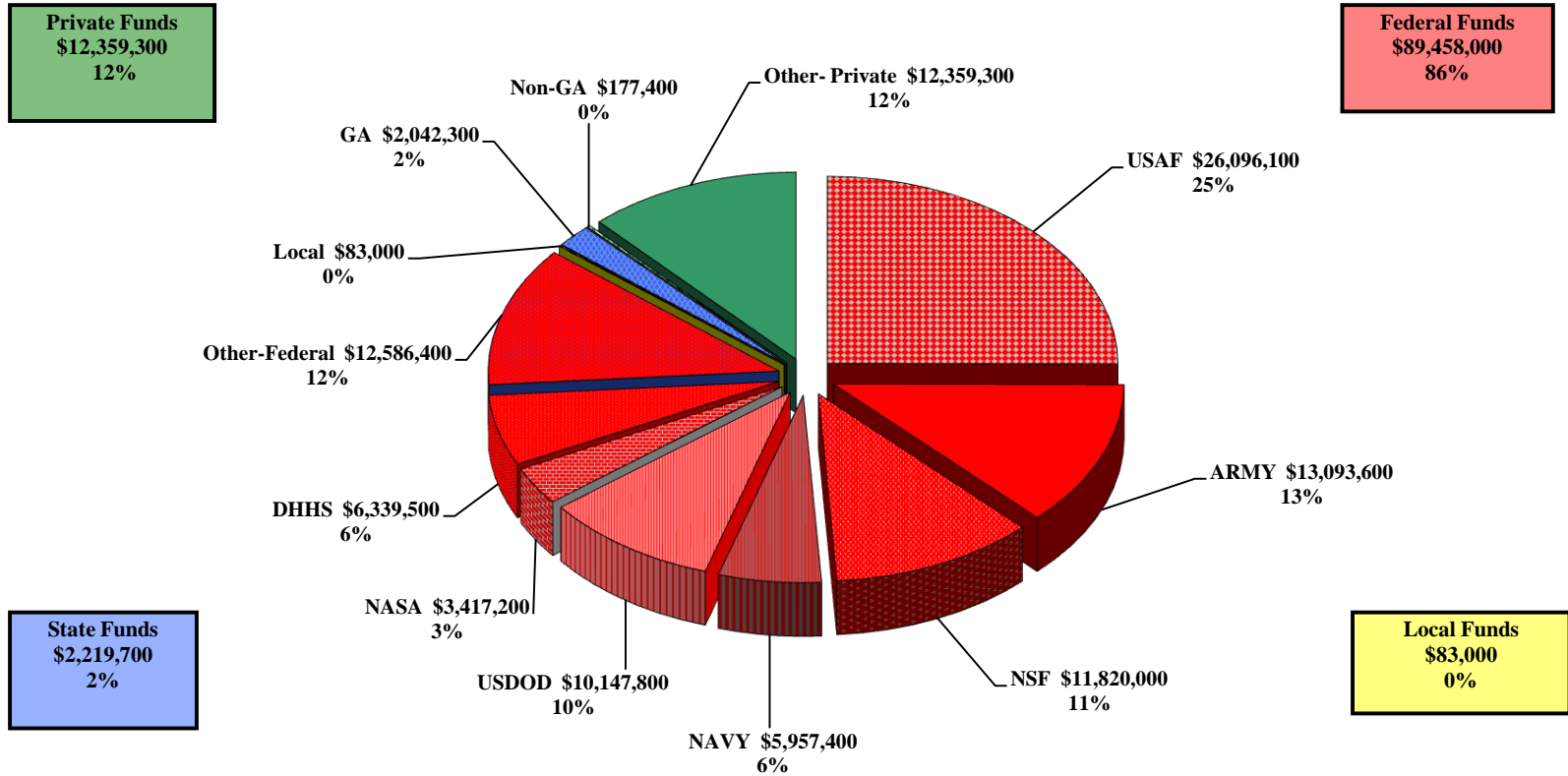
**GEORGIA INSTITUTE OF TECHNOLOGY  
FY 10 ANNUAL REPORT  
FY05-FY10 TREND ANALYSIS OF SPONSORED PROGRAMS FACILITIES & ADMINISTRATIVE COST RECOVERIES**

**Institute portion of Facilities & Administrative Cost Recoveries are up \$28 Million (37%)...**

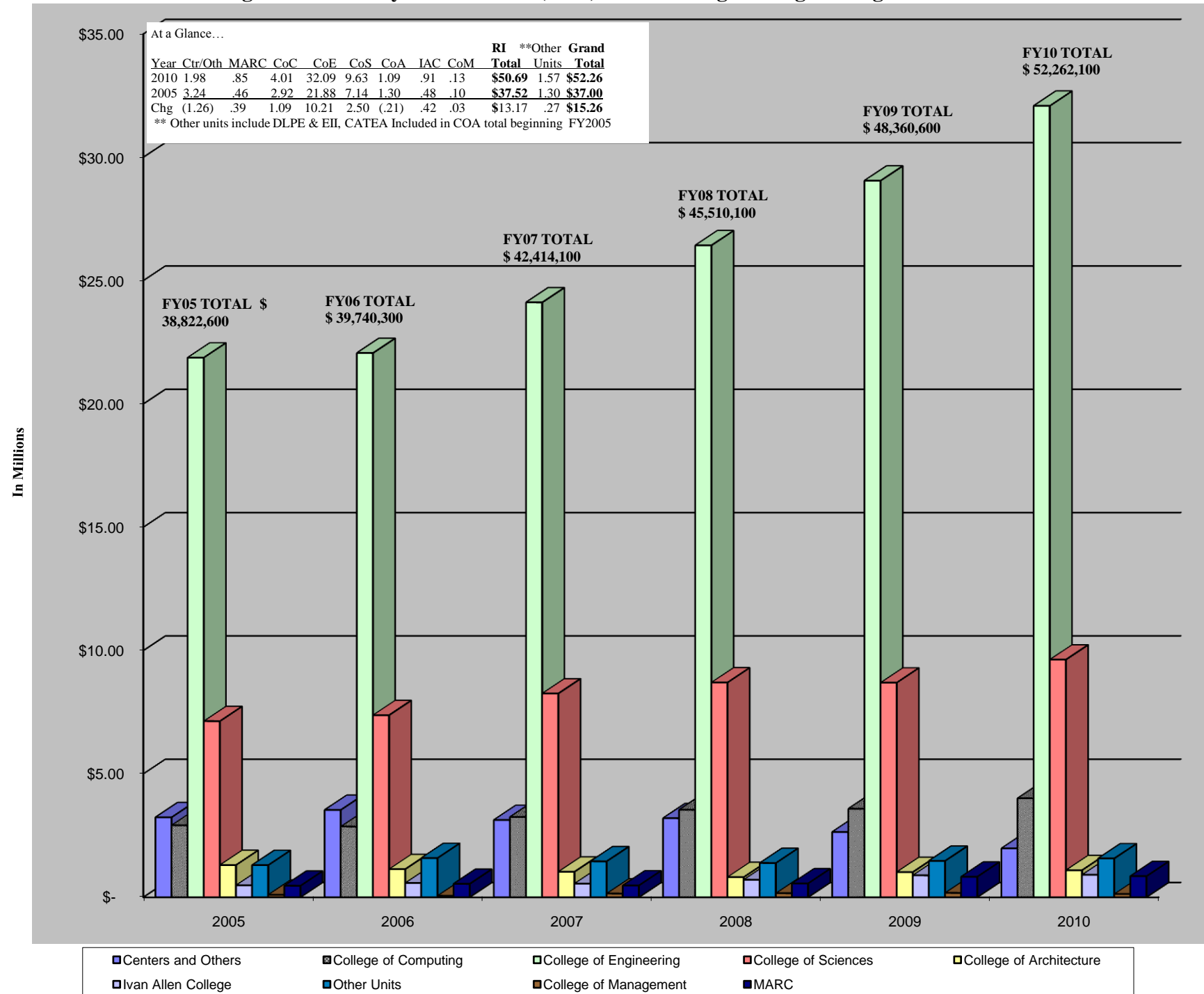


# Sponsored Program By Major Source FY10 Facilities & Administrative Cost Recoveries

**TOTAL: \$104.1 Million**



**GEORGIA INSTITUTE OF TECHNOLOGY  
 FY 10 ANNUAL REPORT  
 FY05-FY10 TREND ANALYSIS OF RI FACILITIES AND ADMINISTRATIVE COST RECOVERIES  
 GIT's growth fueled by \$10.2 Million (56%) rise in College of Engineering Recoveries**



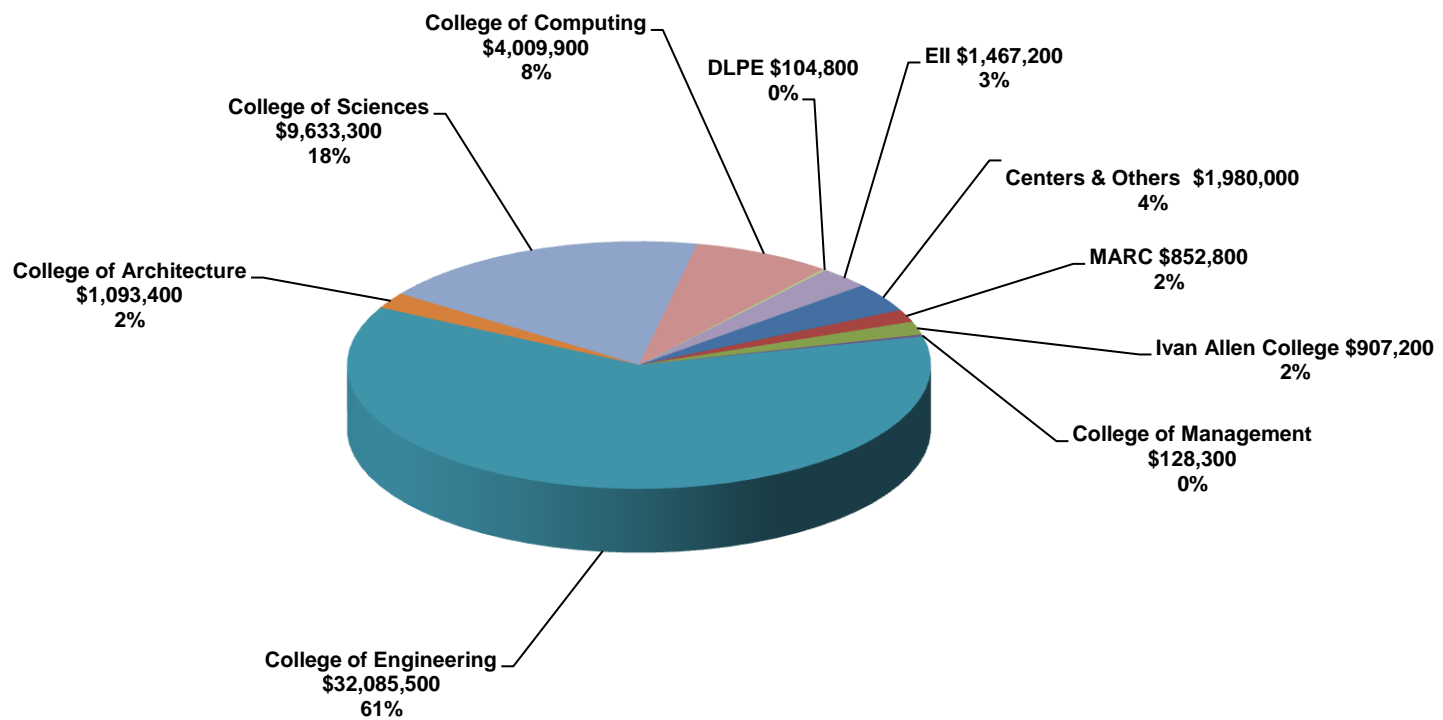
**GEORGIA INSTITUTE OF TECHNOLOGY  
FY 10 ANNUAL REPORT  
5 YEAR RI FACILITIES AND ADMINISTRATIVE RATES**

| <i>Activity</i>                        | <i>FY 2006</i> | <i>FY 2007</i> | <i>FY 2008</i> | <i>FY 2009</i> | <i>FY 2010</i> |
|--|----------------|----------------|----------------|----------------|----------------|
| <b>Research</b>                        |                |                |                |                |                |
| Capped                                 | <b>49.4%</b>   | <b>50.3%</b>   | <b>51.0%</b>   | <b>51.0%</b>   | <b>51.0%</b>   |
| Uncapped (DoD Contracts)               | <b>51.2%</b>   | <b>53.0%</b>   | <b>55.5%</b>   | <b>55.5%</b>   | <b>54.1%</b>   |
| <b>Other Sponsored</b>                 | <b>36.3%</b>   | <b>36.3%</b>   | <b>35.0%</b>   | <b>35.0%</b>   | <b>35.0%</b>   |
| <b>Instruction</b>                     | <b>44.8%</b>   | <b>51.0%</b>   | <b>51.0%</b>   | <b>51.0%</b>   | <b>52.4%</b>   |
| <b>Industrial (Non-Government) (1)</b> | <b>53.7%</b>   | <b>54.6%</b>   | <b>55.7%</b>   | <b>55.7%</b>   | <b>57.1%</b>   |

(1) Industrial Rates based on rate study. But not approved by ONR

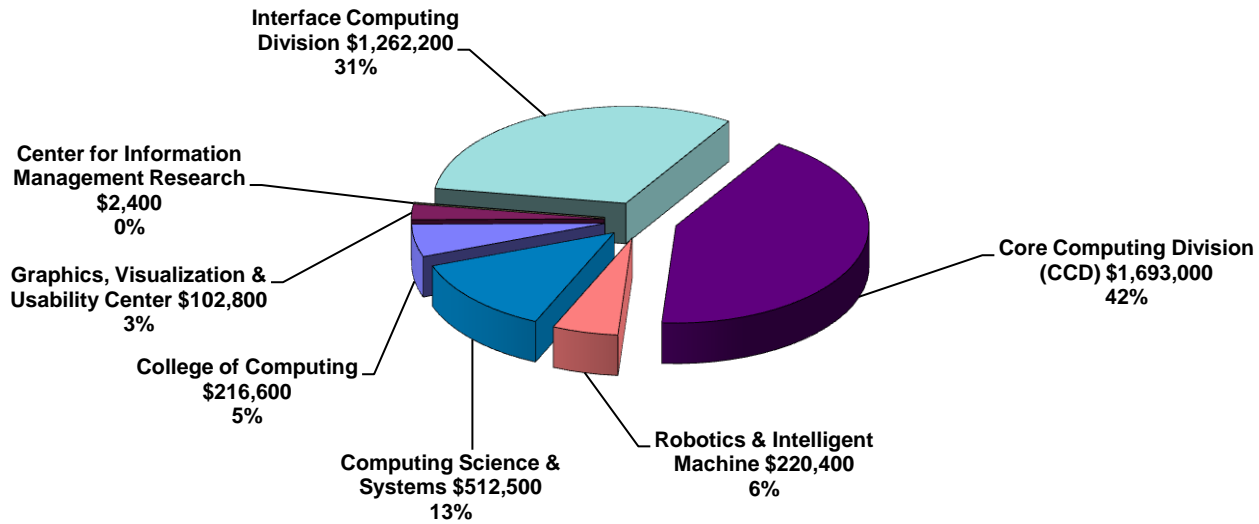
**RESIDENT INSTRUCTION AND OTHER UNITS  
FY10 Facilities & Administrative Cost Recoveries**

**TOTAL: \$52,262,400**



**COLLEGE OF COMPUTING**  
**FY10 Facilities & Administrative Cost Recoveries**

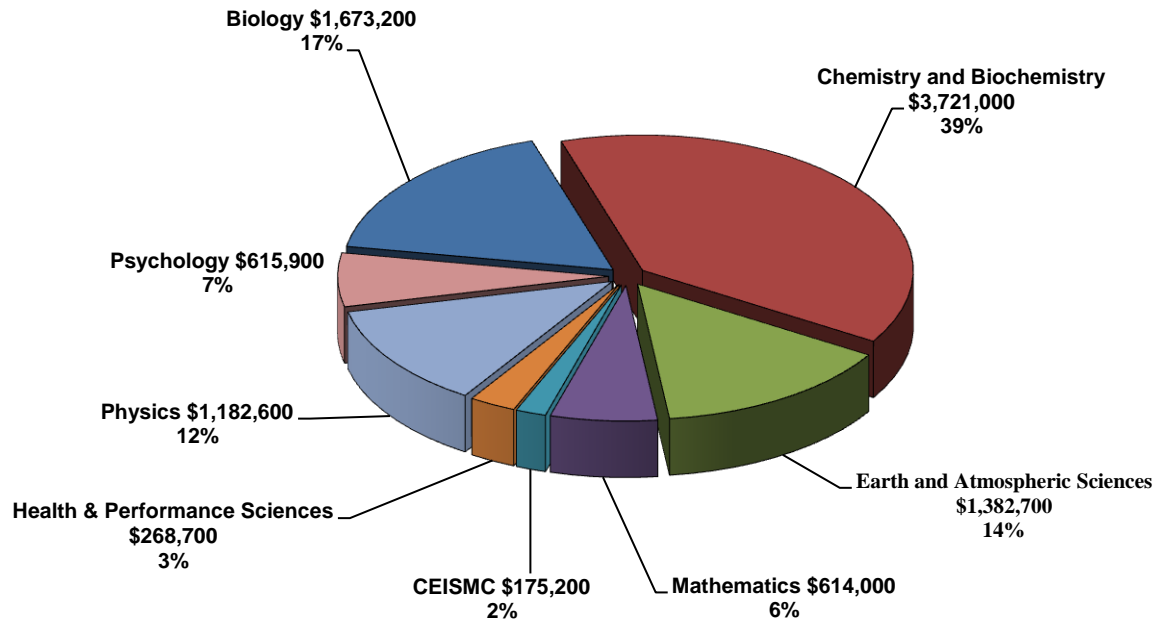
**TOTAL: \$4,009,900**





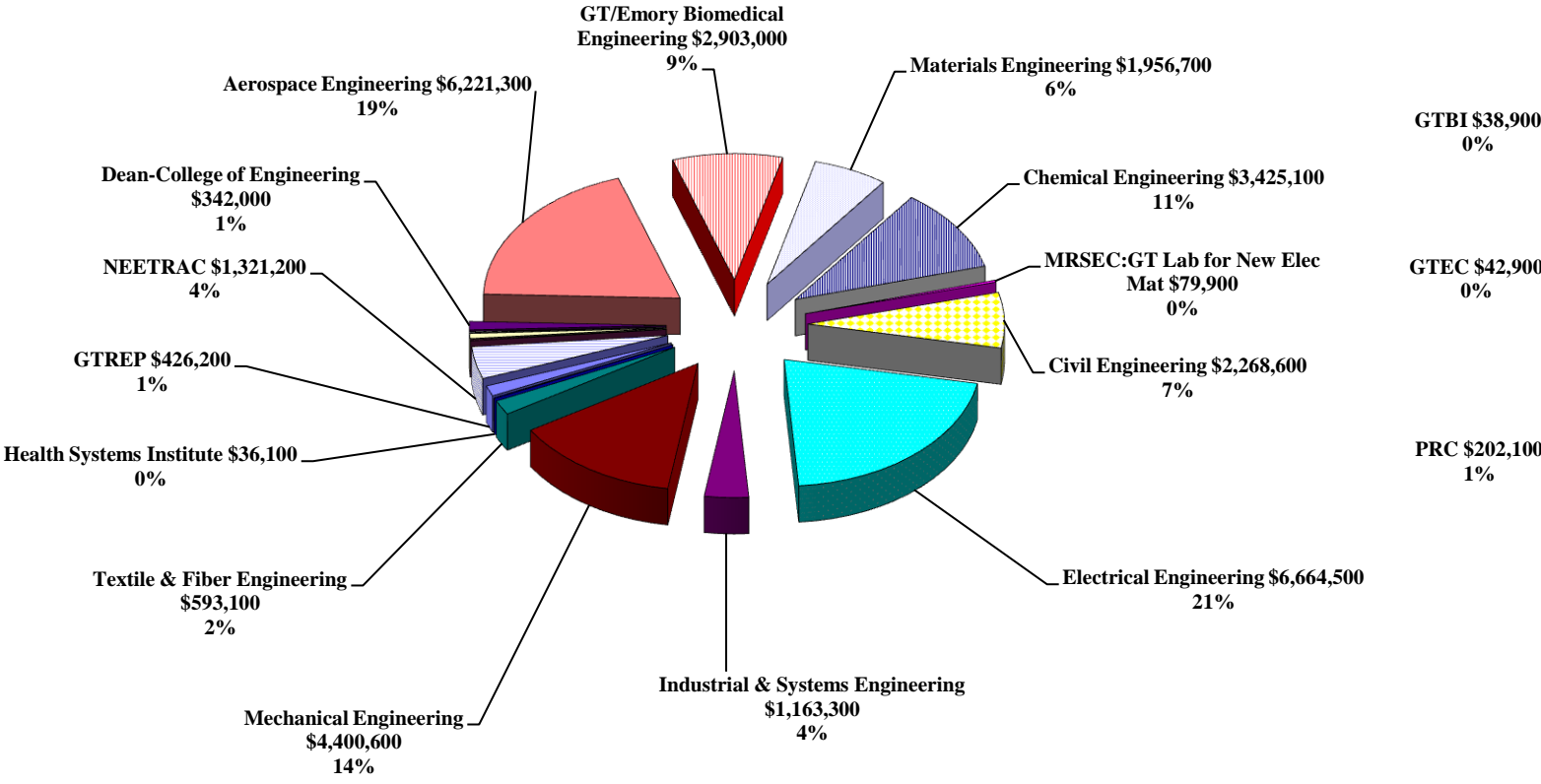
**COLLEGE OF SCIENCES**  
**FY10 Facilities & Administrative Cost Recoveries**

**TOTAL: \$9,633,300**



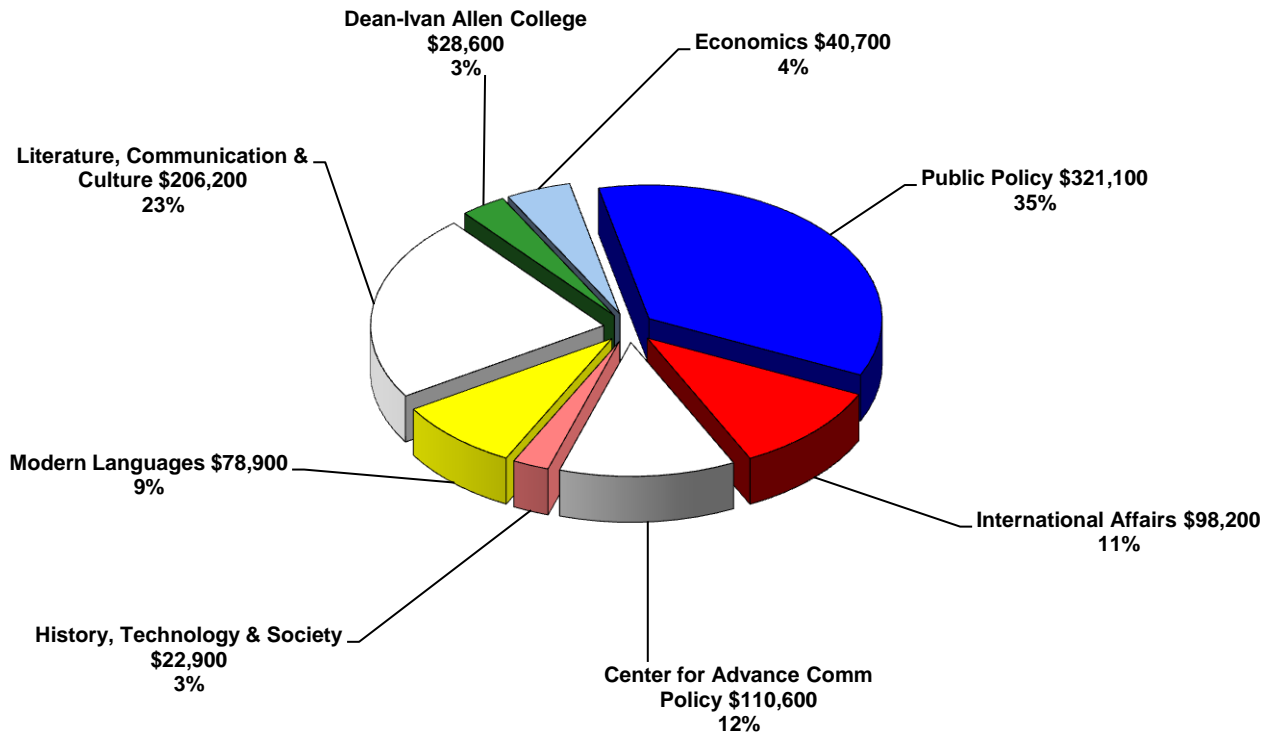
**COLLEGE OF ENGINEERING  
FY10 Facilities & Administrative Cost Recoveries**

**TOTAL: \$32,085,500**



**IVAN ALLEN COLLEGE**  
**FY10 Facilities & Administrative Cost Recoveries**

**TOTAL: \$907,200**



# GEORGIA INSTITUTE OF TECHNOLOGY

Reporting Context  
FY 2010

| Sponsored Program Expenditures        |                |                | Research Expenditures            |        |                |
|---------------------------------------|----------------|----------------|----------------------------------|--------|----------------|
| <b>Research</b>                       | Direct         | \$ 336,228,650 | <b>Sponsor Funded</b>            | Direct | \$ 336,228,650 |
|                                       | Indirect *     | 102,347,917    |                                  |        |                |
|                                       | <b>Total</b>   | 438,576,567    |                                  |        |                |
| <br>                                  |                |                | <b>Institute Funded Research</b> |        |                |
| <b>Other Sponsored</b>                |                |                | <b>Resident Instruction</b>      |        |                |
|                                       | Direct         | 63,549,821     | Architecture                     |        | 1,824,024      |
|                                       | Indirect       | 1,772,115      | Computing                        |        | 5,471,570      |
|                                       | <b>Total *</b> | 65,321,937     | Engineering                      |        | 51,942,461     |
|                                       |                |                | Sciences                         |        | 22,550,959     |
|                                       |                |                | Ivan Allen                       |        | 441,660        |
|                                       |                |                | Management                       |        | 409,142        |
|                                       |                |                | GA Electronic Design Center      |        | 1,660,939      |
|                                       |                |                | Other Centers**                  |        | 17,753,411     |
|                                       |                |                | <b>Total RI</b>                  |        | 102,054,167    |
|                                       |                |                | GTRI                             |        | 71,165,472     |
|                                       |                |                | DLPE                             |        | -              |
|                                       |                |                | EII                              |        | 3,510,384      |
|                                       |                |                | <b>Total Institute Sponsored</b> |        | 176,730,023    |
|                                       |                |                |                                  |        |                |
|                                       |                |                | <b>Total Research</b>            |        | \$ 512,958,673 |
| <b>Scholarships &amp; Fellowships</b> |                | 73,161,416     |                                  |        |                |
| <br>                                  |                |                |                                  |        |                |
| <b>Total</b>                          |                |                |                                  |        |                |
|                                       | Direct         | 472,939,887    |                                  |        |                |
|                                       | F&A Costs*     | 104,120,032    |                                  |        |                |
|                                       | <b>Total</b>   | \$ 577,059,919 |                                  |        |                |

\* Excludes GTRC/GTARC Indirect Collections of \$38,174,018, GTAA Personal Services of \$13,599,390, and GTF projects for land and facilities of \$24,660,725.

\*\* Includes Georgia Research Alliance and Research Support. Lottery funds distributed to departments/units.