Suggested information and tables to include in the annual Research Performance Progress Report (RPPR) for P30 Mature Synchrotron Resources (MSR) awards made under the following NOFOs:

* [PAR-19-232](https://grants.nih.gov/grants/guide/pa-files/PAR-19-232.html),
* [PAR-22-166](https://grants.nih.gov/grants/guide/pa-files/PAR-22-166.html)
* and subsequent reissuances.

Please also refer to Section VI.3 Reporting of the award’s applicable NOFO for additional reporting requirements.

Report progress from the submission date of the previous RPPR to the submission date of this RPPR. For awards approaching the end of year -01, the report should cover the time since the start of the award (the Project Start Date).

**Items (1) and (2) should be reported or uploaded in a pdf to G.1 of the RPPR:**

(1) Several (3 to 4) science highlights that were enabled by the resource

(2) Resource Usage Statistics & Accomplishments (suggested Tables 1-5)

**Table 1. MSR Facility Usage (shifts)**

* Please define the length of a shift and use the same definition for all Technology Operations Cores (TOCs)
* For this and subsequent tables please provide the name of each TOC in column 1

|  |  |  |  |
| --- | --- | --- | --- |
| **TOC** | **Length of shift (hours)** | **Total Number of Shifts Per Reporting Period** | **Number of Shifts** |
| **Available to General Users** | **In-Person Data Collection**  | **Remote Data Collection** | **Mail-in Data Collection by Beamline Staff** | **Maintenance** | **Lost to Synchrotron Downtime** | **Unused**  |
| **TOC #1** |  |  |  |  |  |  |  |  |  |
| **TOC #2** |  |  |  |  |  |  |  |  |  |
| **TOC #3** |  |  |  |  |  |  |  |  |  |

**Table 2: Facility Level of Demand (Proposals received and accepted for each TOC)**

* “New PIs (User Groups)” refer to PIs (user groups) who have not previously collected data at the MSR. This term includes totally new PIs (user groups) and PIs who may have collected data as students or post-doctoral researchers.

|  |  |  |
| --- | --- | --- |
| **TOC** | **Number of Proposals** | **Average Wait Time between Application & Beam Time Access** |
| **Received** | **Accepted**  | **Received from New PIs (User Groups)** | **Accepted from New PIs (User Groups)** |
| **TOC #1** |  |  |  |  |  |
| **TOC #2** |  |  |  |  |  |
| **TOC #3** |  |  |  |  |  |

**Table 3: PI (User Group) Geographic Distribution and Funding**

* For the “Entire MSR” row please provide the total number of unique PIs (user groups). Do not double count for different TOCs.

**3a. Funding information for PIs (user groups) who collected data**

|  |  |
| --- | --- |
| **TOC** | **Number of Unique PIs (User Groups)** |
| **Total** | **US-based**  | **New US-Based**  | **Supported by NIH Grants**  | **Supported by NSF Grants**  | **Supported by DOE Grants**  | **Supported by Non- Governmental Funds**  |  **Industry** |
| **TOC #1** |  |  |  |  |  |  |  |  |
| **TOC #2** |  |  |  |  |  |  |  |  |
| **TOC #3** |  |  |  |  |  |  |  |  |
| **Entire MSR** |  |  |  |  |  |  |  |  |

**3b. Geographic distribution of US PIs**

|  |  |
| --- | --- |
| **State** | **Number of unique PIs (User Groups)** |
| **TOC #1:**  | **TOC #2:**  | **TOC #3:**  | **Entire MSR:**  |
| **State 1** |  |  |  |  |
| **State 2** |  |  |  |  |
| **State 3** |  |  |  |  |

**3c. Geographic distribution of foreign PIs**

|  |  |
| --- | --- |
| **Country** | **Number of unique PIs (User Groups)** |
|  **TOC #1:**  | **TOC #2:**  | **TOC #3:**  | **Entire MSR:**  |
| **Country 1** |  |  |  |  |
| **Country 2** |  |  |  |  |
| **Country 3** |  |  |  |  |

**Table 4: Outreach**

**4a. Workshops**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Workshop Name** | **Dates & Locations** | **Virtual, In-Person or Hybrid?** | **Hands-on Workshop? Yes/No** | **Number of Attendees** | **Number of US-Based Attendees** | **Number of Attendees Who Have Never Used the MSR** |
|  |  |  |  |  |  |  |

**4b. Presentations by MSR Staff**

|  |  |
| --- | --- |
| **Conference/Institution Name** | **Type of Presentation (e.g., seminar or poster)** |
|  |  |

**4c. Other Outreach Activities**

**The activities listed in the table are meant to serve simply as examples.**

|  |  |  |
| --- | --- | --- |
| **Activity** | **Relevant information (e.g., URL)** | **Usage Statistics (if applicable)** |
| **YouTube Channel** |  |  |
| **Software Downloads** |  |  |

**Table 5. Research Outcomes**

* For the “entire MSR” row please provide the total number of unique publications. Do not double count from different TOCs.

|  |  |
| --- | --- |
| **TOC** | **Number of** |
|  **Preprints** | **All Publications** | **Publications that Cite the MSR Award** | **Publications that Cite the MSR Award and Other NIH Funding** | **Publications that Cite Only Other NIH Funding** | **Database Depositions (Indicate Database - e.g., PDB, SASBDB as Applicable)** | **Patents (Filed or Granted)**  |
| **TOC #1** |  |  |  |  |  |  |  |
| **TOC #2** |  |  |  |  |  |  |  |
| **TOC #3** |  |  |  |  |  |  |  |
| **Entire MSR** |  |  |  |  |  |  |  |