

# ARGONNE NATIONAL LABORATORY'S ECONOMIC IMPACT

*By the numbers*

## A RESEARCH AND DEVELOPMENT ASSET FOR THE NATION<sup>1</sup>

**\$1.05**  
billion spending

+ **\$1.62**  
billion value add<sup>2</sup>

**\$2.67**  
billion U.S. economic impact in 2021



**13,300+**  
jobs supported across the U.S.

<sup>1</sup> All numbers in this section are for FY21.  
<sup>2</sup> Indirect and induced economic activity resulting from Argonne's spending.

## A NATIONAL SCIENTIFIC RESOURCE



**3,486**  
employees<sup>3</sup>

of whom **1,445**  
are staff scientists and engineers

**6** national scientific user facilities attracting **6,000+** users<sup>4</sup> annually

**1,700+** papers published in technical journals, of which **550+** in high-impact journals<sup>5</sup>

<sup>3</sup> As of end FY21.  
<sup>4</sup> In FY21.  
<sup>5</sup> In 2021.

## A POWERHOUSE FOR NEW INVENTIONS<sup>6</sup>



**589**  
U.S. patents issued 2011–2020

**615**  
currently active U.S. patents

**250+** open-source software tools and models available for use

<sup>6</sup> All numbers in this section are as of end FY21.

## AN ASSET FOR INNOVATION AND COMMERCIALIZATION

Joint research and technology development programs with

**232**  
established companies<sup>7</sup>

Home to Chain Reaction Innovations incubator

**31** startups assisted<sup>8</sup>

**\$365** million raised by startups and **434** jobs created<sup>8</sup>



<sup>7</sup> SPPs and CRADAs in FY21.  
<sup>8</sup> As of end FY22.

## A RECOGNIZED CENTER OF EXCELLENCE<sup>9</sup>



**3**  
Nobel Prizes



**140+**  
R&D 100 awards

Home to the Joint Center for Energy Storage Research (JCESR) energy innovation hub

Home to Q-NEXT, a national quantum information science research center

<sup>9</sup> All numbers in this section are as of end FY22.

## A LEARNING ENVIRONMENT FOR STEM

**291** undergraduate and **205** graduate students employed<sup>10</sup>

**325** postdoctoral appointees<sup>11</sup>

Educational outreach to

**29,000+**  
people<sup>12</sup>



**65** school visits hosted<sup>12</sup>

<sup>10</sup> In FY21.  
<sup>11</sup> As of end FY21.  
<sup>12</sup> In FY19, the last pre-pandemic year.