<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>FY2018</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
<th>FY2023</th>
<th>Benchmark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statewide amount of total annual research and development expenditures as reported in the National Science Foundation (NSF) Higher Education Research and Development Survey</td>
<td>$111,589,983 (figure subject to change based on NSF HERD requirements, HERD report is not available yet)</td>
<td>$111,766,099 (figure subject to change based on NSF HERD requirements, HERD report is not available yet)</td>
<td>$112,850,458</td>
<td>$105,894,523</td>
<td>Note 1</td>
<td>Note 2</td>
<td>10% annual increase</td>
</tr>
<tr>
<td>Statewide amount of U.S. Department of Energy (DOE) research and development expenditures as reported in the National Science Foundation (NSF) Higher Education Research and Development Survey.</td>
<td>$3,926,015</td>
<td>$5,065,216</td>
<td>$5,309,742</td>
<td>$5,408,863</td>
<td>Note 1</td>
<td>Note 2</td>
<td>10% annual increase</td>
</tr>
<tr>
<td>Number of new fully sponsored project proposals submitted by an Idaho University that involve a subaward with another Idaho institution of higher education (in either direction).</td>
<td>23</td>
<td>17</td>
<td>16</td>
<td>18</td>
<td>Note 1</td>
<td>Note 2</td>
<td>50% annual increase</td>
</tr>
<tr>
<td>Number of new fully sponsored project awards to an Idaho University that involve a subaward with another Idaho institution of higher education (in either direction).</td>
<td>14</td>
<td>9</td>
<td>11</td>
<td>6</td>
<td>Note 1</td>
<td>Note 2</td>
<td>30% annual increase</td>
</tr>
<tr>
<td>Number of new sponsored projects involving the private sector (See Note A below)</td>
<td>47 (a); 19 (b)</td>
<td>58 (a); 24 (b)</td>
<td>55 (a); 22(b)</td>
<td>54 (a); 22(b)</td>
<td>Note 1</td>
<td>Note 2</td>
<td>50% annual increase</td>
</tr>
<tr>
<td>Number of technology transfer agreements (as defined by AUTM [Association of University Technology Managers]).</td>
<td>5</td>
<td>4</td>
<td>6</td>
<td>15</td>
<td>Note 1</td>
<td>Note 2</td>
<td>15% annual increase</td>
</tr>
<tr>
<td>Number of invention disclosures (including plant varieties)</td>
<td>24</td>
<td>26</td>
<td>35</td>
<td>30</td>
<td>Note 1</td>
<td>Note 2</td>
<td>1 for every $2M of research expenditures</td>
</tr>
<tr>
<td>Amount of licensing revenues.</td>
<td>$1,844,878</td>
<td>$2,549,919</td>
<td>$3,434,777</td>
<td>$2,621,175</td>
<td>Note 1</td>
<td>Note 2</td>
<td>10% annual increase</td>
</tr>
<tr>
<td>Number of startup companies.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Note 1</td>
<td>Note 2</td>
<td>10% annual increase</td>
</tr>
<tr>
<td>Number of undergraduate students paid from sponsored projects.</td>
<td>765</td>
<td>660</td>
<td>657</td>
<td>660</td>
<td>Note 1</td>
<td>Note 2</td>
<td>20% annual increase</td>
</tr>
<tr>
<td>Number of graduate students paid from sponsored projects.</td>
<td>500</td>
<td>467</td>
<td>418</td>
<td>390</td>
<td>Note 1</td>
<td>Note 2</td>
<td>20% annual increase</td>
</tr>
<tr>
<td>Number of baccalaureate students who graduated in STEM disciplines and had a research experience</td>
<td>360/574</td>
<td>386/599</td>
<td>387/666</td>
<td>339/589</td>
<td>Note 1</td>
<td>Note 2</td>
<td>20% annual increase</td>
</tr>
<tr>
<td>Percentage of baccalaureate students who graduated in STEM disciplines and had a research experience</td>
<td>62.71%</td>
<td>64.44%</td>
<td>58.11%</td>
<td>57.56%</td>
<td>Note 1</td>
<td>Note 2</td>
<td>20% annual increase</td>
</tr>
<tr>
<td>Number of faculty and staff paid from sponsored projects.</td>
<td>1,263</td>
<td>1,293</td>
<td>1,268</td>
<td>1,276</td>
<td>Note 1</td>
<td>Note 2</td>
<td>20% annual increase</td>
</tr>
</tbody>
</table>

**K-20 Statewide Strategic Plan Performance Measures**

<table>
<thead>
<tr>
<th>Percentage of students participating in internships</th>
<th>Note 1</th>
<th>Note 2</th>
<th>30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Measure Explanatory Notes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note 1 - Figures are not available, will be finalized by the end of February 2023</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note 2 - FY23 figures will be presented using the Higher Education Research Strategic Plan 2023-2027 Benchmarks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note A - Activity with private sector/industry - (a) is funding from private sector, and (b) is funding from private sector, federal flow through.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of new fully sponsored project proposals submitted by an Idaho University that involve a subaward with another Idaho institution of higher education (in either direction).</td>
<td>Collaborative new full proposal submissions that include subawards to or awards from other Higher Education institution in Idaho (excludes private higher education institutions).</td>
<td>50% annual increase</td>
<td></td>
</tr>
</tbody>
</table>
Degree designations by university that tie to CAES

**ISU**

- Applied Nuclear Energy
- Applied Physics
- Chemistry
- Civil Engineering
- Engineering & Applied Science
- Environmental Engineering
- Environmental Science and Mgt
- Environmental Science Mgt
- Geographic Information Science
- Geology
- Geotechnology
- Mathematics
- Measure & Control Engineering
- Mechanical Engineering
- Nuclear Science & Engineering
- Physics
- Post-Bac - Geotechnology
- Post-Bac Applied Nuc Energy
- Post-Bac Nuclear Energy

**BSU**

- Biology, MA (BIOLMST MA)
- Biology, MS (BIOLMST MS)
- Chemistry, MS (CHEM MS)
- Geology, MS (GEOLOGY-MS)
- Geophysics, MS (GEOPHYS-MS)
- Geophysics, PhD (GEOPHY-PHD)
- Geosciences, PhD (GEOSCI PHD)
- Master of Earth Science (MESCI)
- Mathematics, MS (MATH MS)
- Raptor Biology, MS (RPBIOL MST)
- Hydrologic Sciences, MS (HYDRSCI MS)
- STEM Education, MS (STEM ED MS)
- Civil Engineering, ME (CIVENGR ME)
- Civil Engineering, MS (CIVENGR MS)
- Computer Engineering, MS (CMPENGR MS)
- Computer Science, MS (COMPSC MST)
- Electrical Engineering, ME (ELCENGR ME)
- Electrical Engineering, MS (ELCENGR MS)
- Electrical & Computer Engr, PhD (ECENGR PHD)
- Master's in Communication
- Materials Sci & Engr, ME (MATSCI ME)
- Materials Science & Engr, MS (MATSCI MST)
Materials Science & Engr, PhD (MATSCI PHD)
Mechanical Engineering, MEngr (MECENGR ME)
Mechanical Engineering, MS (MECENGR MS)
Env & Nat Res & Engr Poli, MPA (PUBADM ENV)
General, MPA (PUBADM MST)
Master of Community & Reg Plan (CRP MSTR)
State & Local Government, MPA (PUBADM GOV)

UI

Industrial Technology (BS)
Biological and Agricultural Engineering (MS, ME, PhD)
Soil and Land Resources
Chemical Engineering (M Engr, MS, PhD)
Civil Engineering (M Engr, MS, PhD)
Computer Engineering (M Engr, MS, PhD)
Computer Science (MS, PhD)
Electrical Engineering (M Engr, MS, PhD)
Engineering Mgt (M Engr)
Materials Science and Engineering (M Engr, MS, PhD)
Mechanical Engineering (M Engr, MS, PhD)
Technology Mgt (MS)
Political Science (MA, PhD)
Public Administration (MPA)
Psychology: Human Factors (MS)
Geology (MS, PhD)
Chemistry (MS, PhD)
Hydrology (MS)
Mathematics (MS, PhD)
Physics (MS, PhD)
Statistical Science (MS)
Bioregional planning and Community Design (MS)
Environmental Science (MS, PhD)
PSM-Natural Resources & Environmental Science (PSM)
Water Resources (MS, PhD)