Accessing Publicly Available Data from NIH’s Research Portfolio Online Reporting Tools

http://report.nih.gov  
http://projectreporter.nih.gov

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Goals of RePORT Program

• RePORT is the NIH’s commitment to the highest level of public accountability in carrying out its scientific missions.

• The Research Portfolio Online Reporting Tools website provides access to reports, data, and analyses of NIH research activities, including expenditures and the results of supported research.

• Our goals are to
  ▪ Gather all NIH data and reports
  ▪ Make these data easily accessible to the public
  ▪ Highlight the links between NIH funding and research results and products
Research Portfolio Online Reporting Tools (RePORT)

In addition to carrying out its scientific mission, the NIH exemplifies and promotes the highest level of public accountability. To that end, the Research Portfolio Online Reporting Tools provides access to reports, data, and analyses of NIH research activities, including information on NIH expenditures and the results of NIH supported research.
Public data available at multiple levels of complexity

NIH Data Book
https://report.nih.gov/nihdatabook/

NIH Funding Facts
https://report.nih.gov/fundingfacts/

NIH Awards by Location and Organization
https://report.nih.gov/award/

RePORTER (RePORT Expenditures and Results)
https://projectreporter.nih.gov

ExPORTER
https://exporter.nih.gov
http://report.nih.gov/tutorial/
The NIH Data Book summarizes answers to the most commonly asked questions about the NIH budget and extramural programs. Data are updated annually, and prior versions available as archives.
Dozens of charts and tables in areas of Budget, Research Grants, Small Business, Success Rates, Funding Rates, and the NIH-Funded Workforce

Charts and data are exportable for re-use
Easy access to >300,000 facts on applications, awards, funding, and success rates for the NIH.
Quick searches for a single answer…

...Or retrieve all years and analyze trends over time
• Year by year funding to organizations, states, and foreign countries
• Select Mechanism Institute/Center, Mechanism, FOA, Organization Type, Organization
• Explore geographical relationships in funding
• Export results and underlying data for further analysis
Awards by Location

- Maps

Note: Although this list can be sorted by the amount of funding each organization receives, these data should not be interpreted as a ranking of institutions by NIH. NIH’s use of multiple principal investigator awards makes calculation of the total funding received by individual departments impractical and there are multiple ways in which the funding data can be aggregated across universities’ schools and departments that can alter the ordering of institutions.

NIH reports the dollar amount of administrative supplements but, because they are supplements to existing projects, does not count these supplements as “awards.” As a result, every year there are a small number of organizations that receive NIH funding but appear in this table having “0” (zero) awards.

By Organization  By IC  By PI  By Location  By Funding Mechanism  Map  Data

Organization
13THERAPEUTICS, INC.
20/20 GENESYSTEMS, INC.
21ST CENTURY THERAPEUTICS INC.
23ANDME, INC.
360FRESH, INC.
3-C INSTITUTE FOR SOCIAL DEVELOPMENT
3D BIOMATRIX, INC.
3D BIOTEK, LLC

Maps

- Satellite
- Hybrid
- Terrain

Organization: IOWA STATE UNIVERSITY
Dollars Awarded: $12,570,086
Awards: 56
District: 4

Map data ©2013 Google
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RePORTER data are available for bulk download and re-use

- Detailed information for each project in RePORTER format, 1985 to present, updated weekly.
- Annual refreshes of 4 past fiscal year project data.
- Files with publications, patents, and clinical trials linked to NIH projects, as well as tables providing the linkages between these data sets.
- Publications data updated yearly
- Patents and clinical trials data updated monthly.

Access to data exported from the NIH CRISP system, (a predecessor to RePORTER), covering projects back to 1970.
Projects

• Full project number, core project number (GM123456), application identifiers, full abstract, costs (direct/indirect/total by institute or center)

Persons

• Principal investigator name(s), NIH unique investigator identifier

Organizations

• DUNS identifiers, addresses, and geocoding

Results

• PubMed and PubMedCentral identifiers (PMID, PMCID) and full bibliographic information from PubMed
• Patent numbers from iEdison
• ClinicalTrials.gov registration numbers
ExPORTER enables broad re-use of data