



\$3,328,280,000

NIH funding to Massachusetts
in FY2021¹

40,444

Jobs supported by NIH funding²

\$180,563,769

Diagnostic radiology funding to
Massachusetts in FY2021³

1 Source: <https://report.nih.gov/award/index.cfm#tab1>

2 Source: https://www.acadrad.org/wp-content/uploads/2022/04/UMR_NIHs-Role-in-Sustaining-the-U.S.-Economy-FY21.pdf

3 Source: <https://www.acadrad.org/academy-nih-data-collection-project-funding-to-diagnostic-radiology-2/>

**Final NIH Funding for FY2022
= \$44.9 Billion for the NIH**

**Academy ask for FY2023
= \$49 Billion for the NIH**

The Academy

The Academy is an advocacy organization committed to advancing research in medical imaging to promote the health and well-being of patients. We advocate for a sustainable medical imaging research.

Diagnostic Radiology

Imaging is a diagnostic tool that can help us better understand biological systems and develop treatments that benefit patients.

\$691 million vs. \$598 million

- The total amount of NIH dollars going to diagnostic radiology **increased over 15%** in FY2019 as compared to FY2018 resulting in new tools and technologies to help improve patient outcomes.

NIH funding results in ...

- Breakthroughs to overcome biomedical challenges.
- **Improved patient outcomes** across a myriad of diseases and disorders.
- The creation of over **552,444 jobs** and over **\$94.18 billion** of economic activity.⁵

5 Source: <https://www.unitedformedicalresearch.org/annual-economy-report/>

Federal funding for diagnostic radiology supports research like...

X-Ray Induced Acoustic Computed Tomography

- Improving x-ray to achieve better images with less radiation.
- Portable to reach patients in underserved communities.

Medical Imaging & Data Resource Center

- This database uses artificial intelligence and machine learning to help diagnose, monitor, and predict COVID-19 infections.
- Over 120,000 imaging studies collected to date, nearly 30,000 available to researchers.⁴

www.midrc.org

4 Source: <https://www.midrc.org/data-ingestion-pipeline>