

| <b>Expenditures</b>  |                     |                      |                      |                      |                      |                      |                      |
|--|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | <b>FY14</b>         | <b>FY15</b>          | <b>FY16</b>          | <b>FY17</b>          | <b>FY18</b>          | <b>FY19</b>          | <b>FY20</b>          |
| <b>Expenditures by Sponsor Type</b>                                | <b>Value (\$)</b>   | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    |
| <b>Federal Sources</b>   |                     |                      |                      |                      |                      |                      |                      |
| Federal  | 58,006,125          | 58,738,028           | 55,410,431           | 53,530,051           | 59,376,033           | 91,811,815           | 91,814,165           |
| Federal funds passed through state                                 | 6,053,769           | 5,855,853            | 6,238,497            | 5,955,489            | 7,170,358            | 7,122,107            | 6,643,227            |
| Federal funds passed through industry                              | 7,852,199           | 6,785,011            | 6,956,127            | 7,523,043            | 14,949,880           | 9,865,208            | 17,384,989           |
| Federal funds passed through associations/non-profits              | 834,709             | 1,201,287            | 2,227,722            | 3,171,874            | 2,381,708            | 1,908,216            | 2,101,193            |
| Federal funds passed through local governments/schools/other govts | 415,096             | 511,947              | 525,670              | 603,663              | 395,754              | 828,210              | 636,955              |
| Federal funds passed through universities                          | 5,745,262           | 6,428,786            | 5,621,134            | 4,054,516            | 4,848,476            | 5,942,070            | 6,826,935            |
| <b>Subtotal Federal Sources</b>                                    | <b>\$78,907,160</b> | <b>\$79,520,912</b>  | <b>\$76,979,581</b>  | <b>\$74,838,636</b>  | <b>\$89,122,209</b>  | <b>\$117,477,626</b> | <b>\$125,407,464</b> |
| <b>Other Sources</b>   |                     |                      |                      |                      |                      |                      |                      |
| Industry   | 3,042,763           | 3,628,931            | 3,427,119            | 4,110,124            | 4,631,397            | 3,759,913            | 2,997,702            |
| State (including SCHEV and State Research funds)                   | 2,393,673           | 2,180,763            | 3,550,360            | 3,399,297            | 3,185,622            | 3,871,612            | 4,560,762            |
| Local Governments/Schools  | 682,824             | 1,134,480            | 900,137              | 1,116,213            | 1,116,999            | 1,760,834            | 2,039,202            |
| Foundations  | 9,102,541           | 10,492,019           | 12,080,351           | 12,460,225           | 12,857,406           | 13,664,967           | 15,638,979           |
| Associations/Non-Profits   | 1,772,166           | 1,930,312            | 2,129,165            | 1,645,927            | 1,635,444            | 1,109,024            | 1,290,936            |
| Foreign Entities   | 900,938             | 1,139,862            | 1,084,826            | 830,811              | 817,604              | 481,794              | 619,192              |
| Universities   | 473,069             | 480,501              | 488,474              | 910,859              | 604,955              | 409,774              | 954,803              |
| Institutional/Revenue/Pool/Other Governments                       | 617,377             | 459,974              | 680,012              | 1,052,004            | 1,409,208            | 1,126,451            | 957,056              |
| <b>Subtotal Other Sources</b>                                      | <b>\$18,985,351</b> | <b>\$21,446,842</b>  | <b>\$24,340,444</b>  | <b>\$25,525,460</b>  | <b>\$26,258,635</b>  | <b>\$26,184,369</b>  | <b>\$29,058,632</b>  |
| <b>TOTAL</b>   | <b>\$97,892,511</b> | <b>\$100,967,754</b> | <b>\$101,320,025</b> | <b>\$100,364,096</b> | <b>\$115,380,844</b> | <b>\$143,661,995</b> | <b>\$154,466,096</b> |
| <b>Expenditures by Federal Agency</b>                              | <b>FY14</b>         | <b>FY15</b>          | <b>FY16</b>          | <b>FY17</b>          | <b>FY18</b>          | <b>FY19</b>          | <b>FY20</b>          |
|  | <b>Value (\$)</b>   | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    | <b>Value (\$)</b>    |
| Department of Agriculture  | 314,200             | 319,246              | 525,982              | 367,523              | 351,171              | 268,984              | 327,405              |
| Department of Commerce   | 1,175,873           | 1,094,087            | 2,630,802            | 2,966,746            | 2,724,382            | 1,606,397            | 2,090,229            |
| Department of Defense  | 15,763,237          | 13,436,947           | 14,302,865           | 14,089,700           | 15,148,599           | 48,497,272           | 47,046,105           |
| Department of Education  | 8,209,429           | 7,992,265            | 4,152,179            | 1,439,945            | 1,439,199            | 1,248,078            | 1,632,421            |
| Department of Energy   | 894,390             | 615,313              | 362,745              | 312,906              | 133,734              | 196,565              | 162,991              |
| Department of Health and Human Services                            | 6,825,532           | 7,491,676            | 6,692,760            | 6,621,114            | 6,879,432            | 6,056,830            | 7,886,137            |
| Department of Homeland Security                                    | 353,177             | 340,659              | 636,046              | 562,507              | 1,143,520            | 3,556,122            | 3,655,435            |
| Department of Interior   | 3,682,008           | 5,073,169            | 1,055,046            | 686,798              | 733,195              | 483,556              | 411,275              |
| Department of Justice  | 1,187,780           | 1,072,137            | 1,005,698            | 715,822              | 651,455              | 1,043,735            | 1,230,878            |
| Department of State/USIA   | 2,392,323           | 2,440,083            | 1,952,591            | 1,538,311            | 1,295,861            | 523,380              | 623,508              |
| Department of Transportation                                       | 587,489             | 1,373,479            | 1,841,481            | 2,308,396            | 1,979,031            | 2,168,002            | 2,331,456            |
| NASA   | 3,610,418           | 2,827,063            | 3,916,470            | 3,543,851            | 4,253,558            | 3,655,916            | 3,979,819            |
| National Endowment of Humanities/Arts                              | 435,121             | 564,615              | 405,244              | 459,240              | 447,519              | 647,501              | 609,226              |
| National Science Foundation  | 8,112,231           | 9,456,315            | 11,333,036           | 12,849,411           | 14,934,375           | 13,106,231           | 11,995,956           |
| Small Business Administration                                      | 3,243,626           | 3,040,655            | 2,843,493            | 2,760,411            | 3,193,854            | 3,102,966            | 3,424,565            |
| Other Federal Agencies   | 1,219,291           | 1,525,281            | 1,683,879            | 2,231,172            | 3,972,886            | 5,622,561            | 4,342,658            |
| <b>Subtotal Direct Federal Funds</b>                               | <b>\$58,006,125</b> | <b>\$58,662,990</b>  | <b>\$55,340,317</b>  | <b>\$53,453,853</b>  | <b>\$59,281,771</b>  | <b>\$91,784,096</b>  | <b>\$91,750,064</b>  |
| <b>Federal Funds Passed Through State</b>                          | <b>\$6,053,769</b>  | <b>\$5,855,853</b>   | <b>\$6,238,497</b>   | <b>\$5,955,489</b>   | <b>\$7,170,358</b>   | <b>\$7,122,107</b>   | <b>\$6,643,227</b>   |
| Federal Funds Passed Through:                                      |                     |                      |                      |                      |                      |                      |                      |
| 1) Industry  | 7,852,199           | 6,785,011            | 6,956,127            | 7,523,043            | 14,949,880           | 9,865,208            | 17,384,989           |
| 2) Associations/Non-Profits  | 834,709             | 1,201,287            | 2,227,722            | 3,171,874            | 2,381,708            | 1,908,216            | 2,101,193            |
| 3) Local Governments and Schools/Other Governments                 | 415,096             | 511,947              | 525,670              | 603,663              | 395,754              | 828,210              | 636,955              |
| 4) Universities  | 5,745,262           | 6,428,786            | 5,621,134            | 4,054,516            | 4,848,476            | 5,942,070            | 6,826,935            |
| <b>Subtotal Federal Funds Passed Through 1,2,3 and 4</b>           | <b>\$14,847,266</b> | <b>\$14,927,031</b>  | <b>\$15,330,653</b>  | <b>\$15,353,096</b>  | <b>\$22,575,818</b>  | <b>\$18,543,704</b>  | <b>\$26,950,072</b>  |
| <b>Total Federal Expenditures</b>                                  | <b>\$78,907,160</b> | <b>\$79,445,874</b>  | <b>\$76,909,467</b>  | <b>\$74,762,438</b>  | <b>\$89,027,947</b>  | <b>\$117,449,907</b> | <b>\$125,343,363</b> |