TABLE 1  
R&D expenditures at federally funded research and development centers, by source of funds: FYs 2001–19  
(Dollars in thousands)

<table>
<thead>
<tr>
<th>Fiscal year</th>
<th>All R&amp;D expenditures</th>
<th>Federal government</th>
<th>State and local government</th>
<th>Business</th>
<th>Nonprofit organizations</th>
<th>All other sources&lt;br&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>10,071,307</td>
<td>9,709,221</td>
<td>19,389</td>
<td>144,043</td>
<td>na</td>
<td>198,654</td>
</tr>
<tr>
<td>2002</td>
<td>11,536,424</td>
<td>11,095,110</td>
<td>31,423</td>
<td>134,251</td>
<td>na</td>
<td>275,640</td>
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<tr>
<td>2003</td>
<td>12,126,880</td>
<td>11,681,318</td>
<td>33,301</td>
<td>138,685</td>
<td>na</td>
<td>273,576</td>
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<tr>
<td>2004</td>
<td>12,632,207</td>
<td>12,321,652</td>
<td>29,959</td>
<td>119,843</td>
<td>na</td>
<td>160,753</td>
</tr>
<tr>
<td>2005</td>
<td>13,254,522</td>
<td>12,917,206</td>
<td>32,339</td>
<td>129,036</td>
<td>na</td>
<td>175,941</td>
</tr>
<tr>
<td>2006</td>
<td>13,218,497</td>
<td>12,824,552</td>
<td>30,122</td>
<td>170,879</td>
<td>na</td>
<td>192,944</td>
</tr>
<tr>
<td>2007</td>
<td>13,824,987</td>
<td>13,401,081</td>
<td>32,072</td>
<td>172,592</td>
<td>na</td>
<td>219,242</td>
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<tr>
<td>2008</td>
<td>15,616,390</td>
<td>15,177,347</td>
<td>32,188</td>
<td>202,534</td>
<td>na</td>
<td>204,321</td>
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<tr>
<td>2009</td>
<td>16,390,111</td>
<td>15,942,851</td>
<td>35,442</td>
<td>189,721</td>
<td>na</td>
<td>222,097</td>
</tr>
<tr>
<td>2010</td>
<td>18,880,609</td>
<td>18,453,552</td>
<td>52,871</td>
<td>168,561</td>
<td>23,665</td>
<td>181,960</td>
</tr>
<tr>
<td>2011</td>
<td>18,671,245</td>
<td>18,276,088</td>
<td>26,744</td>
<td>190,111</td>
<td>38,878</td>
<td>139,424</td>
</tr>
<tr>
<td>2012</td>
<td>18,280,943</td>
<td>17,875,012</td>
<td>39,428</td>
<td>184,434</td>
<td>45,926</td>
<td>136,143</td>
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<tr>
<td>2013</td>
<td>17,667,184</td>
<td>17,284,513</td>
<td>50,449</td>
<td>186,911</td>
<td>39,390</td>
<td>105,921</td>
</tr>
<tr>
<td>2014</td>
<td>17,718,556</td>
<td>17,331,396</td>
<td>28,337</td>
<td>220,735</td>
<td>37,182</td>
<td>100,906</td>
</tr>
<tr>
<td>2015</td>
<td>18,458,257</td>
<td>18,097,189</td>
<td>18,427</td>
<td>208,780</td>
<td>27,984</td>
<td>105,877</td>
</tr>
<tr>
<td>2016</td>
<td>19,219,702</td>
<td>18,855,593</td>
<td>21,556</td>
<td>192,239</td>
<td>40,195</td>
<td>110,119</td>
</tr>
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<td>2017</td>
<td>20,038,307</td>
<td>19,667,804</td>
<td>29,029</td>
<td>192,107</td>
<td>46,526</td>
<td>102,841</td>
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<tr>
<td>2018</td>
<td>21,171,529</td>
<td>20,770,388</td>
<td>43,458</td>
<td>197,975</td>
<td>43,630</td>
<td>116,078</td>
</tr>
<tr>
<td>2019</td>
<td>22,737,500</td>
<td>22,338,855</td>
<td>51,167</td>
<td>180,583</td>
<td>48,238</td>
<td>118,657</td>
</tr>
</tbody>
</table>

na = not applicable; data from nonprofit organizations were not collected separately.

Prior to FY 2010, R&D expenditures from nonprofit organizations were collected under All other sources.

Source(s):