FY2020 and FY2021
Academy NIH Data Collection Guidelines for
Funding to Diagnostic Radiology Project

The NIH funding to diagnostic radiology departments has been reported annually since the project was initiated in the early 90s by Stanley Baum, MD. This information is tracked for each fiscal year (FY) and shared by the Academy to show the amount of Federal funding from the NIH that goes to diagnostic radiology, as well as how that funding is allocated across radiology departments. Shown below is a chart depicting the history of this funding between 1985 and 2019 (note the outlying increase in 2010 as a result of the American Recovery and Reinvestment Act).

The Academy leverages this data as a strong advocacy tool on behalf of our community, which is why the staff continues its collection. In addition, we appreciate that many academic radiology leaders use this data for benchmarking their programs and advocating for their departments. The growth in multi-investigator collaborative research has led to challenges in apportioning credit in a formal ranking system. The Academy's goal has been to identify a transparent way to disseminate the data to empower departments and protect the perception of the Academy's role in the dissemination. **In 2019, after much discussion about how this project intersects with the Academy's mission and its overall value to our membership, the Executive Committee voted to disseminate the data in a new and more dynamic format. The Academy will now distribute an ALPHABETICAL list as opposed to a ranking; you will find more details in the 9-step instructional guide below.**

Every year, the project normally begins with the submission of a request to the Office of Extramural Research (OER) at the NIH for the research and training grants awarded to departments of radiology at U.S. medical schools. This year, the Academy has decided that due to the major delays of our FOIA requests for FY2020 and FY2021, presented by COVID-19, that we will ask our member departments to submit their own data.
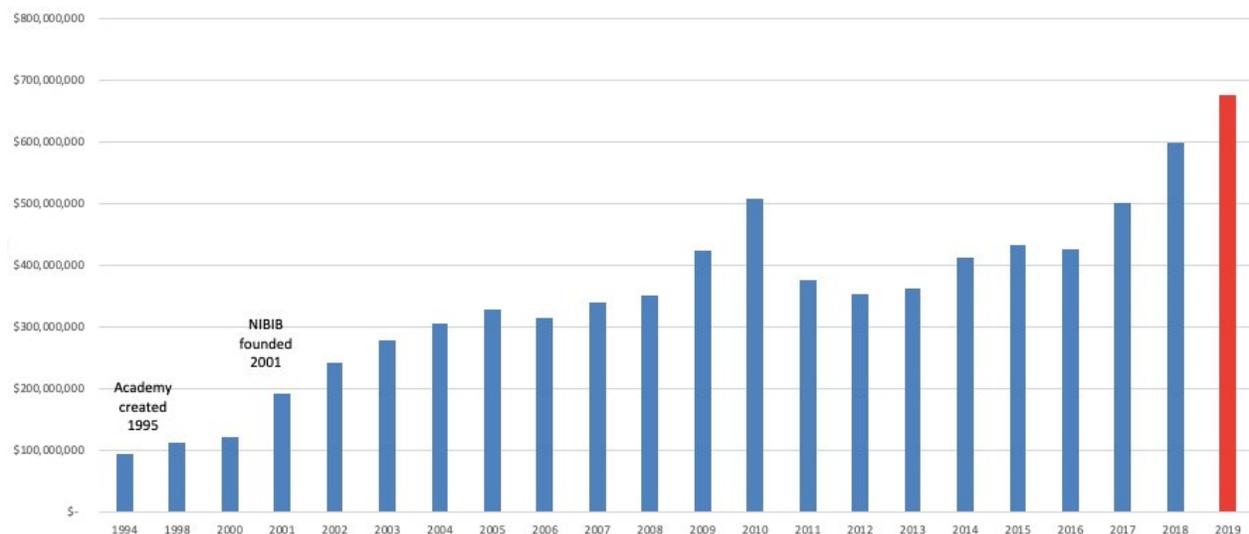
On the following pages are the steps on how to vet and submit your own data so that it may be appropriate for inclusion in the Academy's NIH Data Collection Project for FY2020 and FY2021. **You will need to submit your department's data no later than May 1, 2022.**

For more information about the Academy's NIH Data Collection Project please visit:
http://www.acadrad.org/nih-datacollection-project/

NIH Diagnostic Radiology Funding Trend

NIH Diagnostic Radiology Funding Trend
1994 - 2019

Processing of Submitted Data and Academy Next Steps
Please review the below guidelines carefully, should you have any questions please do not hesitate to reach out to Academy staff, Casey Cappelletti, ccappelletti@acadrad.org.

① **Grants to Non-Radiology departments should not be included**

Grants from the following departments will not be counted in the Academy's data collection project:

• Radiation Medicine
• Radiation Medicine and Applied Sciences
• RADIATION-DIAGNOSTIC/ONCOLOGY
• Radiation and Cellular Oncology
• Radiation Oncology
• Radiation Oncology and Molecular Sciences

Grants from the following departments will be counted in the Academy's data collection project:

• Center for Magnetic Resonance Research
• Center for Radiological Research
• Diagnostic Radiology
• Diagnostic Radiology and Nuclear Medicine
• Institute of Radiology
• Medical Imaging
• Radiological Sciences
• Radiology
• Radiology and Biomedical Imaging
• Radiology and Imaging
• Radiology and Imaging Sciences
• Radiology and Radiological Science
• Therapeutic Radiology

② **Clarified MPI awards**

A grant may have a Contact Principal Investigator (Contact PI) and Multiple Principal Investigators (MPIs) in separate departments. In prior years, to ensure we didn't allocate an award to more than one institution we credited the total award to a single PI—typically the Contact PI. In instances where the Contact PI was not in a Radiology department, but an MPI was, the total grant amount was credited to the department of the MPI. While this situation was very infrequent, it did mean that the total funding to our field was slightly over-estimated because a total grant award was being allocated to a Radiology department even though it only received a portion of the total award.

For this reason, a modified process will be followed for FY2020 and FY2021, departments are asked to subdivide awards where appropriate (see categories in step 7). In this way, the total amount allocated for these MPI grants is a true reflection of the dollars granted to radiology.

③ **Contacted research hospitals for their grant information – these departments do not need to submit any data for FY20, only FY21**

The raw NIH data normally lists grants at Radiology departments that are part of a university. Some NIH grants go through a hospital or foundation and therefore are not included in the initial list. Therefore, before we knew of the delays in FOIA the Chairs of Radiology at the below institutions have been contacted already to gather their grant information, but should still submit data following the guidelines for FY2021.

A list of institutions we contacted for FY20 data already:
- Brigham and Women's Hospital
- Massachusetts General Hospital
- Mayo Clinic
- Memorial Sloan Kettering Cancer Center
- Michigan State University
- Moffitt Cancer Center
- Beth Israel Deaconess
- MD Anderson Cancer Center

4 **Vetting of all collected data from Academy Member Departments and Research Hospitals**

Once we receive individual lists from member departments for FY2020 and FY2021, we will create individual master spreadsheets and add all applicable awards, paying attention to the items below:

- Ensured grants were entered in the appropriate format on the template excel.
- Checked that institution lists do not include sub-awards.
- Made sure all the award amounts sent to us are what they received in this fiscal year, not spent this year.
- Cross checked all grants included on these lists with NIH Reporter and, if needed, scheduled calls with the departments to discuss the eligibility of those grants.

5 **Separating out ECOG-ACRIN**

ECOG-ACRIN is a broad-based effort involving many centers and supports research at a large number of institutions in this ranking. To be equitable to the many centers involved, funding will not be attributed to any academic department. We recognize the strong leadership of these institutions in this effort and encourage departments to submit those grants in the indicated tab on the excel spreadsheet, for clarity we will only attribute the ECOG-ACRIN dollars from ACRIN, thereby contributing to the total radiology funding amount for FY2020 and FY2021, but not to the funding totals for institutions.

6 **Creating a PivotTable to add up the total grants of all medical schools and research hospitals, and then list them in ALPHABETICAL order with overall total at the bottom**

7 **Create a breakdown of all data into four categories in an excel spreadsheet**

- Contact PI on Grant to Primary Organization
- MPI on Grant with Award to Primary Organization
- Contact PI on Grant with Award to Other Organizations
- MPI on Grant with Award to Other Organization

8 **Send "early release" to all Academy member departments**

All Academy member departments will receive access to the final data before it is published publicly.

9 **Post the ranking on the Academy website & disseminate broadly via social media and Academy web resources**