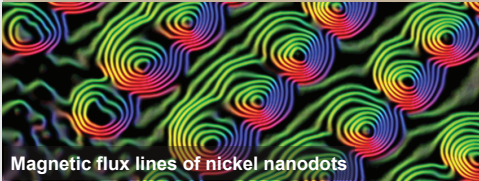




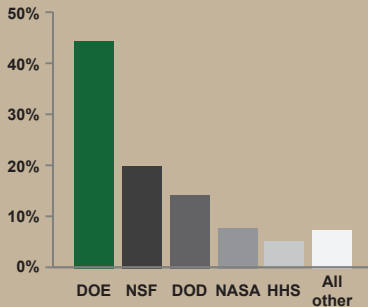
The DOE Office of Science is the Nation's largest supporter of basic research in the physical sciences.

Cutting-edge scientific research



The Office of Science supports 25,000 researchers—including Ph.D. scientists, engineers, graduate students, undergraduates, and technical and support personnel—through competitive awards each year at DOE laboratories and more than 300 universities and institutions of higher learning in all 50 States and the District of Columbia (see reverse).

Overall, the DOE provides 39% of federal funding for research in the physical sciences:



Source: NSF Science and Engineering Indicators 2012

FY 2019 appropriations \$6.6 billion



Facility construction and major instrumentation

National scientific user facilities

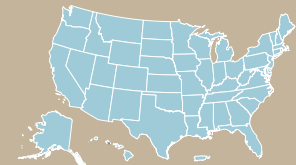


Linac Coherent Light Source

The Office of Science provides the world's largest array of scientific user facilities—including supercomputers, large-scale x-ray light sources, neutron scattering sources, and sophisticated facilities for nanoscience and genomic sequencing—serving more than 34,000 researchers from universities, government laboratories, and industry each year.

The Office of Science User Facilities are key to U.S. leadership in research and have enabled U.S. industry to achieve breakthroughs in areas ranging from drug discovery to the design of vehicles, aircraft, and jet engines. Over fifty Fortune 500 companies and dozens of small businesses use the facilities each year.

investment map on reverse



A culture of project management



National Synchrotron Light Source II

Over the past ten years, the Office of Science has completed 48 projects, each with a total cost greater than \$10 million. 92% of these projects were delivered on time and on budget with cumulative cost growth across all projects held below 1.3%.

In the forefront of discovery

Office of Science-supported researchers probe the frontiers of physics, chemistry, materials science, and systems biology, unraveling mysteries ranging from neutrinos and dark energy to the behavior of matter at the nanoscale. This research has yielded over 100 Nobel prizes during the past six decades, including more than 20 Laureates in the past 10 years.



Science shaping our energy future

The Office of Science is the lead Federal agency supporting scientific research for energy. Office of Science-supported researchers have made key scientific advances related to solar energy, bioenergy, solid state lighting, and batteries, among many other areas of energy, and continue to press forward with science in the quest to achieve a secure and sustainable energy future.



Steward of ten world-class federal laboratories

The Office of Science is the steward of 10 of the 17 DOE laboratories (see reverse). The DOE laboratories comprise a preeminent federal research system, developing unique, often multidisciplinary, scientific capabilities beyond the scope of academic and industrial institutions, to benefit the Nation's researchers and national strategic priorities.



Funding Recipients and Laboratories



Berkeley, California
202 acres and 96 buildings
3,302 FTEs
897 students & postdocs
11,403 facility users
www.lbl.gov



Richland, Washington
781 acres and 71 buildings
4,238 FTEs
1,001 students & postdocs
1,742 facility users
www.pnnl.gov

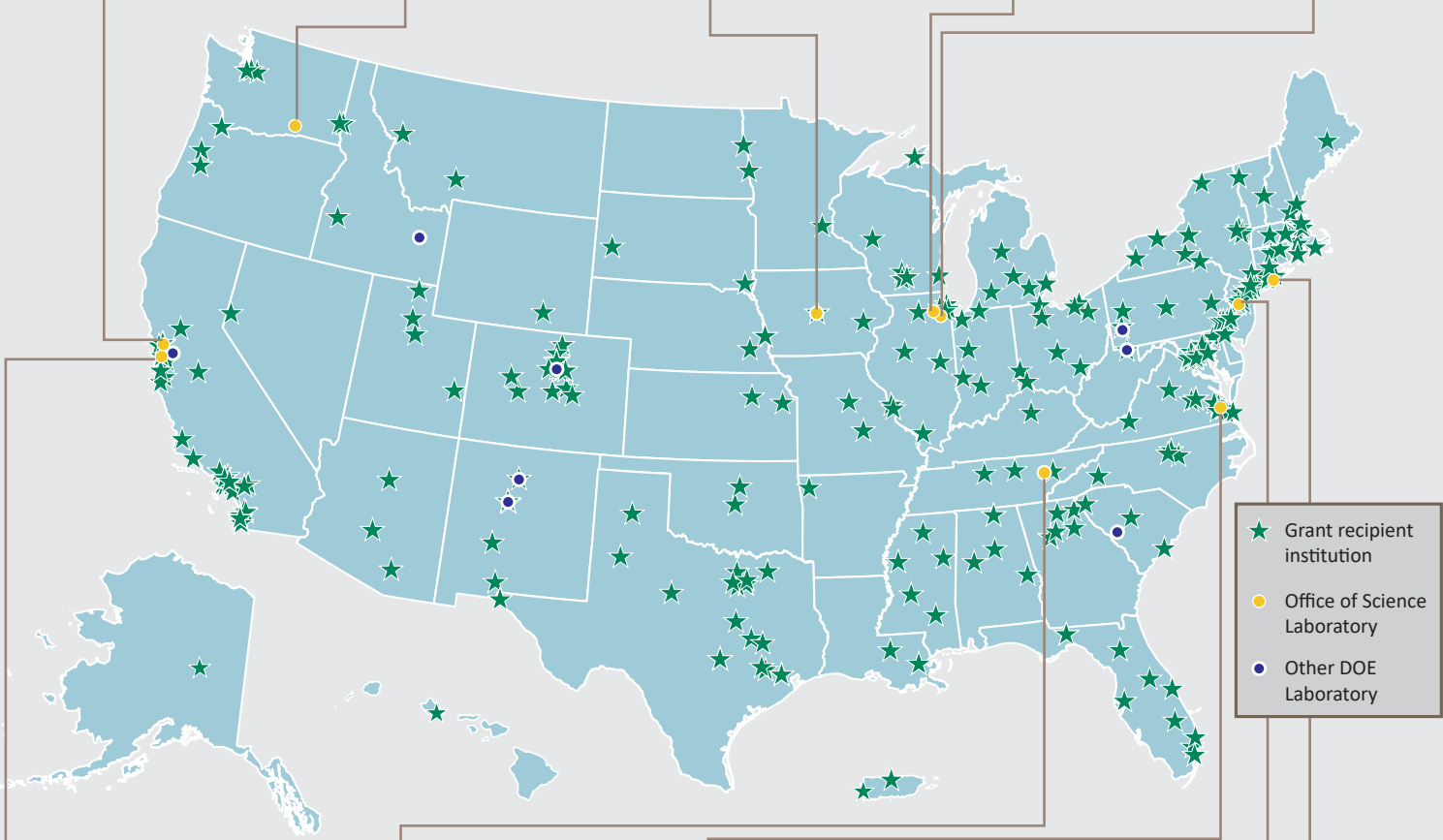
Ames, Iowa
10 acres and 13 buildings
307 FTEs
220 students & postdocs
www.ameslab.gov



Batavia, Illinois
6,800 acres and 366 buildings
1,783 FTEs
182 students & postdocs
3,472 facility users
www.fnal.gov



Argonne, Illinois
1,517 acres and 154 buildings
3,225 FTEs
842 students & postdocs
8,305 facility users
www.anl.gov



- ★ Grant recipient institution
- Office of Science Laboratory
- Other DOE Laboratory



Menlo Park, California
426 acres and 149 buildings
1,531 FTEs
451 students & postdocs
2,692 facility users
www.slac.stanford.edu



Oak Ridge, Tennessee
4,421 acres and 271 buildings
4,957 FTEs
953 students & postdocs
3,248 facility users
www.ornl.gov




Newport News, Virginia
169 acres and 69 buildings
678 FTEs
87 students & postdocs
1,438 facility users
www.jlab.org

Princeton, New Jersey
91 acres and 30 buildings
495 FTEs
69 students & postdocs
292 facility users
www.pppl.gov

Upton, New York
5,332 acres and 315 buildings
2,527 FTEs
511 students & postdocs
2,923 facility users
www.bnl.gov

Laboratory statistics reflect FY 2017 status. Grant recipient institutions based on FY 2018 awards.