

# GRANTS & CONTRACTS

## ANNUAL REPORT

2005/2006



*January, 2007 (Revised February, 2008)*

## TABLE OF CONTENTS

|  | <b>PAGE</b> |
|--|-------------|
| <b>Executive Summary .....</b>                           | <b>i</b>    |
| <b>Grants and Contracts Revenue .....</b>                | <b>1</b>    |
| <b>Grants and Contracts Expenditures .....</b>           | <b>2</b>    |
| <b>Federal Revenues .....</b>                            | <b>3</b>    |
| <b>State Revenues .....</b>                              | <b>4</b>    |
| <b>Private Revenues .....</b>                            | <b>5</b>    |
| <b>Cost Sharing .....</b>                                | <b>6</b>    |
| <b>Facilities and Administrative Cost Recovery .....</b> | <b>8</b>    |
| <b>Research Expenditures .....</b>                       | <b>10</b>   |
| <b>Proposals Submitted and Awarded.....</b>              | <b>12</b>   |

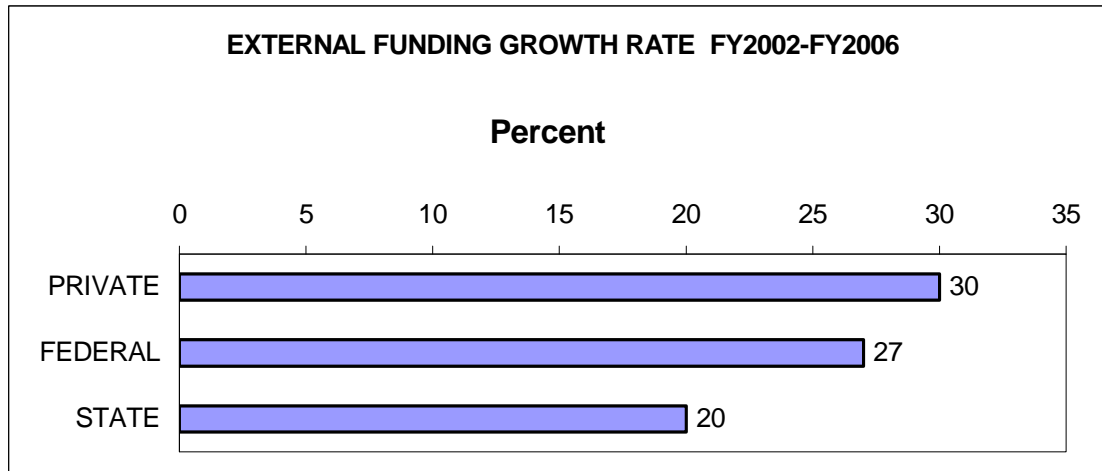
# GRANTS AND CONTRACTS 2005/2006

## EXECUTIVE SUMMARY

Grants and contracts are formal agreements between the University of Maine System and outside sponsors. They provide assistance and represent a mutual joining of interests on the part of the grantor and the University in the pursuit of a common objective, or they may be used to provide services for the direct benefit of the sponsor.

**I. GRANTS AND CONTRACTS REVENUE DECREASED BY \$5.9 MILLION TO \$132.2 MILLION IN FY2006.** Details concerning the sources of these increases by funding source and the expenditures by activity are shown in the table below. Grants and contracts support instruction, research, and public service projects that span from archaeological studies to research facility construction as well as extensive programs of the Cooperative Extension and research in agriculture, forestry, rural economic development, and marine studies through the Maine Agricultural & Forest Experiment Station.

| REVENUE BY SOURCE<br>(IN MILLIONS) |                |                |                | EXPENDITURES BY ACTIVITY<br>(IN MILLIONS) |                |                |                              |
|------------------------------------|----------------|----------------|----------------|---|----------------|----------------|------------------------------|
| <u>SOURCE</u>                      | <u>FY2005</u>  | <u>FY2006</u>  | <u>CHANGE</u>  | <u>ACTIVITY</u>                           | <u>FY2005</u>  | <u>FY2006</u>  | <u>FY2006 %<br/>OF TOTAL</u> |
| FEDERAL                            | \$50.3         | \$52.0         | \$1.7          | INSTRUCTION                               | \$23.5         | \$22.6         | 17                           |
| STATE                              | 34.3           | 32.2           | (2.1)          | RESEARCH                                  | 73.5           | 68.6           | 52                           |
| PRIVATE                            | 20.7           | 20.8           | .1             | PUBLIC SERVICE                            | <u>41.1</u>    | <u>41.0</u>    | <u>31</u>                    |
| UNIVERSITY                         | <u>32.8</u>    | <u>27.2</u>    | <u>(5.6)</u>   |   |                |                |                              |
| TOTAL                              | <u>\$138.1</u> | <u>\$132.2</u> | <u>\$(5.9)</u> | TOTAL                                     | <u>\$138.1</u> | <u>\$132.2</u> | <u>100</u>                   |



**Private ( ↑ 30% )** Private support is comprised of funding from non-profit organizations, other governmental entities, educational institutions and business and industry. Private support increased by \$4.8 million from FY2002 to FY2006.

## EXECUTIVE SUMMARY

**Federal ( ↑ 27% )** The National Science Foundation and The Department of Agriculture accounted for \$4.2 million of the \$11.1 million net increase in federal revenues from FY2002 to FY2006. The Departments of Education, Defense, and Health & Human Services continue to be major sponsors as well.

**State ( ↑ 20% )** The primary sources of state funding were the Maine Departments of Human Services, Education, and Economics & Community Development Services. Over the past five years, these departments have increased their funding by 28%, or \$5.5 million.

- II. STATE RESEARCH AND DEVELOPMENT APPROPRIATIONS (MEIF) MADE AN IMPORTANT IMPACT IN FY2006.** \$42.7 million in research grants and contracts were generated by employing most of the \$14.7 million of available State appropriation in FY2006. A portion of the generated grants and contracts represent multi-year awards whose expenditures will appear in future grants and contracts reports.

For the 2-year period ended June 30, 2006, \$28.2 million in State funds attracted \$84.6 million in external grants and contracts funding.

\$1.6 million of the State appropriation dollars available in FY2006 were used for direct cost sharing and \$12.9 million was used for support of faculty and staff, direct equipment purchases, research space, and research in such areas as computer software & engineering, advanced materials engineering, advanced technologies for forestry and agriculture, aquaculture and marine sciences, biotechnology, technology transfer, information technology, and biosciences. The remaining balance was carried over for use in FY2007.

- III. THE FY2006 NET FACILITIES AND ADMINISTRATIVE COST RECOVERY INCREASED BY 4% FROM \$12.6 MILLION IN FY2005 TO \$13.1 MILLION IN FY2006.** Facilities and Administrative Cost Recovery is a negotiated rate applied to grant and contract expenditures to reimburse the University for the use of its physical plant and administrative cost associated with grants and contracts.

- IV. COST SHARING (THE FUNDS CONTRIBUTED BY THE UNIVERSITY TOWARD PROJECTS) HAS GROWN \$2.8 MILLION SINCE FY2002.** Cost sharing as a percentage of external funding was 26% in FY2006, after having remained relatively constant at an average of 29% during the period from FY2002 through FY2005.

- V. IN 2006, 967 GRANT PROPOSALS WERE SUBMITTED AND 719 WERE APPROVED TOTALING \$106.5 MILLION.** This compares with 1,004 submissions and 728 approvals amounting to \$102.5 million during FY2005. The average award for FY2006 was \$148,100, compared to \$140,800 in FY2005. Awards cannot be compared to current year expenditures since awards may be spent over a multi-year period.

## GRANTS AND CONTRACTS REVENUE

Grants and Contracts revenue is used only to meet expenses and is not a profit-generating item. Total revenue used to meet expenditures for FY2006 was \$132.2 million, a decrease of \$5.9 million from FY2005 and an increase of \$24.1 million (22%) over FY2002. Federal grants and contracts revenue was 27% higher than four years ago, while State grants and contracts revenue (including Federal pass-through funds) was 20% higher. University cost sharing contributions are discussed on Page 6 of this report.

### GRANTS AND CONTRACTS REVENUE BY SOURCE OF FUNDS (\$ in thousands)

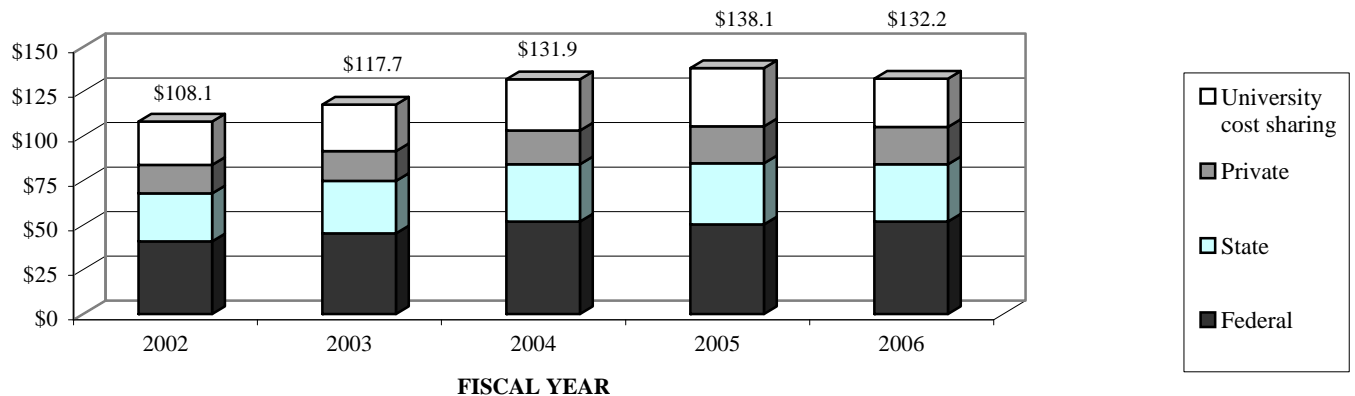
|                         | FY2002            |            | FY2003            |            | FY2004            |            | FY2005            |            | FY2006            |              |
|-------------------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|--------------|
|                         | \$                | %          | \$                | %          | \$                | %          | \$                | %          | \$                | %            |
| Federal                 | \$ 40,836         | 37         | \$ 45,384         | 39         | \$ 51,931         | 40         | \$ 50,348         | 36         | \$ 51,964         | 39           |
| State                   | 26,921            | 25         | 29,525            | 25         | 32,311            | 24         | 34,298            | 25         | 32,256            | ** 24        |
| Private                 | 15,958            | 15         | 16,563            | 14         | 18,763            | 14         | 20,693            | 15         | 20,805            | ** 16        |
| University cost sharing | 24,381            | 23         | 26,236            | 22         | 28,917            | 22         | 32,756            | 24         | 27,177            | 21           |
| <b>Total</b>            | <b>\$ 108,096</b> | <b>100</b> | <b>\$ 117,708</b> | <b>100</b> | <b>\$ 131,922</b> | <b>100</b> | <b>\$ 138,095</b> | <b>100</b> | <b>\$ 132,202</b> | <b>* 100</b> |

\* Includes \$13.3 million for the Maine Agricultural and Forest Experiment Station (MAFES); \$13.9 million for UM Cooperative Extension (UMCE); and \$37.0 million for the USM Muskie School of Public Service (Muskie) :

|                         | <u>MAFES</u>   | <u>UMCE</u>    | <u>Muskie</u>  |
|-------------------------|----------------|----------------|----------------|
| Federal                 | \$ 5.1         | \$ 3.4         | \$ 7.0         |
| State                   | .4             | 2.5            | 17.4           |
| Private                 | .6             | .7             | 6.8            |
| University cost sharing | 7.2            | 7.3            | 5.8            |
| <b>Total</b>            | <b>\$ 13.3</b> | <b>\$ 13.9</b> | <b>\$ 37.0</b> |

\*\* Includes federal pass-through funds (see pages 4 – 5).

### GRANTS AND CONTRACTS REVENUE BY SOURCE (In millions)



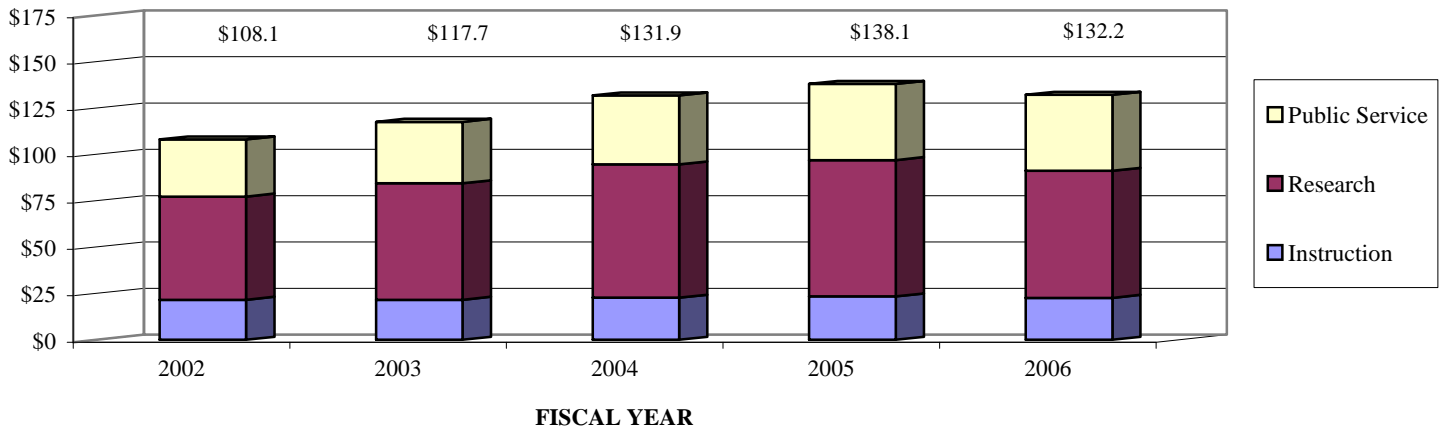
## GRANTS AND CONTRACTS EXPENDITURES

During FY2006, 52% of total grants and contracts expenditures were incurred for Research, 31% for Public Service, and 17% for Instruction.

### GRANTS AND CONTRACTS EXPENDITURES BY ACTIVITY (\$ in thousands)

|                | FY2002            |            | FY2003            |            | FY2004            |            | FY2005            |            | FY2006            |            |
|----------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|
|                | \$                | %          | \$                | %          | \$                | %          | \$                | %          | \$                | %          |
| Instruction    | \$ 21,700         | 20         | \$ 21,721         | 18         | \$ 22,821         | 17         | \$ 23,542         | 17         | \$ 22,673         | 17         |
| Research       | 55,636            | 52         | 62,755            | 54         | 71,924            | 55         | 73,506            | 53         | 68,575            | 52         |
| Public Service | 30,760            | 28         | 33,232            | 28         | 37,177            | 28         | 41,047            | 30         | 40,954            | 31         |
| <b>Total</b>   | <b>\$ 108,096</b> | <b>100</b> | <b>\$ 117,708</b> | <b>100</b> | <b>\$ 131,922</b> | <b>100</b> | <b>\$ 138,095</b> | <b>100</b> | <b>\$ 132,202</b> | <b>100</b> |

### GRANTS AND CONTRACTS EXPENDITURES BY ACTIVITY (\$ in millions)



### UNIVERSITY EXPENDITURES BY ACTIVITY FY2006 (\$ in thousands)

|                                  | INSTRUCTION      |            | RESEARCH         |            | PUBLIC SERVICE   |            | TOTAL             |            |
|----------------------------------|------------------|------------|------------------|------------|------------------|------------|-------------------|------------|
|                                  | \$               | %          | \$               | %          | \$               | %          | \$                | %          |
| University of Maine              | \$ 4,689         | 21         | \$ 48,140        | 70         | \$ 18,328        | 45         | \$ 71,157         | 54         |
| University of Maine Augusta      | 15               | -          | -                | -          | 2,412            | 6          | 2,427             | 2          |
| University of Maine Farmington   | 1,468            | 6          | 1,305            | 2          | 540              | 1          | 3,313             | 2          |
| University of Maine Fort Kent    | 1                | -          | 3                | -          | 319              | 1          | 323               | -          |
| University of Maine Machias      | 191              | 1          | 177              | -          | 6                | -          | 374               | -          |
| University of Southern Maine     | 13,731           | 61         | 18,950           | 28         | 17,320           | 42         | 50,001 *          | 38         |
| University of Maine Presque Isle | 210              | 1          | -                | -          | 902              | 2          | 1,112             | 1          |
| System-Wide Services             | 2,368            | 10         | -                | -          | 1,127            | 3          | 3,495             | 3          |
|                                  | <b>\$ 22,673</b> | <b>100</b> | <b>\$ 68,575</b> | <b>100</b> | <b>\$ 40,954</b> | <b>100</b> | <b>\$ 132,202</b> | <b>100</b> |

\* Includes \$37.0 million for the Muskie School of Public Service.

# FEDERAL REVENUES

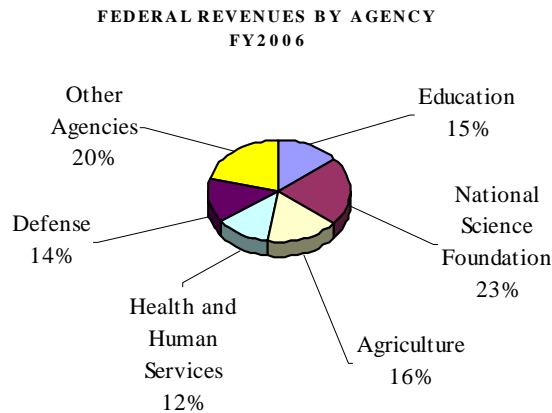
The table and graph below indicate the level of funding received from Federal agencies. The National Science Foundation was the top source of Federal revenues again in FY2006, followed by the Departments of Agriculture and Education. These three agencies combined have provided over 50% of the total Federal revenues for each of the past five years.

## FEDERAL REVENUES BY AGENCY (\$ in thousands)

| Agency                             | FY2002           |            | FY2003           |            | FY2004           |            | FY2005           |            | FY2006             |            |
|------------------------------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|--------------------|------------|
|                                    | \$               | %          | \$               | %          | \$               | %          | \$               | %          | \$                 | %          |
| National Science Foundation        | \$ 8,187         | 20         | \$ 10,626        | 24         | \$ 12,176        | 25         | \$ 12,045        | 25         | \$ 11,418          | 23         |
| Agriculture                        | 7,385            | 18         | 7,502            | 17         | 7,476            | 12         | 6,008            | 12         | 8,385 *            | 16         |
| Education                          | 8,290            | 21         | 8,332            | 17         | 8,730            | 17         | 8,960            | 17         | 7,513              | 15         |
| Defense                            | 4,760            | 12         | 4,355            | 10         | 5,485            | 15         | 7,441            | 15         | 7,154              | 14         |
| Health & Human Services            | 4,812            | 12         | 5,449            | 12         | 5,450            | 10         | 4,942            | 10         | 6,062              | 12         |
| Justice                            | 1,272            | 2          | 1,897            | 4          | 2,566            | 5          | 2,418            | 5          | 2,864              | 5          |
| Commerce                           | 1,460            | 4          | 2,148            | 5          | 2,861            | 4          | 2,186            | 4          | 2,622              | 5          |
| Environmental Protection           | 679              | 2          | 948              | 2          | 1,090            | 3          | 1,442            | 3          | 1,519              | 3          |
| Energy                             | 98               | 0          | 378              | 1          | 1,441            | 1          | 490              | 1          | 1,271              | 2          |
| Corp for Nat'l & Community Svc     | 456              | 1          | 385              | 1          | 536              | 2          | 804              | 2          | 844                | 2          |
| Interior                           | 804              | 2          | 817              | 2          | 960              | 1          | 644              | 1          | 566                | 1          |
| Small Business Administration      | 814              | 2          | 438              | 1          | 634              | 1          | 535              | 1          | 500                | 1          |
| NASA                               | 772              | 2          | 667              | 1          | 384              | 1          | 495              | 1          | 448                | 1          |
| Transportation                     | 73               | 0          | 392              | 1          | 575              | 1          | 295              | 1          | 222                | 0          |
| Institute of Museum & Library Svcs | 0                | 0          | -                | 0          | 277              | 1          | 433              | 1          | 221                | 0          |
| Veteran's Administration           | 179              | 0          | 198              | 0          | 192              | 0          | 194              | 0          | 199                | 0          |
| National Found Arts/ Humanities    | 13               | 0          | 28               | 0          | 216              | 0          | 143              | 0          | 70                 | 0          |
| Labor                              | 769              | 2          | 813              | 2          | 795              | 0          | 88               | 0          | 70                 | 0          |
| Other                              | 13               | 0          | 11               | 0          | 87               | 0          | 38               | 0          | 11                 | 0          |
| Homeland Security                  | 0                | 0          | 0                | 0          | 0                | 0          | 11               | 0          | 5                  | 0          |
| Information Agency                 | 0                | 0          | 0                | 0          | 0                | 1          | 736              | 1          | 0                  | 0          |
|                                    | <u>\$ 40,836</u> | <u>100</u> | <u>\$ 45,384</u> | <u>100</u> | <u>\$ 51,931</u> | <u>100</u> | <u>\$ 50,348</u> | <u>100</u> | <u>\$ 51,964**</u> | <u>100</u> |

\* FY2006 revenue includes \$3.9 million for MAFES and \$2.9 million for UMCE.

\*\* Includes \$7.0 million from Health & Human Services, Dept of Commerce, Dept of Justice, and the Dept of Education for the Muskie School of Public Service.



# STATE REVENUES

The table and graph below indicate the level of revenue from State agencies, which includes Federal funding passed through to the University. The Department of Human Services continues to be the major source of State revenues.

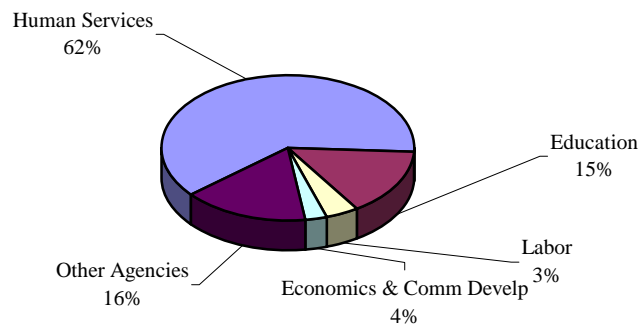
## STATE REVENUES BY AGENCY (\$ in thousands)

| Agency                            | FY 2002          |            | FY 2003          |            | FY 2004          |            | FY 2005          |            | FY 2006            |            |
|-----------------------------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|--------------------|------------|
|                                   | \$               | %          | \$               | %          | \$               | %          | \$               | %          | \$                 | %          |
| Human Services                    | \$ 16,829        | 62         | \$ 18,053        | 60         | \$ 19,390        | 60         | \$ 18,437        | 53         | \$ 19,759          | 62         |
| Education                         | 2,238            | 8          | 3,076            | 10         | 3,269            | 10         | 4,074            | 12         | 4,428              | 15         |
| Economics & Community Development | 844              | 3          | 245              | 1          | 327              | 1          | 982              | 3          | 1,231              | 4          |
| Labor                             | 804              | 3          | 904              | 3          | 857              | 3          | 914              | 3          | 1,049              | 3          |
| Behavioral & Developmental Svcs   | 2,090            | 8          | 2,809            | 9          | 3,376            | 10         | 3,971            | 12         | 1,003              | 3          |
| Planning                          | 156              | 1          | 210              | 1          | 409              | 1          | 608              | 2          | 781                | 2          |
| County UMCE Funds                 | 578              | 2          | 574              | 2          | 780              | 3          | 780              | 2          | 729                | 2          |
| Corrections                       | 200              | 1          | 306              | 1          | 338              | 1          | 351              | 1          | 503                | 2          |
| Agriculture                       | 592              | 2          | 543              | 2          | 728              | 3          | 762              | 2          | 452                | 2          |
| Executive Department              | 78               | 0          | 48               | 0          | 115              | 0          | 696              | 2          | 387                | 1          |
| Transportation                    | 1,018            | 4          | 456              | 2          | 502              | 2          | 489              | 1          | 374                | 1          |
| Inland Fish & Wildlife            | 163              | 1          | 177              | 1          | 270              | 1          | 323              | 1          | 369                | 1          |
| Environmental Protection          | 665              | 2          | 786              | 3          | 533              | 2          | 289              | 1          | 238                | 1          |
| Public Utilities Commission       | 0                | 0          | 152              | 1          | 156              | 0          | 157              | 0          | 159                | 0          |
| Judicial                          | 21               | 0          | 58               | 0          | 181              | 1          | 174              | 1          | 125                | 0          |
| Legislative                       | 184              | 1          | 90               | 0          | 96               | 0          | 65               | 0          | 116                | 0          |
| Conservation                      | 0                | 0          | 164              | 1          | 100              | 0          | 176              | 1          | 88                 | 0          |
| Marine Resources                  | 185              | 1          | 191              | 1          | 161              | 0          | 88               | 0          | 54                 | 0          |
| Finance/Administration            | 19               | 0          | 38               | 0          | 73               | 0          | 343              | 1          | 27                 | 0          |
| Small Business Commission         | 0                | 0          | 511              | 2          | 563              | 2          | 281              | 1          | 2                  | 0          |
| Other                             | 257              | 1          | 134              | 0          | 87               | 0          | 338              | 1          | 382                | 1          |
| Total *                           | <u>\$ 26,921</u> | <u>100</u> | <u>\$ 29,525</u> | <u>100</u> | <u>\$ 32,311</u> | <u>100</u> | <u>\$ 34,298</u> | <u>100</u> | <u>\$ 32,256**</u> | <u>100</u> |

\* Includes Federal Pass-through funds of: \$ 19,558 73 \$ 20,087 68 \$ 21,068 65 \$ 23,768 69 \$ 21,876 68

\*\* Includes \$17.4 million for the Muskie School of Public Service (\$14.8 from Maine Human Services, \$2.6 from all other State agencies).

**STATE REVENUES BY AGENCY  
FY2006**



## PRIVATE REVENUES

The table and graph below indicate the level of revenues from private sources broken down into four categories. Non-profit organizations continue to provide the majority of private revenues.

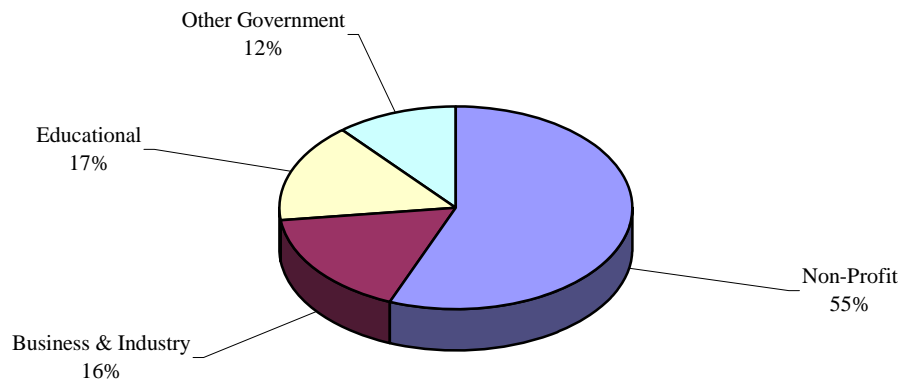
### PRIVATE REVENUES BY SOURCE OF FUNDS (\$ in thousands)

|                              | FY 2002          |            | FY 2003          |            | FY 2004          |            | FY 2005          |            | FY 2006          |               |
|------------------------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|---------------|
|                              | \$               | %          | \$               | %          | \$               | %          | \$               | %          | \$               | %             |
| Non-profit Organizations     | \$ 9,229         | 58         | \$ 9,679         | 58         | \$ 11,534        | 61         | \$ 13,123        | 63         | \$ 11,411        | 55            |
| Educational Institutions     | 2,130            | 13         | 2,155            | 13         | 2,161            | 12         | 2,871            | 14         | 3,619            | 17            |
| Business and Industry        | 2,089            | 13         | 3,138            | 19         | 3,327            | 18         | 2,273            | 11         | 3,400            | 16            |
| Other Governmental Entities* | <u>2,510</u>     | <u>16</u>  | <u>1,591</u>     | <u>10</u>  | <u>1,741</u>     | <u>9</u>   | <u>2,426</u>     | <u>12</u>  | <u>2,375</u>     | <u>12</u>     |
|                              | <u>\$ 15,958</u> | <u>100</u> | <u>\$ 16,563</u> | <u>100</u> | <u>\$ 18,763</u> | <u>100</u> | <u>\$ 20,693</u> | <u>100</u> | <u>\$ 20,805</u> | <u>** 100</u> |

\* Entities other than the Federal Government and State of Maine agencies.

\*\* Includes Federal Pass-Through funds of \$9.0 million.

### PRIVATE REVENUES BY SOURCE OF FUNDS FY2006



## COST SHARING

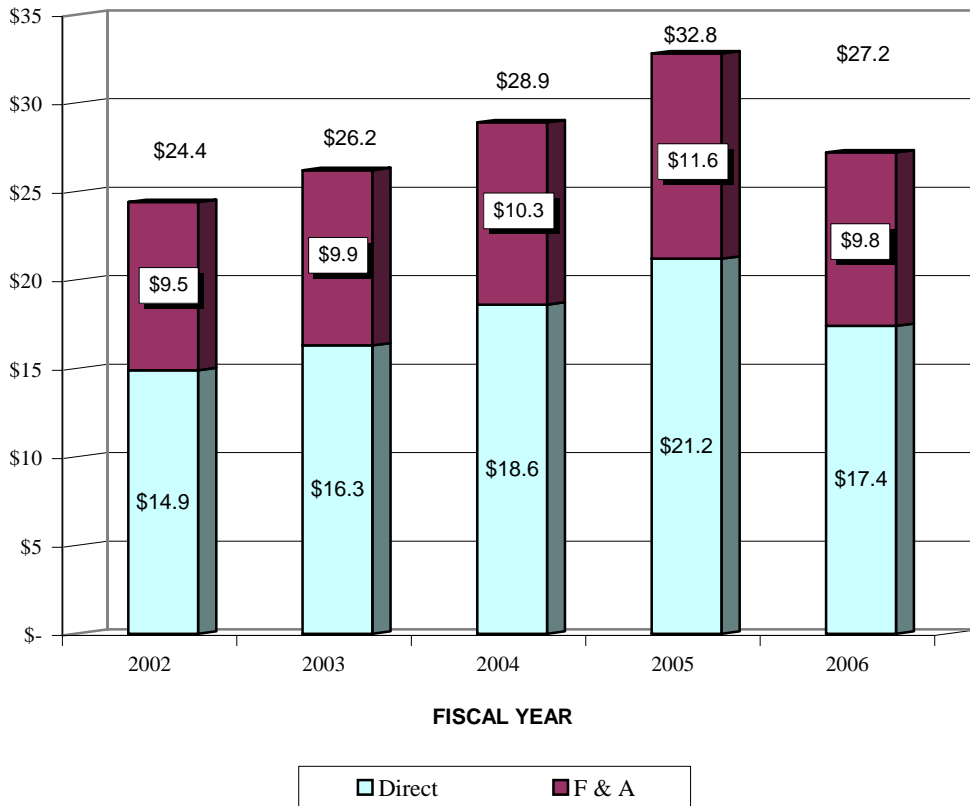
Cost sharing (matching) is University resources contributed to the support of a grant or contract. Many sponsoring agencies, both governmental and private, require recipients to share in the costs of a grant or contract.

**Direct** cost sharing occurs when University funds are used to fulfill a matching requirement. In FY2006, \$17.4 million was used to support grants and contracts. Educational & General matching funds for the Maine Agricultural and Forest Experiment Station and the Cooperative Extension Service accounted for \$12.7 million or 73% of the direct cost sharing in FY2006.

**Facilities and Administrative (F & A)** cost sharing, which totaled \$9.8 million in FY2006, occurs when the allowable facilities and administrative costs are not recovered in full. These facilities and administrative costs are used by the University to meet the sponsor's matching requirements for grants and contracts.

Since FY2002, total cost sharing as a percentage of total grants and contracts expenditures has changed very little, ranging from 21% to 24%. In FY2006, it was 21%.

**UNIVERSITY COST SHARING**  
(In millions)



## DIRECT COST SHARING BY SOURCE/ACTIVITY

(\$ in thousands)

| SOURCE   | ACTIVITY       | FY2002           |            | FY2003           |            | FY2004           |            | FY2005           |            | FY2006           |            |
|----------|----------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|
|          |                | \$               | %          | \$               | %          | \$               | %          | \$               | %          | \$               | %          |
| Federal: | Instruction    | \$ 361           | 3          | \$ 267           | 2          | \$ 188           | 1          | \$ 362           | 2          | \$ 302           | 2          |
|          | Research       | 8,326            | 63         | 8,696            | 60         | 9,326            | 55         | 11,211           | 58         | 8,497            | 55         |
|          | Public Service | 4,565            | 34         | 5,426            | 38         | 7,361            | 44         | 7,687            | 40         | 6,751            | 43         |
|          |                | <u>\$ 13,252</u> | <u>100</u> | <u>\$ 14,389</u> | <u>100</u> | <u>\$ 16,875</u> | <u>100</u> | <u>\$ 19,260</u> | <u>100</u> | <u>\$ 15,550</u> | <u>100</u> |
| State:   | Instruction    | \$ 64            | 7          | \$ 77            | 8          | \$ 145           | 13         | \$ 242           | 20         | \$ 221           | 20         |
|          | Research       | 137              | 15         | 239              | 23         | 174              | 15         | 181              | 15         | 94               | 8          |
|          | Public Service | 706              | 78         | 705              | 69         | 831              | 72         | 815              | 65         | 797              | 72         |
|          |                | <u>\$ 907</u>    | <u>100</u> | <u>\$ 1,021</u>  | <u>100</u> | <u>\$ 1,150</u>  | <u>100</u> | <u>\$ 1,238</u>  | <u>100</u> | <u>\$ 1,112</u>  | <u>100</u> |
| Private: | Instruction    | \$ 51            | 7          | \$ 73            | 9          | \$ 37            | 7          | \$ 80            | 12         | \$ 66            | 9          |
|          | Research       | 592              | 79         | 506              | 60         | 443              | 79         | 460              | 71         | 494              | 69         |
|          | Public Service | 104              | 14         | 262              | 31         | 80               | 14         | 112              | 17         | 155              | 22         |
|          |                | <u>\$ 747</u>    | <u>100</u> | <u>\$ 841</u>    | <u>100</u> | <u>\$ 560</u>    | <u>100</u> | <u>\$ 652</u>    | <u>100</u> | <u>\$ 715</u>    | <u>100</u> |
| Totals:  | Instruction    | \$ 476           | 3          | \$ 417           | 3          | \$ 370           | 2          | \$ 684           | 2          | \$ 589           | 3          |
|          | Research       | 9,055            | 61         | 9,441            | 58         | 9,943            | 53         | 11,852           | 53         | 9,085            | 52         |
|          | Public Service | 5,375            | 36         | 6,393            | 39         | 8,272            | 45         | 8,614            | 45         | 7,703            | 45         |
|          |                | <u>\$ 14,906</u> | <u>100</u> | <u>\$ 16,251</u> | <u>100</u> | <u>\$ 18,585</u> | <u>100</u> | <u>\$ 21,150</u> | <u>100</u> | <u>\$ 17,377</u> | <u>100</u> |

## F & A COST SHARING BY SOURCE/ACTIVITY

(\$ in thousands)

| SOURCE                      | ACTIVITY       | FY2002          |            | FY2003          |            | FY2004           |            | FY2005           |            | FY2006          |            |
|-----------------------------|----------------|-----------------|------------|-----------------|------------|------------------|------------|------------------|------------|-----------------|------------|
|                             |                | \$              | %          | \$              | %          | \$               | %          | \$               | %          | \$              | %          |
| Federal:                    | Instruction    | \$ 661          | 29         | \$ 303          | 12         | \$ 646           | 21         | \$ 638           | 18         | \$ 242          | 9          |
|                             | Research       | 1,385           | 60         | 1,877           | 72         | 2,113            | 68         | 2,514            | 73         | 2,145           | 81         |
|                             | Public Service | 284             | 11         | 418             | 16         | 326              | 11         | 313              | 9          | 258             | 10         |
|                             |                | <u>\$ 2,330</u> | <u>100</u> | <u>\$ 2,598</u> | <u>100</u> | <u>\$ 3,085</u>  | <u>100</u> | <u>\$ 3,465</u>  | <u>100</u> | <u>\$ 2,645</u> | <u>100</u> |
| State:                      | Instruction    | \$ 3,315        | 57         | \$ 3,169        | 51         | \$ 2,975         | 49         | \$ 2,780         | 43         | \$ 2,769        | 47         |
|                             | Research       | 1,722           | 29         | 2,088           | 34         | 2,101            | 34         | 2,189            | 34         | 1,729           | 30         |
|                             | Public Service | 894             | 14         | 970             | 15         | 1,038            | 17         | 1,526            | 23         | 1,323           | 23         |
|                             |                | <u>\$ 5,931</u> | <u>100</u> | <u>\$ 6,227</u> | <u>100</u> | <u>\$ 6,114</u>  | <u>100</u> | <u>\$ 6,495</u>  | <u>100</u> | <u>\$ 5,821</u> | <u>100</u> |
| Private:                    | Instruction    | \$ 457          | 39         | \$ 377          | 34         | \$ 122           | 12         | \$ 72            | 5          | \$ 357          | 28         |
|                             | Research       | 497             | 41         | 549             | 47         | 601              | 53         | 621              | 38         | 537             | 40         |
|                             | Public Service | 260             | 20         | 234             | 19         | 410              | 35         | 953              | 57         | 440             | 32         |
|                             |                | <u>\$ 1,214</u> | <u>100</u> | <u>\$ 1,160</u> | <u>100</u> | <u>\$ 1,133</u>  | <u>100</u> | <u>\$ 1,646</u>  | <u>100</u> | <u>\$ 1,334</u> | <u>100</u> |
| Totals:                     | Instruction    | \$ 4,433        | 47         | \$ 3,849        | 39         | \$ 3,743         | 36         | \$ 3,490         | 30         | \$ 3,368        | 34         |
|                             | Research       | 3,604           | 38         | 4,514           | 45         | 4,815            | 47         | 5,324            | 46         | 4,411           | 45         |
|                             | Public Service | 1,438           | 15         | 1,622           | 16         | 1,774            | 17         | 2,792            | 24         | 2,021           | 21         |
|                             |                | <u>\$ 9,475</u> | <u>100</u> | <u>\$ 9,985</u> | <u>100</u> | <u>\$ 10,332</u> | <u>100</u> | <u>\$ 11,606</u> | <u>100</u> | <u>\$ 9,800</u> | <u>100</u> |
| Total Cost Sharing          | \$ 24,381      |                 | \$ 26,236  |                 | \$ 28,917  |                  | \$ 32,756  |                  | \$ 27,177  |                 |            |
| % of Total Grants/Contracts | 23%            |                 | 22%        |                 | 22%        |                  | 24%        |                  | 22%        |                 |            |

## **FACILITIES AND ADMINISTRATIVE COST RECOVERY RATES**

The University is required to negotiate several rates with the Federal government to assure that the institution is reimbursed for the use of its physical plant and administrative cost associated with grants and contracts. These rates are negotiated on a system-wide basis using past and estimated future costs.

### **FEDERAL FACILITIES AND ADMINISTRATIVE COST RATES**

| <u>RATE TYPE</u> | <u>FY2006</u> | <u>FY2007</u> | <u>FY2008 *</u> |
|------------------|---------------|---------------|-----------------|
| Research         |               |               |                 |
| On-Campus        | 48.5%         | 48.5%         | 48.5%           |
| Off-Campus       | 26.0%         | 26.0%         | 26.0%           |
| Instruction      |               |               |                 |
| On-Campus        | 53.0%         | 53.0%         | 53.0%           |
| Off-Campus       | 26.0%         | 26.0%         | 26.0%           |
| Public Service   |               |               |                 |
| On-Campus        | 32.0%         | 32.0%         | 32.0%           |
| Off-Campus       | 26.0%         | 26.0%         | 26.0%           |

\* These rates are provisional, pending the negotiation of new rates for FY2008 and beyond.

### **FEDERAL EMPLOYEE BENEFIT RATES**

Applied to All Non-Student Salaries and Wages

|                                | <u>FY2003</u> | <u>FY2004</u> | <u>FY2005</u> | <u>FY2006</u> | <u>FY2007</u> |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|
| Nonfaculty temporary employees | 8.5%          | 8.1%          | 8.7%          | 8.4%          | 8.5%          |
| All other employees            | 34.6%         | 36.7%         | 40.9%         | 40.8%         | 40.0%         |

## **FACILITIES AND ADMINISTRATIVE COST RECOVERIES**

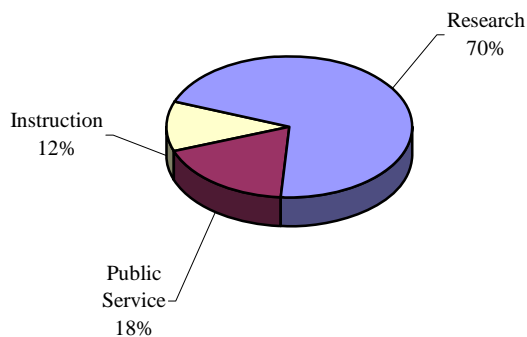
The amount of allowable facilities and administrative costs is calculated on each grant or contract using the appropriate negotiated rate as described above. The rate is applied to the total direct costs of an individual grant or contract to arrive at the total allowable facilities and administrative costs. The total calculated facilities and administrative costs for FY2006 amounted to \$22.9 million.

F & A cost sharing, as described on page 6, occurs when recovery of facilities and administrative costs is foregone to satisfy cost sharing requirements. This type of cost sharing amounted to \$9.8 million in FY2006, resulting in \$13.1 million of facilities and administrative cost recoveries actually being received from grants and contracts activity.

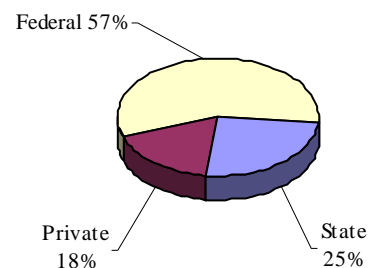
The Federal government is the University's major source of facilities and administrative cost recovery revenue, providing more than 50% of such revenues since FY2002. Research activities have provided over 65% of total recoveries since FY2002.

|          |                | FY2002          |            | FY2003           |            | FY2004           |            | FY2005           |            | FY2006           |            |
|----------|----------------|-----------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|
|          |                | \$              | %          | \$               | %          | \$               | %          | \$               | %          | \$               | %          |
| Federal: | Instruction    | \$ 223          | 4          | \$ 268           | 4          | \$ 407           | 6          | \$ 333           | 5          | \$ 284           | 4          |
|          | Research       | 4,158           | 79         | 4,965            | 83         | 5,855            | 83         | 5,687            | 83         | 6,195            | 83         |
|          | Public Service | 910             | 17         | 787              | 13         | 777              | 11         | 851              | 12         | 995              | 13         |
|          |                | <u>\$ 5,291</u> | <u>100</u> | <u>\$ 6,020</u>  | <u>100</u> | <u>\$ 7,039</u>  | <u>100</u> | <u>\$ 6,871</u>  | <u>100</u> | <u>\$ 7,474</u>  | <u>100</u> |
| State:   | Instruction    | \$ 1,097        | 41         | \$ 1,026         | 35         | \$ 1,013         | 34         | \$ 1,038         | 30         | \$ 1,052         | 32         |
|          | Research       | 946             | 35         | 1,137            | 39         | 1,221            | 41         | 1,457            | 42         | 1,207            | 36         |
|          | Public Service | 631             | 24         | 760              | 26         | 757              | 25         | 994              | 28         | 1,068            | 32         |
|          |                | <u>\$ 2,674</u> | <u>100</u> | <u>\$ 2,923</u>  | <u>100</u> | <u>\$ 2,991</u>  | <u>100</u> | <u>\$ 3,489</u>  | <u>100</u> | <u>\$ 3,327</u>  | <u>100</u> |
| Private: | Instruction    | \$ 171          | 9          | \$ 214           | 12         | \$ 70            | 4          | \$ 84            | 4          | \$ 164           | 7          |
|          | Research       | 1,468           | 80         | 1,308            | 74         | 1,395            | 74         | 1,678            | 75         | 1,780            | 77         |
|          | Public Service | 177             | 11         | 225              | 14         | 398              | 22         | 452              | 21         | 357              | 16         |
|          |                | <u>\$ 1,816</u> | <u>100</u> | <u>\$ 1,747</u>  | <u>100</u> | <u>\$ 1,863</u>  | <u>100</u> | <u>\$ 2,214</u>  | <u>100</u> | <u>\$ 2,301</u>  | <u>100</u> |
| Totals:  | Instruction    | \$ 1,491        | 15         | \$ 1,508         | 14         | \$ 1,490         | 13         | \$ 1,455         | 12         | \$ 1,500         | 12         |
|          | Research       | 6,572           | 67         | 7,410            | 69         | 8,471            | 71         | 8,822            | 70         | 9,182            | 70         |
|          | Public Service | 1,718           | 18         | 1,772            | 17         | 1,932            | 16         | 2,297            | 18         | 2,420            | 18         |
|          |                | <u>\$ 9,781</u> | <u>100</u> | <u>\$ 10,690</u> | <u>100</u> | <u>\$ 11,893</u> | <u>100</u> | <u>\$ 12,574</u> | <u>100</u> | <u>\$ 13,102</u> | <u>100</u> |

**NET FACILITIES AND ADMINISTRATIVE  
COST RECOVERY  
BY ACTIVITY  
FY2006**



**NET FACILITIES AND ADMINISTRATIVE  
COST RECOVERY  
BY SOURCE  
FY2006**



## RESEARCH EXPENDITURES

The University's research activities include not only grants and contracts research, but also institutes, research centers, project research funded by E&G monies, and projects funded with the State of Maine Research and Development Appropriation (MEIF). The total cost of all research activity for FY2006 was \$86.8 million, a growth of \$21.4 million since FY2002.

The following table shows total research expenditures funded by grants and contracts and E&G monies from FY2002 to FY2006. Research expenditures related to grants and contracts are broken down by source of funds: Federal, State, Private, and University cost sharing, which includes direct and indirect cost sharing and E&G funding for MAFES.

### TOTAL RESEARCH EXPENDITURES BY SOURCE

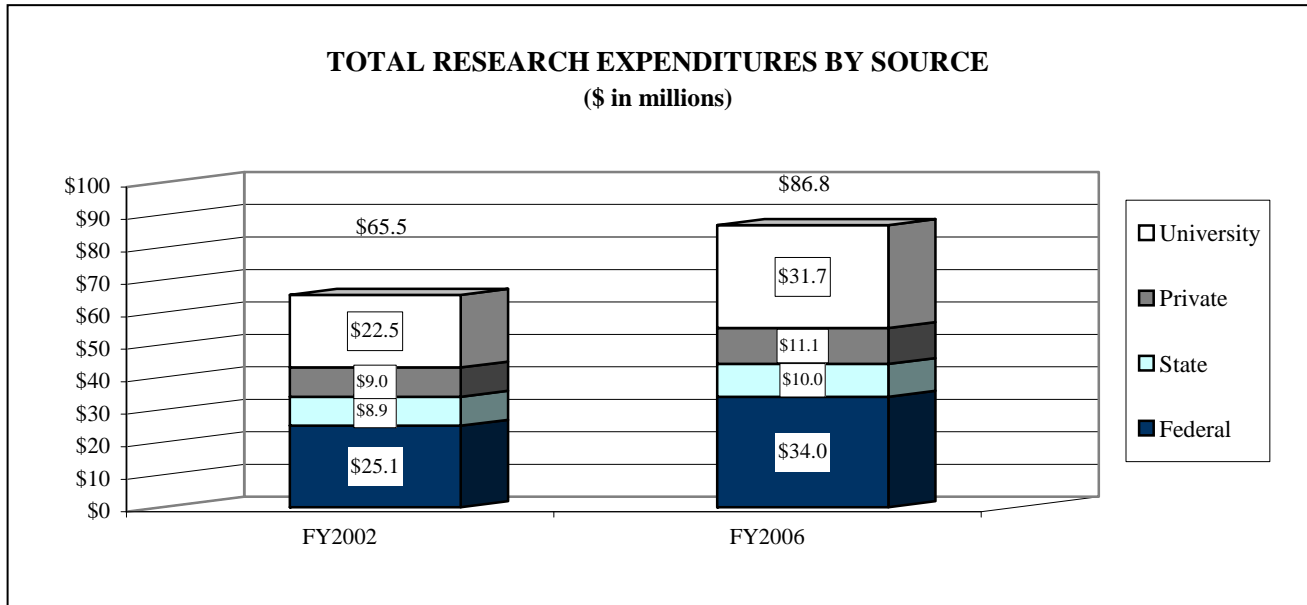
(\$ in Thousands)

|   | <u>FY2002</u>           | <u>FY2003</u>           | <u>FY2004</u>           | <u>FY2005</u>           | <u>FY2006</u>              |
|---|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|
| Federal                                       | \$ 25,092               | \$ 29,720               | \$ 34,871               | \$ 33,711               | \$ 33,955                  |
| State   | 8,897                   | 10,373                  | 12,293                  | 11,922                  | 10,013                     |
| Private                                       | 8,987                   | 8,707                   | 10,002                  | 10,699                  | 11,111                     |
| University*                                   |                         |                         |                         |                         |                            |
| MAFES Cost Sharing                            | 6,677                   | 6,307                   | 7,527                   | 7,819                   | 7,170                      |
| Other Direct Cost Sharing                     | 2,711                   | 3,414                   | 3,003                   | 4,655                   | 2,259                      |
| Other Indirect Cost Sharing                   | 3,272                   | 4,234                   | 4,228                   | 4,700                   | 4,067                      |
|   | <u>12,660</u>           | <u>13,955</u>           | <u>14,758</u>           | <u>17,174</u>           | <u>13,496</u>              |
| <b>Total Grants and Contracts</b>             | <b><u>\$ 55,636</u></b> | <b><u>\$ 62,755</u></b> | <b><u>\$ 71,924</u></b> | <b><u>\$ 73,506</u></b> | <b><u>\$ 68,575</u></b>    |
| <hr/>   |                         |                         |                         |                         |                            |
| <b>Total E&amp;G and State Appropriation*</b> | <b><u>\$ 9,819</u></b>  | <b><u>\$ 12,392</u></b> | <b><u>\$ 16,545</u></b> | <b><u>\$ 16,479</u></b> | <b><u>\$ 18,232</u></b>    |
| <b>Total Research Expenditures</b>            | <b><u>\$ 65,455</u></b> | <b><u>\$ 75,147</u></b> | <b><u>\$ 88,469</u></b> | <b><u>\$ 89,985</u></b> | <b><u>\$ 86,807</u></b> ** |

\* Includes expenditures funded by the annual State of Maine research and development appropriation, which totaled \$12.8 million in FY2006. This appropriation has remained relatively constant over the past 5 years.

\*\* As noted at the top of this page, the University's research activities include not only grants and contracts research (see page 2 of this report), but also research funded by E&G monies. This total represents the costs of all research activities.

The graph below shows a comparison of total research expenditures for FY2002 and FY2006.



Below is a comparison with other New England Land Grant institutions. This chart compares both total research expenditures and research dollars expended per faculty headcount for FY2006.

**RESEARCH EXPENDITURES AT  
NEW ENGLAND LAND GRANT UNIVERSITIES\***  
(\$ in Thousands)

|                                       | <u>Total Research<br/>Expenditures FY2006</u> | <u>Research \$<br/>Per Total<br/>Faculty Headcount</u> |
|---------------------------------------|---|--|
| University of New Hampshire           | \$ 98,402                                     | \$ 86  |
| University of Rhode Island            | \$ 57,308                                     | \$ 79  |
| University of Massachusetts - Amherst | \$ 100,352                                    | \$ 66  |
| University of Maine                   | \$ 51,802                                     | \$ 56  |
| University of Vermont                 | \$ 71,782                                     | \$ 52  |
| University of Connecticut             | \$ 55,933                                     | \$ 43  |

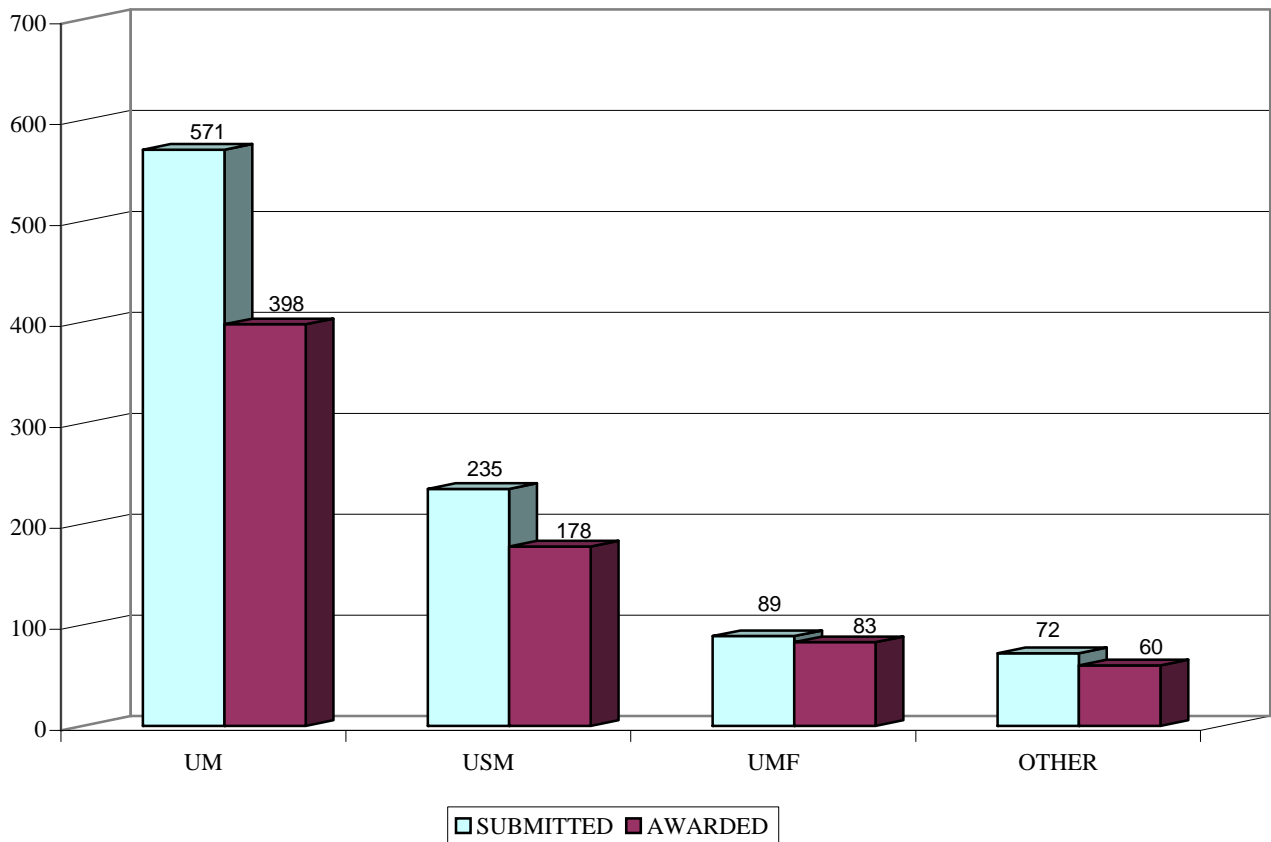
\* Excludes indirect cost recovery and plant fund expenditures for consistency at all institutions.

## PROPOSALS SUBMITTED AND AWARDED

Grant proposals are submitted to outside agencies for specific programs. Proposals for contracts are negotiated with agencies and companies to provide specific services.

During FY2006, Sponsored Program Departments throughout the University of Maine System submitted 967 proposals to agencies for funding of a wide range of grants and contracts. Proposals awarded during FY2006 amounted to \$106.5 million. All proposals submitted are not awarded, and those which are awarded are not funded until the year the services are provided. Thus, the dollar amount of proposals awarded during the current year cannot be compared to current year expenditures, since expenditures may occur over a multi-year period. Significant proposal activity is indicated on the following graph and table.

**NUMBER OF PROPOSALS SUBMITTED & AWARDS RECEIVED  
FY2006**



## PROPOSAL STATUS REPORT FY2006

(\$ in thousands)

Proposals approved during FY2006 may include prior year submissions, and some FY2006 submissions may be included in future year approvals.

|  | SUBMITTED<br>DURING FY2006 | APPROVED<br>DURING FY2006 |                   |
|--|----------------------------|---------------------------|-------------------|
|  | #                          | #                         | \$                |
| <b>UNIVERSITY OF MAINE</b>                           |                            |                           |                   |
| College of Business, Public Policy, and Health       | 24                         | 20                        | \$ 1,573          |
| College of Education and Human Development           | 36                         | 28                        | 4,328             |
| College of Engineering                               | 91                         | 49                        | 11,160            |
| College of Liberal Arts and Sciences                 | 57                         | 34                        | 3,718             |
| College of Natural Sciences, Forestry, & Agriculture | 232                        | 160                       | 16,659            |
| Cooperative Extension                                | 52                         | 30                        | 5,123             |
| Libraries  | 4                          | 2                         | 148               |
| Division of Lifelong Learning                        | 0                          | 1                         | 146               |
| Research   | 65                         | 65                        | 6,898             |
| Other University Programs                            | 10                         | 9                         | 590               |
| Total  | <u>571</u>                 | <u>398</u>                | <u>\$ 50,343</u>  |
| <b>UNIVERSITY OF SOUTHERN MAINE</b>                  |                            |                           |                   |
| College of Arts & Sciences                           | 27                         | 11                        | \$ 381            |
| College of Education & Human Development             | 16                         | 19                        | 3,046             |
| Muskie Institute for Public Affairs                  | 107                        | 90                        | 36,295            |
| School of Applied Science, Engineering & Technology  | 36                         | 19                        | 2,940             |
| School of Business                                   | 16                         | 12                        | 1,969             |
| School of Law  | 5                          | 6                         | 271               |
| College of Nursing & Health Professions              | 5                          | 4                         | 990               |
| Lewiston-Auburn College                              | 7                          | 6                         | 100               |
| Bioscience Research Institute                        | 1                          | 1                         | 164               |
| Women's Studies                                      | 2                          | 1                         | 5                 |
| Other University Programs                            | 13                         | 9                         | 849               |
| Total  | <u>235</u>                 | <u>178</u>                | <u>\$ 47,010</u>  |
| <b>UNIVERSITY OF MAINE AT AUGUSTA</b>                | 28                         | 26                        | \$ 2,458          |
| <b>UNIVERSITY OF MAINE AT FARMINGTON</b>             | 89                         | 83                        | \$ 3,463          |
| <b>UNIVERSITY OF MAINE AT FORT KENT</b>              | 6                          | 5                         | \$ 331            |
| <b>UNIVERSITY OF MAINE AT MACHIAS</b>                | 14                         | 8                         | \$ 333            |
| <b>UNIVERSITY OF MAINE AT PRESQUE ISLE</b>           | 21                         | 19                        | \$ 1,945          |
| <b>SYSTEM WIDE SERVICES</b>                          | <u>3</u>                   | <u>2</u>                  | <u>\$ 610</u>     |
| <b>SYSTEM TOTALS FOR FY2006</b>                      | <u>967</u>                 | <u>719</u>                | <u>\$ 106,493</u> |
| <b>SYSTEM TOTALS FOR FY2005</b>                      | <u>1,004</u>               | <u>728</u>                | <u>\$ 102,469</u> |