### Table 8.1 Expenditures by Sponsor Type

<table>
<thead>
<tr>
<th>Sponsor Type</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Federal Sources</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal</td>
<td>55,410,431</td>
<td>53,530,051</td>
<td>59,376,033</td>
<td>91,811,815</td>
<td>91,814,165</td>
</tr>
<tr>
<td>Federal funds passed through state</td>
<td>6,238,497</td>
<td>5,955,489</td>
<td>7,170,358</td>
<td>7,122,107</td>
<td>6,643,227</td>
</tr>
<tr>
<td>Federal funds passed through industry</td>
<td>6,956,127</td>
<td>7,523,043</td>
<td>14,949,880</td>
<td>9,865,208</td>
<td>17,384,989</td>
</tr>
<tr>
<td>Federal funds passed through associations/non-profits</td>
<td>2,227,722</td>
<td>3,171,874</td>
<td>2,381,708</td>
<td>1,908,216</td>
<td>2,101,193</td>
</tr>
<tr>
<td>Federal funds passed through local governments/schools/other governments</td>
<td>525,070</td>
<td>603,663</td>
<td>395,754</td>
<td>828,210</td>
<td>636,955</td>
</tr>
<tr>
<td>Federal funds passed through universities</td>
<td>5,621,134</td>
<td>4,054,516</td>
<td>4,848,476</td>
<td>5,942,070</td>
<td>6,820,935</td>
</tr>
<tr>
<td><strong>Subtotal Federal Sources</strong></td>
<td>$76,979,581</td>
<td>$74,838,636</td>
<td>$89,122,209</td>
<td>$117,477,626</td>
<td>$125,407,464</td>
</tr>
<tr>
<td><strong>Other Sources</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State (including SCHEV and State Research funds)</td>
<td>3,550,360</td>
<td>3,399,297</td>
<td>3,185,622</td>
<td>3,871,612</td>
<td>4,560,762</td>
</tr>
<tr>
<td>Local Governments/Schools</td>
<td>900,137</td>
<td>1,116,213</td>
<td>1,116,999</td>
<td>1,760,834</td>
<td>1,290,936</td>
</tr>
<tr>
<td>Foundations</td>
<td>12,080,351</td>
<td>12,460,225</td>
<td>12,857,406</td>
<td>13,664,967</td>
<td>15,638,979</td>
</tr>
<tr>
<td>Associations/Non-Profits</td>
<td>2,129,165</td>
<td>1,645,927</td>
<td>1,635,444</td>
<td>1,109,024</td>
<td>1,290,936</td>
</tr>
<tr>
<td>Foreign Entities</td>
<td>1,084,826</td>
<td>830,811</td>
<td>817,604</td>
<td>481,794</td>
<td>619,192</td>
</tr>
<tr>
<td>Universities</td>
<td>488,474</td>
<td>910,859</td>
<td>604,955</td>
<td>409,774</td>
<td>954,803</td>
</tr>
<tr>
<td>Institutional/Revenue/Pool/Other Governments</td>
<td>680,012</td>
<td>1,052,004</td>
<td>1,409,206</td>
<td>1,126,451</td>
<td>957,056</td>
</tr>
<tr>
<td><strong>Subtotal Other Sources</strong></td>
<td>$24,340,444</td>
<td>$25,525,460</td>
<td>$26,258,635</td>
<td>$26,184,369</td>
<td>$29,058,632</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$101,320,025</td>
<td>$100,364,096</td>
<td>$115,380,844</td>
<td>$143,661,995</td>
<td>$154,466,096</td>
</tr>
</tbody>
</table>

### Table 8.2 Expenditures by Federal Agency

<table>
<thead>
<tr>
<th>Agency</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Agriculture</td>
<td>625,982</td>
<td>367,523</td>
<td>351,171</td>
<td>288,884</td>
<td>327,405</td>
</tr>
<tr>
<td>Department of Commerce</td>
<td>2,630,802</td>
<td>2,966,746</td>
<td>2,724,382</td>
<td>1,606,397</td>
<td>2,090,229</td>
</tr>
<tr>
<td>Department of Defense</td>
<td>14,302,865</td>
<td>14,089,700</td>
<td>15,148,599</td>
<td>48,497,272</td>
<td>47,046,105</td>
</tr>
<tr>
<td>Department of Education</td>
<td>4,152,179</td>
<td>4,139,945</td>
<td>1,439,199</td>
<td>1,248,078</td>
<td>1,632,421</td>
</tr>
<tr>
<td>Department of Energy</td>
<td>362,745</td>
<td>312,906</td>
<td>133,734</td>
<td>196,565</td>
<td>162,991</td>
</tr>
<tr>
<td>Department of Health and Human Services</td>
<td>6,092,760</td>
<td>6,211,114</td>
<td>6,879,432</td>
<td>6,056,830</td>
<td>7,886,137</td>
</tr>
<tr>
<td>Department of Homeland Security</td>
<td>636,046</td>
<td>502,507</td>
<td>1,143,520</td>
<td>3,566,122</td>
<td>3,655,435</td>
</tr>
<tr>
<td>Department of Interior</td>
<td>1,055,046</td>
<td>686,798</td>
<td>733,195</td>
<td>483,556</td>
<td>411,275</td>
</tr>
<tr>
<td>Department of Justice</td>
<td>1,005,698</td>
<td>715,822</td>
<td>651,455</td>
<td>1,043,735</td>
<td>1,230,876</td>
</tr>
<tr>
<td>Department of State/USIA</td>
<td>1,952,591</td>
<td>1,538,311</td>
<td>1,255,861</td>
<td>523,380</td>
<td>623,508</td>
</tr>
<tr>
<td>Department of Transportation</td>
<td>1,841,481</td>
<td>2,308,396</td>
<td>1,979,031</td>
<td>2,168,002</td>
<td>2,331,456</td>
</tr>
<tr>
<td>NASA</td>
<td>3,910,720</td>
<td>3,543,851</td>
<td>4,293,558</td>
<td>3,055,916</td>
<td>3,970,819</td>
</tr>
<tr>
<td>National Endowment of Humanities/Arts</td>
<td>405,244</td>
<td>459,240</td>
<td>447,519</td>
<td>647,501</td>
<td>669,226</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>11,333,036</td>
<td>12,849,411</td>
<td>14,934,375</td>
<td>13,106,231</td>
<td>11,995,956</td>
</tr>
<tr>
<td>Small Business Administration</td>
<td>2,843,493</td>
<td>2,760,411</td>
<td>3,193,854</td>
<td>3,102,966</td>
<td>3,424,565</td>
</tr>
<tr>
<td>Other Federal Agencies</td>
<td>1,683,879</td>
<td>2,231,172</td>
<td>3,972,886</td>
<td>5,622,561</td>
<td>4,342,658</td>
</tr>
<tr>
<td><strong>Subtotal Direct Federal Funds</strong></td>
<td>$35,340,317</td>
<td>$33,453,853</td>
<td>$39,281,771</td>
<td>$91,784,096</td>
<td>$91,750,064</td>
</tr>
</tbody>
</table>

**Federal Funds Passed Through State**

<table>
<thead>
<tr>
<th>Value ($)</th>
<th>Value ($)</th>
<th>Value ($)</th>
<th>Value ($)</th>
<th>Value ($)</th>
</tr>
</thead>
</table>

**Federal Funds Passed Through**

1) Industry: 6,956,127 7,523,043 14,949,880 9,865,208 17,384,989
2) Associations/Non-Profits: 2,227,722 3,171,874 2,381,708 1,908,216 2,101,193
3) Local Governments and Schools/Other Governments: 525,070 603,663 395,754 828,210 636,955
4) Universities: 5,621,134 4,054,516 4,848,476 5,942,070 6,820,935

**Subtotal Federal Funds Passed Through 1,2,3 and 4**

$15,330,653 $15,353,096 $22,575,818 $16,543,704 $26,950,072

**Total Federal Expenditures**

$76,909,467 $74,762,438 $77,027,947 $117,449,907 $125,343,363