

**RPPR Data Dictionary - DRAFT
Cover Page Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|--|----------------|---------------------------------------|--|------------------|---|
| Section | | Award Information | | | | | |
| RPPR | 1 | Agency Code | CHARACTER(4) | NIST Special Publication 800-87 Rev 1 | A code indicating which federal agency or organizational unit code issued the award. | USASpending.gov | NIST Special Publication 800-87 Rev 1 |
| RPPR | 2 | Federal Award Identification Number | CHARACTER(16) | | Federal grant or other identifying number assigned by the agency which uniquely identifies the funded project. | USASpending.gov | Character length was changed to conform with USASpending. |
| RPPR | 3 | Project Title | CHARACTER(200) | | The title of the funded project. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 4 | Recipient Award Identification Number | CHARACTER (30) | | An identifying number or account number issued by the recipient and used for internal processing or reporting. | SF424 (R&R) | |
| RPPR | 5 | Project/Grant Period Start Date | CHARACTER(8) | YYYYMMDD | The date the awardee started the research. The performance start date. | USASpending | |
| RPPR | 6 | Project/Grant Period End Date | CHARACTER(8) | YYYYMMDD | The date the awardee ended the research. The performance end date. | USASpending | |
| Section | | Project Director/Principal Investigator | | | | | May contain multiple entries |
| RPPR | 7 | Last Name | CHARACTER(60) | | The last name of the PD/PI associated with the award. | SF424 (R&R) | May contain one or more PD/Pis as determined by the agency. |
| RPPR | 8 | First Name | CHARACTER(35) | | The first name of the PD/PI associated with the award. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 9 | Middle Name | CHARACTER(25) | | The middle name of the PD/PI associated with the award. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 10 | Title | CHARACTER(45) | | The professional title of the PD/PI. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 11 | Prefix | CHARACTER(10) | | The name prefix of the PD/PI. | SF424 (R&R) | |
| RPPR | 12 | Suffix | CHARACTER(10) | | The name suffix of the PD/PI. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 13 | Email address | CHARACTER(60) | | The PD/PI email address. | SF424 (R&R) | |
| RPPR | 14 | Phone Number | CHARACTER(25) | | The PD/PI phone number. | SF424 (R&R) | |

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|---------------|---------------------|---|---------------|--|---|-------------------|--|
| Section | | Submitting Official | | | | | |
| RPPR | 15 | Last Name | CHARACTER(60) | | Last name of the Submitting Official | SF424 (R&R) | |
| RPPR | 16 | First Name | CHARACTER(35) | | First name of the Submitting Official | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 17 | Middle Name | CHARACTER(25) | | Middle name of the Submitting Official | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 18 | Title | CHARACTER(45) | | Professional title of the Submitting Official | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 19 | Email address | CHARACTER(60) | | Email address of the Submitting Official | SF424 (R&R) | |
| RPPR | 20 | Phone Number | CHARACTER(25) | | Phone number of the Submitting Official | SF424 (R&R) | |
| RPPR | | Signature of Submitting Official (signature shall be submitted in accordance with agency specific instructions) | N/A | Signature of Submitting Official | This field will be system generated. | Systems Generated | This is not part of the government-wide schema. Each agency will provide agency-specific guidelines for electronic signature that comply with agency requirements. |
| Section | | Report Information | | | | | |
| RPPR | 21 | Submission Date & Time | DATE/TIME | YYYYMMDD.HH.MM.SS | The date on which the report was submitted to the agency. | Systems Generated | |
| RPPR | 22 | Reporting Period End Date | CHARACTER(8) | YYYYMMDD | Reporting period end date. The end date of the time period covered by the report. | USASpending | |
| RPPR | 23 | Report Term | CHARACTER(1) | Codes: *Annual = 1 *Semi-Annual =2 *Quarterly =3 *Other = 0 (Zero) | The term or frequency of the report. | New Standard | While agencies will assign codes for each value in the database, they can choose to implement a graphical user interface that masks the codes with the actual names of the values. |
| USAMRAA & ARO | ADDITIONAL | Distribution Statement | CHARACTER(1) | codes: *Unlimited = 1 *Limited =2 | Distribution Unlimited; approved for public release Distribution Limited to U.S. Government agencies only; report contains proprietary information | | Can define more than 2 codes if additional statements are applicable. |
| Section | | Recipient Organization | | | | | |
| RPPR | 24 | Recipient Legal Name | CHARACTER(60) | | The legal name of the organization receiving the award. | SF424(R&R) | |
| RPPR | 25 | Recipient Street | CHARACTER(55) | | The street address of the organization receiving the award. | SF424(R&R) | |
| RPPR | 26 | Recipient City | CHARACTER(35) | | The city of the organization receiving the award. | SF424(R&R) | |

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|--------|---------------------|-------------------------------|---------------|--|---|--|--|
| RPPR | 27 | Recipient State | CHARACTER(2) | INCITS 38:2009. http://www.census.gov/geo/www/ansi/state/tables.html | The state of the organization receiving the award. | INCITS 38:2009. http://www.census.gov/geo/www/ansi/statetables.html | |
| RPPR | 28 | Reciipient Zip | CHARACTER(9) | | For U.S.-based addresses, the zip code of the organization receiving the award. | ZIP+4 | The dash mark in between the numbers is not considered part of the field length. |
| RPPR | 29 | Recipient Country | CHARACTER(3) | ISO 3166-1 Alpha 3 | The code corresponding to the country of the organization receiving the award. | ISO 3166-1 Alpha 3 | |
| RPPR | 30 | Recipient Foreign Postal Code | CHARACTER(30) | | For foreign-based addresses, the postal code associated with the organization receiving the award. | SF424 (R&R) | |
| RPPR | 31 | Recipient DUNS Number | CHARACTER(13) | | This is a nine-digit number, issued by Dun & Bradstreet, followed by an optional 4-digit DUNS Plus 4 that uniquely identifies the recipient organization. | SF424 (R&R) | |
| RPPR | 32 | Recipient EIN | CHARACTER(30) | | The Employer ID Number of the recipient organization. | SF424 (R&R) | |

**RPPR Data Dictionary - DRAFT
Accomplishments Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|---|-----------------|------------|---|------------------|--|
| Section | | Accomplishments | | | | | |
| RPPR | 33 | Major Goals | CHARACTER(8000) | | A description of the major goals of the project. | New Standard | |
| RPPR | 34 | Accomplished Under Goals | CHARACTER(8000) | | A description of what was accomplished under these goals during the reporting period. | New Standard | |
| RPPR | 35 | Training Opportunities | CHARACTER(8000) | | A description of the opportunities for training and professional development provided by the project during the reporting period. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 36 | Results Dissemination | CHARACTER(8000) | | A description of how the results of the project have been disseminated to communities of interest during the reporting period. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 37 | Plans for Next Reporting Period | CHARACTER(8000) | | A description of what the PD/PI plans to do during the next reporting period to accomplish the goals of the project. | New Standard | This field will also include an associated attribute for a "No Change" flag. |
| ARO | ADDITIONAL | Honors and Awards | CHARACTER(8000) | | Honors and Awards received during the reporting period | | This field will also include an associated attribute for a "No Change" flag. |
| USAMRAA | ADDITIONAL | Regulatory Protocol and Activity Status | CHARACTER(8000) | | For awards involving the use of human subjects, use of human cadavers, and/or use of animal subjects, provide information about regulatory approval and progress status relating to the protocol. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |

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Products Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|-----------------------------------|-----------------|--|--|------------------|------------------------------|
| Section | | Publications | | | | | May contain multiple entries |
| RPPR | 38 | Publication Type | CHARACTER(1) | Publication Type Codes: * Journal Articles = 1 * Books = 2 * Book Chapters = 3 * Theses/Dissertations = 4 * Conference Papers and Presentations = 5 * Other = 0 (Zero) | A code that identifies the type of publication. | New Standard | |
| Section | | Publications: Journal Articles | | | | | May contain multiple entries |
| RPPR | 39 | Article Title | CHARACTER(1000) | | The title of the article. | | |
| RPPR | 40 | Journal | CHARACTER (255) | | The name of the journal in which the article is published, or to be published. | | |
| ARO | ADDITIONAL | Keywords | CHARACTER(500) | | Keywords for the paper | | Needed for DTIC |
| ARO | ADDITIONAL | Abstract | CHARACTER(1000) | | The abstract for the paper | | Needed for DTIC |
| ARO | ADDITIONAL | Distribution Statement | CHARACTER(200) | | How distribution should be restricted | | Needed for DTIC |
| RPPR | 41 | Peer Reviewed? | CHARACTER(1) | Peer Reviewed *Y *N | Indicate if the article was peer reviewed. | | |
| RPPR | 42 | Publication Status | CHARACTER(1) | Status of Publication Codes: *Published = 1 *Awaiting Publication =2 *Accepted =3 *Under Review =4 *Submitted =5 *Other = 0 (Zero) | The publication status of the article. | | |
| RPPR | 43 | Volume | CHARACTER(10) | | The volume number of the journal. | | |
| RPPR | 44 | Issue | CHARACTER(10) | | The issue number of the journal. | | |
| RPPR | 45 | First Page Number or elocation ID | CHARACTER(10) | | The starting (first) page number of the article or the elocation ID. | | |
| ARO | ADDITIONAL | Submitted Date | CHARACTER(8) | YYYYMMDD | Date Submitted if not yet published | | |
| RPPR | 46 | Publication Date | CHARACTER(8) | YYYYMMDD | The date of publication. | | |
| RPPR | 47 | Publication Location | CHARACTER(50) | | The city and country where it was published. | | |
| RPPR | 48 | Author(s) | CHARACTER(2000) | | The names of the authors as they appear in the article. | | |

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| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|--------|---------------------|-------------------------------------|----------------|---|---|------------------|-------|
| RPPR | 49 | Publication Identifier Type | CHARACTER(1) | Publication Number/Identifier: *DOI = 1 *ISBN =2 *ISSN =3 *Other = 0 (Zero) | A code that identifies what kind of unique identifier is associated with the publication. | | |
| RPPR | 50 | Publication Identifier | CHARACTER(255) | | The unique identifier for the publication. | | |
| RPPR | 51 | Acknowledgement of Federal Support? | CHARACTER(1) | Acknowledgment of Federal Support Codes: *Yes = Y *No = N | Indicate whether an acknowledgement of federal support was provided to the publisher. | | |

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| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|-------------------------------------|-----------------|--|---|------------------|------------------------------|
| Section | | Publications: Books | | | | | May contain multiple entries |
| RPPR | 52 | Book Title | CHARACTER(1000) | | The title of the book. | | |
| RPPR | 53 | Book Edition | CHARACTER(10) | | The edition number, if applicable. | | |
| RPPR | 54 | Book Volume | CHARACTER(10) | | The volume number, if applicable. Can be used if the book is one of a series. | | |
| RPPR | 55 | Publication Status | CHARACTER(1) | Status of Publication Codes: *Published = 1 *Awaiting Publication =2 *Accepted =3 *Under Review =4 *Submitted =5 *Other = 0 (Zero) | The publication status of the book. | | |
| RPPR | 56 | Book Publisher | CHARACTER(50) | | The name of the book's publisher. | | |
| RPPR | 57 | Publication Year | DATE | YYYY | The year the book was published. | | |
| RPPR | 58 | Publication Location | CHARACTER(50) | | The city and country where it was published. | | |
| RPPR | 59 | Peer Reviewed? | CHARACTER(1) | Peer Reviewed *Y *N | Indicate if the publication was peer reviewed. | | |
| RPPR | 60 | Author(s) | CHARACTER(2000) | | The names of the authors as they appear in the book | | |
| RPPR | 61 | Editor | CHARACTER (255) | | The editor of the book, if applicable. | | |
| RPPR | 62 | Publication Identifier Type | CHARACTER(1) | Publication Number/Identifier: *DOI = 1 *ISBN =2 *ISSN =3 *Other = 0 (Zero) | A code that identifies what kind of unique identifier is associated with the publication. | | |
| RPPR | 63 | Publication Identifier | CHARACTER(255) | | The unique identifier for the publication. | | |
| RPPR | 64 | Acknowledgement of Federal Support? | CHARACTER(1) | Acknowledgment of Federal Support Codes: *Yes = Y *No = N | Indicate whether an acknowledgement of federal support was provided to the publisher. | | |
| Section | | Publications: Book Chapters | | | | | May contain multiple entries |
| RPPR | 65 | Chapter Title | CHARACTER(1000) | | The title of the chapter of the book. | | |
| RPPR | 66 | First Page Number or elocation ID | CHARACTER(10) | | The starting (first) page number of the article or the elocation ID. | | |
| RPPR | 67 | Book Title | CHARACTER(1000) | | The title of the book. | | |
| RPPR | 68 | Book Edition | CHARACTER(10) | | The edition number, if applicable. | | |
| RPPR | 69 | Book Volume | CHARACTER(10) | | The volume number, if applicable. | | |

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|---------|---------------------|---|-----------------|--|---|------------------|------------------------------|
| RPPR | 70 | Publication Status | CHARACTER(1) | Status of Publication Codes: *Published = 1 *Awaiting Publication =2 *Accepted =3 *Under Review =4 *Submitted =5 *Other = Zero (0) | The publication status of the book. | | |
| RPPR | 71 | Book Publisher | CHARACTER(50) | | The name of the book's publisher. | | |
| RPPR | 72 | Publication Year | CHARACTER(4) | YYYY | The year in which the book was published. | | |
| RPPR | 73 | Publication Location | CHARACTER(50) | | The city and country where it was published. | | |
| RPPR | 74 | Peer Reviewed? | CHARACTER(1) | Peer Reviewed *Y *N | Indicate if the book was peer reviewed. | | |
| RPPR | 75 | Author(s) | CHARACTER(2000) | | The names of the authors as they appear in the book. | | |
| RPPR | 76 | Editor | CHARACTER (255) | | The editor of the book, if applicable. | | |
| RPPR | 77 | Publication Identifier Type | CHARACTER(1) | Publication Number/Identifier: *DOI = 1 *ISBN =2 *ISSN =3 *Other = 0 (Zero) | A code that identifies what kind of unique identifier is associated with the publication. | | |
| RPPR | 78 | Publication Identifier | CHARACTER(255) | | The unique identifier for the publication. | | |
| RPPR | 79 | Acknowledgement of Federal Support? | CHARACTER(1) | Acknowledgment of Federal Support Codes: *Yes = Y *No = N | Indicate whether an acknowledgement of federal support was provided to the publisher. | | |
| Section | | Publications: Theses/Dissertations | | | | | May contain multiple entries |
| RPPR | 80 | Title | CHARACTER(1000) | | The title of the dissertation. | | |
| RPPR | 81 | Author(s) | CHARACTER(2000) | | The names of the authors as they appear in the dissertation. | | |
| RPPR | 82 | Institution | CHARACTER(60) | | The name of the institution to which the dissertation was presented. | | |
| RPPR | 83 | Completion Date | CHARACTER(8) | YYYYMMDD | The date the dissertation was completed. | | |
| RPPR | 84 | Acknowledgement of Federal Support? | CHARACTER(1) | Acknowledgment of Federal Support Codes: *Yes = Y *No = N | Indicate whether an acknowledgement of federal support was provided to the publisher. | | |
| Section | | Publications: Conference Papers and Presentations | | | | | May contain multiple entries |

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|---------|---------------------|-------------------------------------|-----------------|--|---|------------------|------------------------------|
| RPPR | 85 | Paper Title | CHARACTER(1000) | | The title of the conference paper. | | |
| RPPR | 86 | Conference Name | CHARACTER (255) | | The name of the conference for which the paper was written. | | |
| ARO | ADDITIONAL | Publication Date | CHARACTER(8) | YYYYMMDD | Publication Date of the conference proceedings | | |
| RPPR | 87 | Conference Location | CHARACTER(50) | | The city and country where the conference was held. | | |
| RPPR | 88 | Publication Status | CHARACTER(1) | Status of Publication Codes: *Published = 1 *Awaiting Publication =2 *Accepted =3 *Under Review =4 *Submitted =5 *Other = 0 (Zero) | The publication status of the conference paper. | | |
| RPPR | 89 | Conference Date | CHARACTER(8) | YYYYMMDD | The date the conference began. | | |
| RPPR | 90 | Author(s) | CHARACTER(2000) | | The names of the authors as they appear in the conference paper. | | |
| RPPR | 91 | Acknowledgement of Federal Support? | CHARACTER(1) | Acknowledgment of Federal Support Codes: *Yes = Y *No = N | Indicate whether an acknowledgement of federal support was provided to the publisher. | | |
| Section | | Publications: Other Publications | | | | | May contain multiple entries |
| RPPR | 92 | Title | CHARACTER(1000) | | The name of the publication. | | |
| RPPR | 93 | Description | CHARACTER(2000) | | A description of the nature of the publication. | | |
| RPPR | 94 | Publication Date | CHARACTER(8) | YYYYMMDD | The date of publication. | | |
| RPPR | 95 | Author(s) | CHARACTER(2000) | | The names of the authors as they appear in the work. | | |
| RPPR | 96 | Publication Status | CHARACTER(1) | Status of Publication Codes: *Published = 1 *Awaiting Publication =2 *Accepted =3 *Under Review =4 *Submitted =5 *Other = 0 (Zero) | The status of the work with regard to publication. | | |
| RPPR | 97 | Acknowledgement of Federal Support? | CHARACTER(1) | Acknowledgment of Federal Support Codes: *Yes = Y *No = N | Indicate whether an acknowledgement of federal support was provided to the publisher. | | |
| Section | | Publications: Websites | | | | | May contain multiple entries |
| RPPR | 98 | Title | CHARACTER(1000) | | The name of the website. | | |
| RPPR | 99 | URL | CHARACTER(2048) | | The web address. | | |
| RPPR | 100 | Description | CHARACTER(8000) | | A description of the website. | | |
| Section | | Intellectual Property | | | | | May contain multiple entries |

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|---------|---------------------|-----------------------------------|------------------|---|--|---------------------|--|
| RPPR | 101 | Intellectual Property Type | CHARACTER(1) | Intellectual Property Type Codes: * Patent = 1 * Invention = 2 * License = 3 | A code that identifies the type of intellectual property. | New Standard | |
| Section | | Intellectual Property: Patents | | | | | May contain multiple entries |
| RPPR | 102 | Patent Abstract | CHARACTER(2000) | | An abstract describing the patent. | | |
| RPPR | 103 | Patent Title | CHARACTER(250) | | The name of the patent. | | |
| RPPR | 104 | Patent Number | CHARACTER(15) | | The number of the patent. | | |
| RPPR | 105 | Country | CHARACTER(3) | ISO 3166-1 Alpha 3 | The country in which the patent resides. | ISO 3166-1 Alpha 3 | |
| RPPR | 106 | Application Date | CHARACTER(8) | YYYYMMDD | The date the patent application was filed. | | |
| RPPR | 107 | Application Status | CHARACTER(1) | Application Status Codes: * Submitted = 1 * Pending = 2 * Granted = 3 | The status of the patent application. | | |
| RPPR | 108 | Date Issued | CHARACTER(8) | YYYYMMDD | The date patent was issued. | | |
| Section | | Intellectual Property: Inventions | | | | | May contain multiple entries |
| RPPR | 109 | Invention Title | CHARACTER(250) | | The name of the invention. | | |
| RPPR | 110 | Invention Description | CHARACTER (2000) | | A description of the invention. | | |
| RPPR | 111 | Inventor(s) | CHARACTER(2000) | | The names of the inventors. | | |
| ARO | ADDITIONAL | Name of Employer | CHARACTER(100) | | | DD882 | Reporting requirement when using RPPR for research contracts |
| ARO | ADDITIONAL | Address of Employer | CHARACTER(500) | | | DD882 | Reporting requirement when using RPPR for research contracts |
| ARO | ADDITIONAL | Confirmatory Instrument | CHARACTER(3) | Yes, No | Confirmatory Instrument or Assignment Forwarded to Contracting Officer | DD882 | Reporting requirement when using RPPR for research contracts |
| Section | | Intellectual Property: Licenses | | | | | May contain multiple entries |

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|---------|---------------------|----------------------------|-----------------|--|--|------------------|--|
| RPPR | 112 | License Title | CHARACTER(250) | | The title of the license. | | |
| RPPR | 113 | License Status | CHARACTER(1) | License Status Type Codes: * None =1 * Pending =2 * Licensed =3 | The status of the license application. | | |
| RPPR | 114 | Application Date | CHARACTER(8) | YYYYMMDD | The date on which the license was requested. | | |
| RPPR | 115 | Date Issued | CHARACTER(8) | YYYYMMDD | The date the license was issued. | | |
| RPPR | 116 | License Assignees | CHARACTER(60) | | The organization requesting the license. | | |
| Section | | Technologies or Techniques | | | | | May contain multiple entries |
| RPPR | 117 | Description | CHARACTER(8000) | | A name and description of technologies or techniques produced. | | This field will also include an associated attribute for a "Nothing to Report" flag. |
| Section | | Other Products | | | | | May contain multiple entries |
| RPPR | 118 | Product Type | CHARACTER(2) | Product Type Codes: * Audio or video =1 * Databases =2 * Data and Research Material =3 * Educational aids or curricula =4 * Evaluation Instruments =5 * Instruments or equipment =6 * Models =7 * Physical collections =8 * Protocols =9 * Software or NetWare =10 * Survey Instruments =11 * Other = 0 (Zero) | | | This field will also include an associated attribute for a "Nothing to Report" flag. |

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|--------|---------------------|---------------------|-----------------|------------|---|------------------|-------|
| RPPR | 119 | Other Product Type | CHARACTER(60) | | Description of the product type when "Other=0" is chosen from the Product Type codes above. | | |
| RPPR | 120 | Product Description | CHARACTER(8000) | | A description of the product and how it is being shared. | | |

**RPPR Data Dictionary - DRAFT
Participants Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|-------------------|---------------|--|---|------------------|--|
| Section | | Participants | | | | | May contain multiple entries |
| RPPR | 121 | Last Name | CHARACTER(60) | | The last name of the person being reported as a participant on the project. | SF424 (R&R) | |
| RPPR | 122 | First Name | CHARACTER(35) | | The first name of the person being reported as a participant on the project. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 123 | Middle Name | CHARACTER(25) | | The middle name of the person being reported as a participant on the project. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 124 | Prefix | CHARACTER(10) | | The name prefix of the PD/PI. | SF424 (R&R) | |
| RPPR | 125 | Suffix | CHARACTER(10) | | The name suffix of the PD/PI. | SF424 (R&R) | Character length was changed to conform with the SF424 (R&R). |
| RPPR | 126 | Project Role | CHARACTER(2) | Project Role Codes: *PD/PI = 1 *Co PD/PI = 2 *Co-Investigator = 3 *Faculty = 4 *Community College Faculty = 5 *Technical School Faculty = 6 *K-12 Teacher = 7 *Postdoctoral (scholar, fellow or other postdoctoral position) = 8 *Other Professional = 9 *Technician = 10 *Staff Scientist (doctoral level) = 11 *Statistician = 12 *Graduate Student (research assistant) = 13 *Non-Student Research Assistant = 14 *Undergraduate Student = 15 *Technical School Student = 16 *High School Student = 17 *Consultant = 18 *Research Experience for Undergraduates (REU) Participant = 19 Other (specify) = 0 (Zero) | A code representing the role of the participant on the project. | SF424 (R&R) | We added Project Roles based on the SF424 R&R and other sources used by NSF and NIH. Agencies would only implement the roles they were interested in using the common codes. |

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|---------|---------------------|--|-----------------|--|--|--|--|
| RPPR | 127 | Person Months Worked | NUMERIC(2) | | The nearest whole person months the participant worked during the reporting period. | New Standard | Field values can include 0-12 months, captured as a whole number. If a partial month was worked, the nearest whole number should be entered into this field. For example, if 11.8 months worked, enter 12. For 11.2 months worked, enter 11. |
| RPPR | 128 | Contribution to the Project | CHARACTER(2000) | | A description of the contribution made by the participant to the project. | New Standard | This field will also include an associated attribute for a "No Change" flag. |
| RPPR | 129 | Funding Support | CHARACTER(255) | | A list of any other funding support, other than this award, that supported this participant's participation in the project. | New Standard | |
| RPPR | 130 | International Collaboration | CHARACTER(1) | International Collaboration Codes: Yes = Y No = N | A yes/no indication of whether the participant collaborated with any individuals in a foreign country as part of this project during the reporting period. | Universal Standard | |
| RPPR | 131 | International Travel | CHARACTER(1) | International Travel Codes: Yes = Y No = N | A yes/no indication of whether the participant traveled to a foreign country as part of this project during the reporting period. | Universal Standard | |
| ARO | ADDITIONAL | National Academy Member | CHARACTER(1) | Yes = Y No = N | Is this person a national academy member | | |
| Section | | Participants: International Collaborations | | | | | May contain multiple entries |
| RPPR | 132 | Country of International Collaborator | CHARACTER(3) | ISO 3166-1 Alpha 3 | A code representing the country of the international collaborator. | ISO 3166-1 Alpha 3 | |
| Section | | Participants: International Travel | | | | | May contain multiple entries |
| RPPR | 133 | Country of Travel | CHARACTER(3) | ISO 3166-1 Alpha 3 | A code representing the country of the international travel. | ISO 3166-1 Alpha 3 | |
| RPPR | 134 | Duration of Stay | CHARACTER(3) | | The number of days the participant was traveling in the foreign country. | New Standard | |
| Section | | Partners | | | | | May contain multiple entries |
| RPPR | 135 | Partner Organization Name | CHARACTER(60) | | The name of any organization participating as a partner on this project. | SF424 (R&R) | |
| RPPR | 136 | Partner City | CHARACTER(35) | | The city in which the partner is located. | SF424 (R&R) | |
| RPPR | 137 | Partner State | CHARACTER(2) | INCITS 38:2009. http://www.census.gov/geo/www/ansi/statetables.html | The state in which the partner is located. | INCITS 38:2009. http://www.census.gov/geo/www/ansi/statetables.html | |
| RPPR | 138 | Partner Country | CHARACTER(3) | ISO 3166-1 Alpha 3 | The country in which the partner is located. | ISO 3166-1 Alpha 3 | |

**RPPR Data Dictionary - DRAFT
Participants Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|-----------------------------|------------------|--|---|------------------|--|
| RPPR | 139 | Partner Contribution | CHARACTER(1) | Partner's Contribution Codes: *Financial Support = 1 *In-kind support = 2 *Facilities = 3 *Collaborative research = 4 *Personnel exchanges = 5 *Other = 0 (Zero) | A code that represents the contribution made by the partner to the project. | New Standard | |
| RPPR | 140 | Partner Contribution Detail | CHARACTER (8000) | | A description including additional detail about the contribution made to the project by the partner. | New Standard | When agencies implement this question, they will need to clarify the definition to provide detailed instructions on how to fill out this question. |
| Section | | Other Collaborators | | | | | |
| RPPR | 141 | Other Collaborators | CHARACTER (8000) | | A description of any other collaborators not listed as partners or participants and their contribution to the project . | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |

**RPPR Data Dictionary - DRAFT
Impact Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|--------------------------|-----------------|--------------------|--|--------------------|--|
| Section | | Impacts | | | | | |
| RPPR | 142 | Discipline | CHARACTER(8000) | | A description of the impact in this reporting period on the development of the principal discipline(s) of the project | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 143 | Other Disciplines | CHARACTER(8000) | | A description of the impact in this reporting period on the development of other discipline(s). | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 144 | Human Resources | CHARACTER(8000) | | A description of the impact in this reporting period on the development of human resources. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 145 | Infrastructure | CHARACTER(8000) | | A description of the impact in this reporting period on physical, institutional, and information resources that form infrastructure. | | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 146 | Technology Transfer | CHARACTER(8000) | | A description of the impact in this reporting period on technology transfer. | | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 147 | Society | CHARACTER(8000) | | A description of the impact in this reporting period on society beyond science and technology | | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 148 | Foreign Spending Country | CHARACTER(3) | ISO 3166-1 Alpha 3 | A code indicating the foreign country where funds were spent. | ISO 3166-1 Alpha 3 | May contain multiple entires. |
| RPPR | 149 | Foreign Spending | NUMERIC (11) | | The dollar amount of the award's budget spent in foreign country. | USASpending | Data element captured for each "Foreign Spending Country" |

**RPPR Data Dictionary - DRAFT
Changes-Problems Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|--|------------------|------------|--|------------------|--|
| Section | | Changes | | | | | |
| RPPR | 150 | Approach | CHARACTER (8000) | | Description of changes in approach and the reasons for the changes. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 151 | Problems or Delays | CHARACTER(8000) | | Description of actual or anticipated problems or delays and actions or plans to resolve them. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 152 | Expenditure Impacts | CHARACTER(8000) | | Description of changes that have a significant impact on expenditures. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 153 | Human Subjects, Vertebrate Animals, Biohazards | CHARACTER(8000) | | Description of significant changes in the use or care of human subjects, vertebrate animals, and/or biohazards | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| RPPR | 154 | Place of Performance | CHARACTER(1000) | | Description of changes to the primary place of performance from that originally proposed. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |

RPPR Data Dictionary - DRAFT
Special Reporting Requirement Component

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|--|----------------------------|------------|---|-----------------------|--|
| Section | | Special Reporting Requirements | | | | | |
| RPPR | 155 | Special Requirements | Binary Large Object (BLOB) | | Response to special reporting requirements specifies in the award terms and conditions. | New Standard | This field will also include an associated attribute for a "Nothing to Report" flag. |
| ARO | ADDITIONAL | Number of undergraduate and graduate STEM participants | Numeric(3) | | Number of undergraduate and graduate participants enrolled in Science, Technology, Engineering, or Math (STEM) disciplines during the reporting period | Evelyn Kent, ASD(R&E) | Only invoked for HBCU/MI institutions |
| ARO | ADDITIONAL | Number of participants that received a STEM degree | Numeric(3) | | Number of participants that received an undergraduate or advanced degree in a Science, Technology, Engineering, or Math (STEM) discipline during the reporting period | Evelyn Kent, ASD(R&E) | Only invoked for HBCU/MI institutions |
| USAMRAA | ADDITIONAL | Clinical Trial(s) | CHARACTER(8000) | | Description of enrollment issues, retention problems, and adverse event/UPIRISO reporting and actions or plans for mitigation. | New Standard | This field will also include an associated attribute for a "Not Applicable" flag. |

**RPPR Data Dictionary - DRAFT
Demographics Component**

| Source | Data Element Number | Data Element Name | Data Type | Validation | Definition | Standards Source | Notes |
|---------|---------------------|--|--------------|--|---|------------------|---------------------------|
| Section | | Demographic Information for Significant Contributors | | | | | Multiple entries allowed. |
| RPPR | 156 | Gender | CHARACTER(1) | Gender Codes: *Male = M *Female = F *Do not wish to provide = 0 (Zero) | A code corresponding to the gender of the significant contributor. | New Standard | |
| RPPR | 157 | Ethnicity | CHARACTER(1) | Ethnicity Codes: *Hispanic or Latino = 1 *Not-Hispanic or not-Latino = 2 *Do not wish to provide = 0 (Zero) | A code corresponding to the ethnicity of the significant contributor. | New Standard | |
| RPPR | 158 | Race | CHARACTER(1) | Race Codes: *American Indian or Alaska Native = 1 *Asian = 2 *Black or African American = 3 *Native Hawaiian or other Pacific Islander = 4 *White = 5 *Do Not Wish to Provide = 0 (Zero) | A code corresponding to the race of the significant contributor. | New Standard | |
| RPPR | 159 | Disability | CHARACTER(1) | Disability Status Codes: *Yes = Y *No = N *Do not wish to provide = 0 (Zero) | A code corresponding to the disability status of the significant contributor. | New Standard | |