



Open Payments Public Use Files: Methodology Overview & Data Dictionary

O P E N P A Y M E N T S

C R E A T I N G P U B L I C T R A N S P A R E N C Y
I N T O I N D U S T R Y - P H Y S I C I A N
F I N A N C I A L R E L A T I O N S H I P S

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Disclaimer: The Centers for Medicare & Medicaid Services (CMS) is providing this guidance document as informational material on Open Payments. Although every reasonable effort has been made to assure the accuracy of the information, it is the responsibility of the user to ensure adherence to the requirements of the Open Payments implementing regulations, the Medicare, Medicaid, Children's Health Insurance Programs; Transparency Reports and Reporting of Physician Ownership or Investment Interests Final Rule codified at 42 CFR Parts 402 and 403 [CMS-5060-F]. This document is not intended as a supplement or replacement of the Final Rule.

Open Payments Methodology Overview & Data Dictionary

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1 Introduction

Open Payments, which is managed by the Centers for Medicare & Medicaid Services (CMS), is a national disclosure program created by the Affordable Care Act (ACA). The program promotes transparency and accountability by helping consumers understand the financial relationships between pharmaceutical and medical device industries, and physicians and teaching hospitals. These financial relationships may include consulting fees, research grants, travel reimbursements, and payments made from the industry to medical practitioners.

It is important to note that financial ties between the health care industry and health care providers do not necessarily indicate an improper relationship.

This document provides a guide to how CMS publishes the informational data gathered by Open Payments for public use. It explains the sources of the data, the data files that are available from CMS, and the fields contained in each data file. View the data and learn more about the Open Payments program by visiting <https://www.cms.gov/openpayments/index.html>.

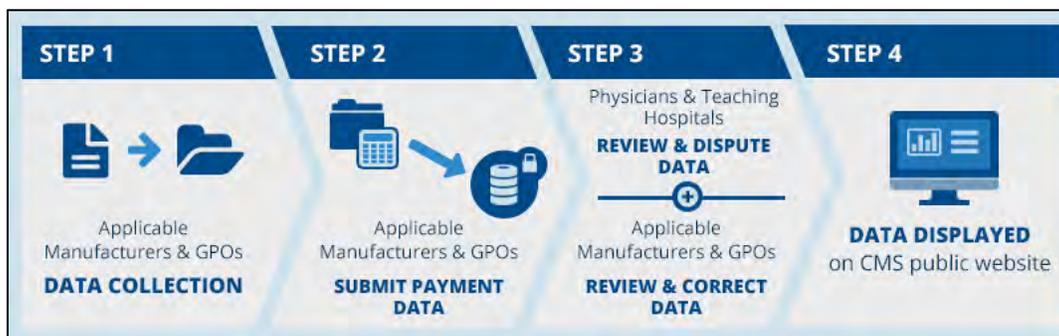
2 Methodology

Applicable manufacturers and applicable group purchasing organizations (GPOs) are required to submit data about payments and other transfers of value made to physicians and teaching hospitals between January 1 and December 31 of each program year. They are also required to submit information regarding ownership or investment interests held by physicians or their immediate family members during the program year.

This data may then be reviewed and, if necessary, disputed by the physicians and teaching hospitals associated with those records. The data is then made available on <https://openpaymentsdata.cms.gov/> for online browsing and downloading. Data submitted to Open Payments that is eligible for publication is published twice annually; first, in an initial publication, and then in a refresh publication. Refer to Section 2.3 for more information. Publishing rules, limitations, and exclusions are given in Section 2.6 and Section 2.7.

Figure 2.1, below, provides a high-level representation of the various periods during a given program year. Exact dates for program year 2015 are given in Appendix A.

Figure 2.1: Steps of the Open Payments Program



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2.1 Steps 1 and 2: Data Collection and Submission

Applicable manufacturers and applicable GPOs submit their data for a program year during a designated submission period in the subsequent calendar year. For example, data collected from January 1-December 31, 2015 (“program year 2015”) was submitted during the submission period, which ran from February 1 to March 31, 2016. During the submission period, applicable manufacturers and applicable GPOs may also submit data from earlier program years as well as updates to previously submitted data.

Physicians may be identified as covered recipients of records or as principal investigators associated with research-related payment records. To accurately identify physicians associated with records and correctly attribute those records to valid physicians, applicable manufacturers and applicable GPOs are required to include in their records the names of the physicians and other identifying information, including the physician’s state medical license number(s) and National Provider Identifier (NPI), if the physician has one.

Teaching hospitals may also be identified as covered recipients of records. Teaching hospitals are defined by CMS as any hospitals receiving payments for Medicare direct graduate medical education (GME), inpatient prospective payment system (IPPS) indirect medical education (IME), or psychiatric hospital IME programs during the last calendar year for which such information is available. CMS has made available lists of reportable teaching hospitals for each program year, which can be found on the [Resources page of the Open Payments website](https://www.cms.gov/OpenPayments/About/Resources.html) (<https://www.cms.gov/OpenPayments/About/Resources.html>).

During the submission process, the Open Payments system checks the submitted information to verify that the reported identifying data matches to valid physicians and teaching hospitals. This initial system matching can result in some records being rejected. These records must be corrected and re-submitted by the applicable manufacturer or applicable GPO in order for the records to be eligible for review, dispute, and publication.

2.2 Step 3: Review and Dispute Data/Review and Correct Data

Physicians and teaching hospitals may review the data attributed to them in the Open Payments system prior to its publication, and they may dispute any data they believe to be inaccurate. Each program year has a designated review, dispute, and correction period that begins after the end of the submission period. The program year 2015 dates for this period and all other periods referenced in this section are provided in Appendix A.

The review, dispute, and correction period starts with a 45-day review and dispute period for physicians and teaching hospitals to review, dispute, and work with the reporting entity to resolve any disputed record(s) submitted during the submission period. This includes records submitted for the previous program year, and any records submitted late from prior program years.

Immediately following the initial 45-day review and dispute period is an additional 15-day correction period for reporting entities to make final corrections to records and resolve any active disputes. Records that are flagged for delay in publication by the reporting entity are eligible for review and dispute by physicians and teaching hospitals.

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Note that although there is a designated review, dispute, and correction period, these activities can be performed through the end of the calendar year on all records that were submitted during the submission period of the current calendar year, which includes not only records for the latest program year but also newly edited, submitted, and re-attested records from previous program years. The designated review and dispute period only affects how the dispute is displayed in the data publication and subsequent data refresh. If a dispute is not resolved within the review, dispute, and correction period of a program year, all parties should still continue to seek a resolution until the dispute is resolved.

Any disputes not resolved by the end of the correction period will be identified as under dispute in the initial publication. Any disputes not resolved before the end of the calendar year (December 31st) will also be identified as under dispute in the refresh publication.

After the end of the calendar year, all records that had been available for review and dispute will no longer be available to covered recipients to review or dispute. Reporting entities will still be able to edit records after the end of the calendar year.

2.3 Step 4: Data Publication

Only data submitted and attested to by the submission closing date are eligible for publication in the subsequent initial and refresh publications. Data submitted and attested after the submission closing date are considered late and will not be eligible for publication until the initial publication in the following calendar year. Also, data modified after November 15 that did not have any disputes against it will not be considered for the refresh publication but will be eligible for the next initial publication.

Data submitted to Open Payments that is eligible for publication is published twice annually, as explained below. Explanations of record limitations, exclusions, and ineligibility are provided in Section 2.6 and Section 2.7.

- **June 30 Publication - Initial Publication**
 - The first publication of the eligible records submitted and attested on or before the submission closing date of the latest program year.
 - The republication of eligible records from prior program years, including updates to previously published records made since the previous publication.
 - The data published is the latest attested version of the payment records at the end of the correction period of the latest program year.
- **Early Year Publication - Refresh Publication**
 - Publishes updates to the data made since the Initial Publication.
 - The second publication of eligible records submitted and attested on or before the submission closing date of the latest program year.

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- It contains updates made to records after the correction period of the latest program year and before the end of the calendar year (or before the modified-without-dispute cutoff date in November for records not under dispute).
- The data published is the latest attested version of the data at the end of the calendar year.

For example, the June 30, 2016 data publication included the initial publication of the program year 2015 data and republication of prior program years. The early 2017 data publication included the refresh publication of program year 2015 data and republication of prior program years.

CMS publishes the Open Payments data for public use at <https://openpaymentsdata.cms.gov>.

2.3.1 Effect of Disputes on Data Publication

If a dispute is resolved by making corrections to the record(s), whether the updated data will be published depends upon when the records were corrected. See Section 2.3, above, for an explanation of which version of the data will be published.

Records still under dispute at the time of publication may be published with an indicator that identifies those records as being under dispute. Whether a record is identified as disputed in data publications depends upon when the dispute was initiated and when/if the dispute was resolved. The table below lists scenarios for dispute initiation and resolution, and explains how records are identified in data publications based upon those scenarios.

Figure 2.2: Records Identified as Disputed

| Dispute Initiated/Resolved | Published As Disputed in Initial Publication? | Published As Disputed in Refresh Publication? |
|---|--|---|
| Initiated: During the 45-day Review and Dispute Period Resolved: By the end of the 15-day Correction Period | No | No |
| Initiated: During the 45-day Review and Dispute Period Resolved: After the end of the 15-day Correction Period | Yes | Yes, unless the dispute is resolved before the end of the calendar year |
| Initiated: During the 15-day Correction Period Resolved: By the end of the 15-day Correction Period | No | No |
| Initiated: During the 15-day Correction Period Resolved: After the end of the 15-day Correction Period | No | Yes, unless the dispute is resolved before the end of the calendar year |
| Initiated: After the Correction Period Resolved: By the end of the calendar year | No | No |
| Initiated: After the Correction Period Resolved: After the end of the calendar year | No | Yes |

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Note: If a record was initially disputed during the 45-day review and dispute period and more disputes are initiated on that same record during the 15-day correction period, then the data attested to as of the end of the 15-day correction period is published in the initial publication, including any changes made due to dispute resolution.

2.4 Data Sources and Types

Applicable manufacturers and applicable GPOs must enter detailed information about payments, other transfers of value, or investment interests into CMS's Open Payments system. These payments, other transfers of value, and ownership or investment interests are categorized into three (3) payment types:

1. **General Payments:** Payments or other transfers of value not made in connection with a research agreement or research protocol.
2. **Research Payments:** Payments or other transfers of value made in connection with a research agreement or research protocol.
3. **Physician Ownership or Investment Interest Information:** Information about physicians who hold an ownership or investment interest in an applicable manufacturer or applicable GPO or who have an immediate family member holding such interest.

2.5 Reporting Limitations and Exclusions

The Open Payments data published by CMS is subject to limitations and exclusions.

Certain payments or other transfers of value are excluded from reporting, such as product samples and educational materials intended for patient use. Records of such payments and other transfers of value should not be submitted to the Open Payments system. These exclusions are outlined in the Open Payments final rule, at 42 C.F.R. § 403.904(i), available at <https://www.cms.gov/Regulations-and-Guidance/Legislation/National-Physician-Payment-Transparency-Program/Downloads/Final-Rule.pdf>.

Payment records will only be accepted by the Open Payments system if they are both successfully validated and successfully matched to a valid physician or teaching hospital.

2.6 Publication Rules

The publication rules for Open Payments are as follows:

- Eligible records submitted and attested before the end of the data submission period will be published in that year's initial and data refresh publications.
- The data published in the June 30 (initial) publication is the latest attested version of the data at the end of the correction period.
- The data published in the early year (refresh) publication is the latest attested version of the data at the end of the calendar year.

Records may not be eligible for publication based upon publishing limitations. See Section 2.6.1 for details.

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2.6.1 Publishing Limitations

The following limitations apply to what records are published by CMS through Open Payments:

1. **Data submitted and attested after the submission closing date** is considered late and will not be included in the initial publication or the next data refresh publication. Late submissions may be eligible for publication in the following calendar year's data publication.
2. **Records in which physician or physician principal investigator identifying information is changed after the submission closing date** will not be included in the initial publication or the next data refresh publication. These records may be eligible for publication in the following calendar year's data publication.
3. **Records deleted** prior to the end of the correction period for that year will not be published in the initial data publication or in any subsequent publications.
 - Records deleted after the correction period but prior to December 31 of that calendar year will be published in the initial publication but will be removed in the data refresh publication and any subsequent publications.
4. **Records without disputes against them that are updated after the end of the submission period** will not have those updates included in the initial data publication.
 - The updated version of the record may be eligible for the next data refresh publication if it was resubmitted and attested by the modified-without-dispute cutoff date in November of that year.
 - Updates to undisputed records that are resubmitted and attested after the modified-without-dispute cutoff date in November will not be published in the subsequent refresh publication but may be eligible for publication in the following calendar year's publication.
5. **Records that had been published previously and were then edited after their publication** and not re-attested to by the end of the next correction period are not published.
6. **Reporting entities may request a delay in the publication of research payment records** if the records relate to research or development of a new drug, biological, device, or medical supply; a new application of an existing drug, biological, device, or medical supply; or clinical investigations regarding a new drug, biological, device, or medical supply. These payments will be published in later publications of Open Payments as appropriate. See the Open Payments Final Rule, 42 C.F.R. § 403.910, available at <https://www.cms.gov/Regulations-and-Guidance/Legislation/National-Physician-Payment-Transparency-Program/Downloads/Final-Rule.pdf>.
 - Records for which submitters requested a delay in publication or a renewal of a delay in publication prior to the end of the submission period will not be published for one year. These records will be eligible for publication in the next year's publication, unless the delay in publication is renewed for another year.

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- Records with a delay in publication request removed after the end of the submission period that do not have a dispute against them will not be published in the initial publication, but will be published in the refresh publication.

7. **Program year 2013** includes only data collected from August 1– December 31, 2013. All subsequent program year publications contain data collected from the entire calendar year (January 1 – December 31).

2.7 Data in Context

The context of the data is shown in two different ways. General contextual information about the program can be found on the [Data in Context page on the Open Payments website](https://www.cms.gov/OpenPayments/About/Open-Payments-Data-in-Context.html) (<https://www.cms.gov/OpenPayments/About/Open-Payments-Data-in-Context.html>). In addition, context at the individual payment level is also available when reported by the applicable manufacturer or applicable GPO. This data is posted exactly as it was submitted and was not altered by CMS. This may be viewed when exploring the data.

3 Accessing the Data

Open Payments data can be accessed at <https://openpaymentsdata.cms.gov>. From this site, all Open Payments data can be viewed online and downloaded.

3.1 Online Data Access

CMS has made available two tools for online viewing. One is the [Search Tool](https://openpaymentsdata.cms.gov/search) (<https://openpaymentsdata.cms.gov/search>), which allows users to search Open Payments data for physicians, teaching hospitals, and companies making payments. The other online viewing tool is the [Data Explorer tool](https://openpaymentsdata.cms.gov/browse) (<https://openpaymentsdata.cms.gov/browse>), which allows users to browse datasets; search records by physician, teaching hospital, principal investigator, and reporting entity; and filter the data.

3.2 Downloading the Data

CMS has made available the capability to download complete Open Payments data sets. Data sets for all program years are available. The data sets are contained in downloadable ZIP files. Each program year zip file contains several comma-delimited character-separated value (CSV) files and a README text file. The program year is included in each ZIP file's name.

Also available for download is a supplement file that contains more detailed information about physicians who were indicated as recipients of payments, other transfers of value, or as holding ownership or investment interests in applicable manufacturers on records that were published by CMS through the Open Payments program. The supplement file also contains information about physician principal investigators who were associated with research payments or other transfers of value in records published by CMS through the Open Payments program. The supplement file contains only physicians who have at least one payment record associated with them that has been published by CMS through the Open Payments program. This list is available in a downloadable ZIP file, which contains a comma-delimited character-separated value (CSV) file and a README text file.

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CMS recommends against using Windows File Compression to decompress downloaded files. Programs recommended for file decompression are WinZip, WinRAR, and 7-Zip.

The **Program Year zip files** contain CSV files of the following types:

- **General Payments Details**
 - General payment records provide the total value of general payments or other transfers of value to a particular recipient for a particular date.
 - Each record includes identifying information for the applicable manufacturer or applicable GPO who made the payment, and identifying information for the recipient.
 - Each record also lists, if applicable, up to five covered drugs or biologicals, or up to five covered devices or medical supplies, if the payment was made in relation to any such products.
- **Research Payments Details**
 - Research payment records provide the total value of a payment or other transfer of value made for research purposes to a particular recipient for a particular date.
 - Each record includes identifying information for the applicable manufacturer or applicable GPO who made the payment, as well as identifying information for the recipient. Information is also provided for up to five physician principal investigators associated with the payment.
 - Each record also lists, if applicable, up to five covered drugs or biologicals, or up to five covered devices or medical supplies.
- **Physician Ownership Details** – The complete published data set for physician ownership or investment interest data. Physician ownership records provide information on physician ownership or investment interests in an applicable manufacturer or applicable GPO.

Records for all three payment categories (general, research, physician ownership) include a Change Type indicator that explains the record's status relating to previous publications.

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Figure 3.1: Change Type Values and Meanings

| Change Type value | Meaning |
|-------------------|---|
| NEW | The payment record is submitted during the most recent submission window and is being published for the first time. |
| ADD | The payment record had been submitted prior to the most recent submission window but had been ineligible for publication until the current publication. The record is being published for the first time. |
| CHANGED | The payment record has been published in a previous publication and has been modified since its last publication, which may include an update to its dispute status. |
| UNCHANGED | The payment record was published in the previous publication and is being republished without change in the current publication. |

- **Deleted and Removed Records** – The Deleted Records File contains the Record ID, Payment Type, and Program Year of records that were previously published and have been deleted or removed from the Open Payments system for that program year. Each record also has a Change Type indicator, which shows if the record was deleted or removed.
 - Note: The initial publication of the latest program year’s data will not include a Deleted and Removed Record file, as the initial publication contains records that have not been previously published.

The text file in the program year zip files is:

- **README** – A text file that provides information about the files available for download, their formats, special handling considerations, and other alternatives for viewing the Open Payments data.

A complete list of data elements displayed in the General Payments Details, Research Payments Details, Physician Ownership Details, and Deleted Records files, including descriptions and sample data for each data element, can be found in Appendices B, C, D, and E, respectively.

Also available for download is the **Physician Profile Supplement Detail zip file**, which contains one (1) CSV file and one (1) README file. The CSV file contains all of the identifying information for physicians who were indicated as recipients of payments, other transfers of value, or ownership and investment interest in Open Payments records, as well as physician principal investigators who were associated with payments or other transfers of value. The README file provides information about the contents of the CSV file. A complete list of data elements displayed in the Physician Profile Supplement File, including

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descriptions and sample data for each data element, can be found in Appendix F.

Note: **The CSV data files may be too large for Microsoft Excel and other common spreadsheet programs.** Excel cannot display worksheets with more than 1,048,576 rows. To display the data in its entirety requires the use of programs capable of handling very large numbers of records.

3.3 2015 Program Year Files

The ZIP file OP_DTL_PGYR2015_P01172017.zip contains the four (4) CSV files and one (1) text file as described above for program year 2015 data. The table below summarizes key information for each of the above-referenced files.

Figure 3.2: Program Year 2015 Data Files

| File Name | Number of Rows | Number of Columns | Raw Data File Size |
|-------------------------------------|----------------|-------------------|--------------------|
| General Payments Details | 11,142,702 | 65 | 5.6 GB |
| Research Payments Details | 764,311 | 166 | 598 MB |
| Physician Ownership Details | 4,319 | 29 | 1.6 MB |
| Deleted and Removed Records Details | 9,059 | 4 | 329 KB |

3.4 2014 Program Year Files

The ZIP file OP_DTL_PGYR2014_P01172017.zip contains the four (4) CSV files and one (1) text file as described above for program year 2014 data. The table below summarizes key information for each of the above-referenced files.

Figure 3.3: Program Year 2014 Data Files

| File Name | Number of Rows | Number of Columns | Raw Data File Size |
|-------------------------------------|----------------|-------------------|--------------------|
| General Payments Details | 11,164,127 | 65 | 5.6 GB |
| Research Payments Details | 672,729 | 166 | 513 MB |
| Physician Ownership Details | 5,262 | 29 | 2 MB |
| Deleted and Removed Records Details | 13,109 | 4 | 474 KB |

3.5 2013 Program Year Files

The ZIP file OP_DTL_PGYR2013_P01172017.zip contains the four (4) CSV files and one (1) text file as described above for program year 2013 data. The table below summarizes key information for each of the above-referenced files.

Figure 3.4 :Program Year 2013 Data Files

| File Name | Number of Rows | Number of Columns | Raw Data File Size |
|--|----------------|-------------------|--------------------|
| General Payments Details | 4,162,016 | 65 | 2.1 GB |
| Research Payments Details | 294,563 | 166 | 219 MB |
| Physician Ownership Details | 5,101 | 29 | 2 MB |
| Deleted and Removed Records Details | 792 | 4 | 28 KB |

3.6 Physician Profile Supplement File

The Physician Profile Supplement File contains all of the identifying information for physicians who were indicated as recipients of payments, other transfers of value, or ownership and investment interest in records published by CMS through Open Payments as well as physician principal investigators who were associated with payments or other transfers of value in records published in Open Payments. This list can be used as a resource when analyzing Open Payments datasets.

The ZIP file OP_PH_PRFL_SPLMTL_P01172017.zip contains one (1) CSV file with the Physician Profile Supplement File and one (1) text file, a README file that provides information about the file available for download, its format, special handling considerations, and other alternatives for viewing the data.

Figure 3.5: Physician Profile Supplement File

| File Name | Number of Rows | Number of Columns | Raw Data File Size |
|-------------------------------------|----------------|-------------------|--------------------|
| Physician Profile Supplement | 814,502 | 27 | 157 MB |

3.6.1 Contents of the Physician Profile Supplement File

The file contains only physicians who were associated with at least one payment record published in Open Payments since the start of the program in 2013. Each record includes the physician’s demographic information, specialties, and states in which the physician holds medical license(s), as well as the Open Payments’ unique identification number (Physician Profile ID) for each physician. The Physician Profile ID is a unique identifier for a physician within the Open Payments system and can be used to search the data files to find payments made to that specific physician as well as to link physician records across program years.

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3.6.2 How to Use the Physician Supplement File

Individuals and organizations can use the identifying information provided in the Physician Profile Supplement File as an analytical resource to search for records of payments or other transfers of value made to a particular physician, as well as to link physician data across program years. A complete list of data elements displayed in the Physician Profile Supplement File, including descriptions and sample data for each data element, can be found in Appendix F.

Information related to the taxonomy codes included in the physician profiles is provided in the “Open Payments Physician Taxonomy Code List – 2016,” available on the Resources page of the Open Payments website, at <https://www.cms.gov/OpenPayments/About/Resources.html>.

Appendix A: Key Dates for the Open Payments System for Program Year 2015

Figure A.1: Key Dates for Program Year 2015

| Program Activity | Start Date | End Date |
|---|------------------|-------------------|
| Applicable manufacturers and applicable GPOs collect payment data | January 1, 2015 | December 31, 2015 |
| Applicable manufacturers and applicable GPOs submitted data to the Open Payments system | February 1, 2016 | March 31, 2016 |
| Physicians and teaching hospitals reviewed data and disputed records as necessary | April 1, 2016 | May 15, 2016 |
| Applicable manufacturers and applicable GPOs corrected data as necessary | May 16, 2016 | May 30, 2016 |
| Data published by CMS | N/A | June 30, 2016 |
| Data refresh published by CMS | N/A | January 17, 2017 |

Registration for applicable manufacturers, applicable GPOs, physicians, and teaching hospitals is available year-round.

Record review, dispute, and correction can take place year-round. The dates above are the dates those actions could be taken and be reflected in the initial data publication of June 30, 2016. Disputes initiated after May 15, 2016 or changes to records made after May 30, 2016 may be reflected in data refresh publication. See Sections 2.2 and 2.3 of this document for details.

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Appendix B: General Payments Detail

Figure B.1: General Payment File Attributes

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|----------------|--|-------------|--------------|--------|------------|
| Change_Type | <p>Indicator showing if the payment record is New, Added, Modified, or Unchanged in the current publication compared to the previous publication.</p> <p>NEW - Payment record was reported to the Open Payments system between the previous calendar year submission end date and current closing date and is being published for the first time in the current publication</p> <p>ADD - Payment record was reported to the Open Payments system before the previous calendar year submission end date but was not eligible to be published in the prior publication; the record is being published for the first time in the current publication</p> <p>CHANGED - Payment record was published in the last publication and has since been changed, which may include changes in the record's dispute status; the record is being published in the current publication in its changed form</p> <p>UNCHANGED - Payment record was published in the last publication and is republished in the current publication without changes</p> | NEW | VARCHAR2(20) | String | 20 |

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| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|------------------------|--|------------------------|---------------|--------|------------|
| Covered_Recipient_Type | Indicator showing if recipient of the payment or other transfer of value is a physician covered recipient or a teaching hospital | Physician | VARCHAR2(50) | string | 50 |
| Teaching_Hospital_CCN | A unique identifying number (CMS Certification Number) of the Teaching Hospital receiving the payment or other transfer of value | 330024 | VARCHAR2(06) | string | 6 |
| Teaching_Hospital_ID | Open Payments system-generated unique identifier of the teaching hospital receiving the payment or other transfer of value | 1000000999 | NUMBER(38,0) | number | 38 |
| Teaching_Hospital_Name | The name of the teaching hospital receiving the payment or other transfer of value – the name displayed is as listed in the CMS teaching hospital list | Healthy Heart Hospital | VARCHAR2(100) | string | 100 |
| Physician_Profile_ID | Open Payments system-generated unique identifier for physician profile receiving the payment or other transfer of value | 1000000378 | NUMBER(38,0) | number | 38 |

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| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|---------------------|--------------|--------|------------|
| Physician_First_Name | First name of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | John | VARCHAR2(20) | string | 20 |
| Physician_Middle_Name | Middle name of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | A | VARCHAR2(20) | string | 20 |
| Physician_Last_Name | Last name of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | Smith | VARCHAR2(35) | string | 35 |
| Physician_Name_Suffix | Name suffix of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | III | VARCHAR2(5) | string | 5 |
| Recipient_Primary_Business_Street_Address_Line1 | The first line of the primary practice/business street address of the physician or teaching hospital (covered recipient) receiving the payment or other transfer of value | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|-------------|--------------|---------------|------------|
| Recipient_Primary_Business_Street_Address_Line2 | The second line of the primary practice/business street address of the physician or teaching hospital (covered recipient) receiving the payment or other transfer of value | Suite 100 | VARCHAR2(55) | string | 55 |
| Recipient_City | The primary practice/business city of the physician or teaching hospital (covered recipient) receiving the payment or other transfer of value | Baltimore | VARCHAR2(40) | string | 40 |
| Recipient_State | The primary practice/business state or territory abbreviation of the physician or teaching hospital (covered recipient) receiving the payment or other transfer of value, if the primary practice/business address is in the United States | MD | CHAR(2) | string | 2 |
| Recipient_Zip_Code | The 9-digit zip code for the primary practice/business location of the physician or teaching hospital (covered recipient) receiving the payment or other transfer of value | 21244-3712 | VARCHAR2(10) | number-number | 10 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|------------------------|---|---------------------|---------------|--------|------------|
| Recipient_Country | The primary practice/business address country name of the physician or teaching hospital (covered recipient) receiving the payment or other transfer of value | US | VARCHAR2(100) | string | 100 |
| Recipient_Province | The primary practice/business province name of the physician (covered recipient) receiving the payment or other transfer of value, if the primary practice/business address is outside the United States, and if applicable | Manitoba | VARCHAR2(20) | string | 20 |
| Recipient_Postal_Code | The international postal code for the primary practice/business location of the physician (covered recipient) receiving the payment or other transfer of value, if the primary practice/business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Physician_Primary_Type | Primary type of medicine practiced by the physician (covered recipient) | Medical Doctor (MD) | VARCHAR2(100) | string | 100 |
| Physician_Specialty | Physician's single specialty chosen from the standardized "provider taxonomy" code list | 208D00000X | VARCHAR2(300) | string | 300 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|-------------------------------|---|-------------|-----------|--------|------------|
| Physician_License_State_code1 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MA | CHAR(2) | string | 2 |
| Physician_License_State_code2 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | PA | CHAR(2) | string | 2 |
| Physician_License_State_code3 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | VA | CHAR(2) | string | 2 |
| Physician_License_State_code4 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MI | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|----------------------------|---------------|--------|------------|
| Physician_License_State_code5 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | WI | CHAR(2) | string | 2 |
| Submitting_Applicable_Manufacturer_or_Applicable_GPO_Name | Textual proper name of the submitting applicable manufacturer or applicable GPO | ABCDE Manufacturin g | VARCHAR2(100) | string | 100 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_ID | Open Payments system-generated unique identifier of the applicable manufacturer or applicable GPO making payment or other transfer of value | 1000000049 | VARCHAR2(38) | Number | 38 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_Name | Textual proper name of the applicable manufacturer or applicable GPO making the payment or other transfer of value | ABCDE Manufacturin g | VARCHAR2(100) | string | 100 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_State | State name of the applicable manufacturer or applicable GPO making the payment or other transfer of value | VA | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|----------------------------|---------------|------------------------|------------|
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_Country | Country name of the applicable manufacturer or applicable GPO making the payment or other transfer of value | United States | VARCHAR2(100) | string | 100 |
| Total_Amount_of_Payment_USDollars | US dollar amount of payment or other transfer of value to recipient (manufacturer must convert to dollar currency if necessary) | 1978.00 | NUMBER(12,2) | decimal | 12 |
| Date_of_Payment | If a singular payment, then this is the actual date the payment was issued; if a series of payments or an aggregated set of payments, this is the date of the first payment to the covered recipient in this program year | 04/01/2013 | DATE | Date MM/DD /YYYY | 12 |
| Number_of_Payments_Included_in_Total_Amount | The number of discrete payments being reported in the "Total Amount of Payment" | 1 | NUMBER(3,0) | number | 3 |
| Form_of_Payment_or_Transfer_of_Value | The method of payment used to pay the covered recipient or to make the transfer of value | In-kind items and services | VARCHAR2(100) | string | 100 |
| Nature_of_Payment_or_Transfer_of_Value | The nature of payment used to pay the covered recipient or to make the transfer of value | Consulting Fee | VARCHAR2(200) | string | 200 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|----------------------------|---------------|--------|------------|
| City_of_Travel | For "Travel and Lodging" payments, destination city where covered recipient traveled | San Diego | VARCHAR2(40) | string | 40 |
| State_of_Travel | For "Travel and Lodging" payments, destination state where covered recipient traveled | CA | CHAR(2) | string | 2 |
| Country_of_Travel | For "Travel and Lodging" payments, destination country where covered recipient traveled | United States | VARCHAR2(100) | string | 100 |
| Physician_Ownership_Indicator | Indicates whether the physician holds ownership or investment interest in the applicable manufacturer; this indicator is limited to physician's ownership, not physician's family members' ownership | No | CHAR(3) | string | 3 |
| Third_Party_Payment_Recipient_Indicator | Indicates if a payment or other transfer of value was paid to a third party entity or individual at the request of or on behalf of a covered recipient (physician or teaching hospital) | Entity | VARCHAR2(50) | string | 50 |
| Name_of_Third_Party_Entity_Receiving_Payment_or_Transfer_of_Value | The name of the entity that received the payment or other transfer of value | EDCBA Manufacturin g | VARCHAR2(50) | string | 50 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|---|---------------|--------|------------|
| Charity_Indicator | Indicates the third party entity that received the payment or other transfer of value is a charity | No | CHAR(3) | string | 3 |
| Third_Party_Equals_Covered_Recipient_Indicator | Indicator showing the "Third Party" that received the payment or other transfer of value is a covered recipient | No | CHAR(3) | string | 3 |
| Contextual_Information | Any free text which the reporting entity deems helpful or appropriate regarding this payment or other transfer of value | Transfer made to promote use of product | VARCHAR2(500) | string | 500 |
| Delay_in_Publication_Indicator | Indicator showing if an applicable manufacturer or applicable GPO is requesting a delay in publication of a payment or other transfer of value | No | CHAR(3) | string | 3 |
| Record_ID | Open Payments system-assigned identifier to the general transaction at the time of submission | 10000000024 1 | NUMBER(38,0) | number | 38 |
| Dispute_Status_for_Publication | Indicates whether the payment or other transfer of value is being disputed by the covered recipient or not | Yes | CHAR(3) | string | 3 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|---------------|---------------|--------|------------|
| Product_Indicator | Indicator that allows the applicable manufacturer or applicable GPO to select whether the payment or other transfer of value is associated with only covered drugs, devices, biologicals or medical supplies ("Covered"), or only non-covered drugs, devices, biologicals or medical supplies ("Non-covered"), or neither covered or non-covered drugs, devices, biologicals or medical supplies ("None"), or both covered and/or non-covered drugs, devices, biologicals or medical supplies ("Covered" or "Combination") | Covered | VARCHAR2(50) | string | 50 |
| Name_of_Associated_Covered_Drug_or_Biological1 | The marketed name of the drug or biological associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 1 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Drug_or_Biological2 | The marketed name of the drug or biological associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 2 | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|---------------|---------------|--------|------------|
| Name_of_Associated_Covered_Drug_or_Biological3 | The marketed name of the drug or biological associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 3 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Drug_or_Biological4 | The marketed name of the drug or biological associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 4 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Drug_or_Biological5 | The marketed name of the drug or biological associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 5 | VARCHAR2(100) | string | 100 |
| NDC_of_Associated_Covered_Drug_or_Biological1 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|--------------------|---------------|--------|------------|
| NDC_of_Associated_Covered_Drug_or_Biological2 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| NDC_of_Associated_Covered_Drug_or_Biological3 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| NDC_of_Associated_Covered_Drug_or_Biological4 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| NDC_of_Associated_Covered_Drug_or_Biological5 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| Name_of_Associated_Covered_Device_or_Medical_Supply1 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 1 | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|--------------------|---------------|--------|------------|
| Name_of_Associated_Covered_Device_or_Medical_Supply2 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 2 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Device_or_Medical_Supply3 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 3 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Device_or_Medical_Supply4 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 4 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Device_or_Medical_Supply5 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 5 | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Attribute Name | Description | Sample Data | Data Type | Format | Max Length |
|--------------------------|--|-------------|-----------|------------------------|------------|
| Program_Year | The year in which the payment occurred | 2014 | CHAR(4) | number | 4 |
| Payment_Publication_Date | The predefined date when the payment or other transfer of value is scheduled to be published | 06/30/2015 | DATE | DATE MM/DD /YYYY | 12 |

Open Payments Methodology Overview & Data Dictionary

Appendix C: Research Payments Detail

Figure C.1: Research Payment File Attributes

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-------------|--|-------------|--------------|--------|------------|
| Change_Type | <p>Indicator showing if the payment record is New, Added, Modified, or Unchanged in the current publication compared to the previous publication.</p> <p>NEW - Payment record was reported to the Open Payments system between the previous calendar year submission end date and current closing date and is being published for the first time in the current publication</p> <p>ADD - Payment record was reported to the Open Payments system before the previous calendar year submission end date but was not eligible to be published in the prior publication; the record is being published for the first time in the current publication</p> <p>CHANGED - Payment record was published in the last publication and has since been changed, which may include changes in the record's dispute status; the record is being published in the current publication in its changed form</p> <p>UNCHANGED - Payment record was published in the last publication and is republished in the current publication without changes</p> | NEW | VARCHAR2(20) | String | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|----------------------------------|--|-------------------------------------|---------------|--------|------------|
| Covered_Recipient_Type | Indicator showing if recipient of the payment or other transfer of value is a physician covered recipient, teaching hospital covered recipient, non-covered recipient entity or non-covered recipient individual | Covered Recipient Teaching Hospital | VARCHAR2(50) | string | 50 |
| Teaching_Hospital_CCN | A unique identifying number (CMS Certification Number) of the Teaching Hospital receiving the payment or other transfer of value | 330024 | VARCHAR2(06) | string | 6 |
| Noncovered_Recipient_Entity_Name | The name of the non-covered recipient entity receiving the payment or other transfer of value | EDCBA Corporation | VARCHAR2(50) | string | 50 |
| Teaching_Hospital_ID | Open Payments system-generated unique identifier of the teaching hospital receiving the payment or other transfer of value | 1000000999 | NUMBER(38,0) | number | 38 |
| Teaching_Hospital_Name | The name of the teaching hospital receiving the payment or other transfer of value – the name displayed is as listed in the CMS teaching hospital list | Healthy Heart Hospital | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|---------------------|--------------|--------|------------|
| Physician_Profile_ID | Open Payments system-generated unique identifier for physician profile receiving the payment or other transfer of value | 1000000378 | NUMBER(38,0) | number | 38 |
| Physician_First_Name | First name of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | John | VARCHAR2(20) | string | 20 |
| Physician_Middle_Name | Middle name of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | A | VARCHAR2(20) | string | 20 |
| Physician_Last_Name | Last name of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | Smith | VARCHAR2(35) | string | 35 |
| Physician_Name_Suffix | Name suffix of the physician (covered recipient) receiving the payment or other transfer of value, as reported by the submitting entity | III | VARCHAR2(5) | string | 5 |
| Recipient_Primary_Business_Street_Address_Line1 | The first line of the primary business street address of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|-------------|--------------|---------------|------------|
| Recipient_Primary_Business_Street_Address_Line2 | The second line of the primary business street address of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value | Suite 100 | VARCHAR2(55) | string | 55 |
| Recipient_City | The primary practice/business address city of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value | Baltimore | VARCHAR2(40) | string | 40 |
| Recipient_State | The state or territory abbreviation of the primary business address of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value if the primary business address is in the United States | MD | CHAR(2) | string | 2 |
| Recipient_Zip_Code | The 9-digit zip code for the primary business location of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value if the primary practice address is in the United States | 21244-3712 | VARCHAR2(10) | number-number | 10 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|------------------------|--|---------------------------|---------------|--------|------------|
| Recipient_Country | The primary practice/business address country of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value if the primary practice address is in the United States | US | VARCHAR2(100) | string | 100 |
| Recipient_Province | The primary practice/business province name of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value, if the primary practice/business address is outside the United States, and if applicable | Manitoba | VARCHAR2(20) | string | 20 |
| Recipient_Postal_Code | The international postal code for the primary business location of the physician or teaching hospital or non-covered recipient entity receiving the payment or other transfer of value if the primary business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Physician_Primary_Type | Primary type name of medicine practiced by the physician covered recipient | Doctor of Osteopathy (DO) | VARCHAR2(50) | string | 50 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-------------------------------|---|-------------|---------------|--------|------------|
| Physician_Specialty | Physician's single specialty chosen from the standardized "provider taxonomy" code list | 208D00000X | VARCHAR2(300) | string | 300 |
| Physician_License_State_code1 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MD | CHAR(2) | string | 2 |
| Physician_License_State_code2 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | CA | CHAR(2) | string | 2 |
| Physician_License_State_code3 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | TX | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--------------------------------------|---|-------------|--------------|--------|------------|
| Physician_License_State_code4 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | VA | CHAR(2) | string | 2 |
| Physician_License_State_code5 | The state license number of the covered recipient physician, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MA | CHAR(2) | string | 2 |
| Principal_Investigator_1_Profile_ID | An Open Payments system-generated unique identifier for principal investigator profile after validation | 3843332 | NUMBER(38,0) | number | 38 |
| Principal_Investigator_1_First_Name | First name of the principal investigator associated with the payment or other transfer of value | John | VARCHAR2(20) | string | 20 |
| Principal_Investigator_1_Middle_Name | Middle name of the principal investigator associated with the payment or other transfer of value | A | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|---------------------|--------------|--------|------------|
| Principal_Investigator_1_Last_Name | Last name of the principal investigator associated with the payment or other transfer of value | Smith | VARCHAR2(35) | string | 35 |
| Principal_Investigator_1_Name_Suffix_ | Name suffix of the principal investigator associated with the payment or other transfer of value | III | VARCHAR2(5) | string | 5 |
| Principal_Investigator_1_Business_Street_Address_Line_1 | The first line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |
| Principal_Investigator_1_Business_Street_Address_Line_2 | The second line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | Suite 100 | VARCHAR2(55) | string | 55 |
| Principal_Investigator_1_City | The primary practice/business city of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | Baltimore | VARCHAR2(40) | string | 40 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-----------------------------------|--|---------------|---------------|---------------|------------|
| Principal_Investigator_1_State | The primary practice/business state or territory abbreviation of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | MD | CHAR(2) | string | 2 |
| Principal_Investigator_1_Zip_Code | The 9-digit zip code for the primary business location of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | 21244-3712 | VARCHAR2(10) | number-number | 10 |
| Principal_Investigator_1_Country | The primary practice/business address country name of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | United States | VARCHAR2(100) | string | 100 |
| Principal_Investigator_1_Province | The primary practice/business province name of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States, and if applicable | Manitoba | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|--|---------------|--------|------------|
| Principal_Investigator_1_Postal_Code | The international postal code for the primary practice/business location of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Principal_Investigator_1_Primary_Type | Primary type name of medicine practiced by the principal investigator | Medical Doctor | VARCHAR2(50) | string | 50 |
| Principal_Investigator_1_Specialty | Principal investigator's single specialty chosen from the standardized "provider taxonomy" code list | Allopathic & Osteopathic Physicians/ Independent Medical Examiner | VARCHAR2(300) | string | 300 |
| Principal_Investigator_1_License_State_code1 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MD | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|-----------|--------|------------|
| Principal_Investigator_1_License_State_code2 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | VA | CHAR(2) | string | 2 |
| Principal_Investigator_1_License_State_code3 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | ME | CHAR(2) | string | 2 |
| Principal_Investigator_1_License_State_code4 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | NY | CHAR(2) | string | 2 |
| Principal_Investigator_1_License_State_code5 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MI | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|---------------------|--------------|--------|------------|
| Principal_Investigator_2_Profile_ID | An Open Payments system-generated unique identifier for principal investigator profile after validation | 3843342 | NUMBER(38,0) | number | 38 |
| Principal_Investigator_2_First_Name | First name of the principal investigator associated with the payment or other transfer of value, as reported by the submitting entity | John | VARCHAR2(20) | string | 20 |
| Principal_Investigator_2_Middle_Name | Middle name of the principal investigator associated with the payment or other transfer of value, as reported by the submitting entity | A | VARCHAR2(20) | string | 20 |
| Principal_Investigator_2_Last_Name | Last name of the principal investigator associated with the payment or other transfer of value, as reported by the submitting entity | Smith | VARCHAR2(35) | string | 35 |
| Principal_Investigator_2_Name_Suffix | Name suffix of the principal investigator associated with the payment or other transfer of value, as reported by the submitting entity | III | VARCHAR2(5) | string | 5 |
| Principal_Investigator_2_Business_Street_Address_Line_1 | The first line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|-------------|--------------|---------------|------------|
| Principal_Investigator_2_Business_Street_Address_Line 2 | The second line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | Suite 100 | VARCHAR2(55) | string | 55 |
| Principal_Investigator_2_City | The primary practice/business city of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | Baltimore | VARCHAR2(40) | string | 40 |
| Principal_Investigator_2_State | The primary practice/business state or territory abbreviation of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | MD | CHAR(2) | string | 2 |
| Principal_Investigator_2_Zip_Code | The 9-digit zip code for the primary business location of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | 21244-3712 | VARCHAR2(10) | number-number | 10 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---------------------------------------|--|----------------|---------------|--------|------------|
| Principal_Investigator_2_Country | The primary practice/business address country name of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | United States | VARCHAR2(100) | string | 100 |
| Principal_Investigator_2_Province | The primary practice/business province name of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States, and if applicable | Manitoba | VARCHAR2(20) | string | 20 |
| Principal_Investigator_2_Postal_Code | The international postal code for the primary practice/business location of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Principal_Investigator_2_Primary_Type | Primary type name of medicine practiced by the principal investigator | Medical Doctor | VARCHAR2(50) | string | 50 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|--|---------------|--------|------------|
| Principal_Investigator_2_Specialty | Principal investigator's single specialty chosen from the standardized "provider taxonomy" code list | Allopathic & Osteopathic Physicians/ Independent Medical Examiner | VARCHAR2(300) | string | 300 |
| Principal_Investigator_2_License_State_code1 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MD | CHAR(2) | string | 2 |
| Principal_Investigator_2_License_State_code2 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | VA | CHAR(2) | string | 2 |
| Principal_Investigator_2_License_State_code3 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | TX | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|--------------|--------|------------|
| Principal_Investigator_2_License_State_code4 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | CA | CHAR(2) | string | 2 |
| Principal_Investigator_2_License_State_code5 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | AL | CHAR(2) | string | 2 |
| Principal_Investigator_3_Profile_ID | An Open Payments system-generated unique identifier for principal investigator profile after validation | 3843347 | NUMBER(38,0) | number | 38 |
| Principal_Investigator_3_First_Name | First name of the principal investigator associated with the payment or other transfer of value | John | VARCHAR2(20) | string | 20 |
| Principal_Investigator_3_Middle_Name | Middle name of the principal investigator associated with the payment or other transfer of value | A | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|---------------------|--------------|--------|------------|
| Principal_Investigator_3_Last_Name | Last name of the principal investigator associated with the payment or other transfer of value | Smith | VARCHAR2(35) | string | 35 |
| Principal_Investigator_3_Name_Suffix | Name suffix of the principal investigator associated with the payment or other transfer of value | III | VARCHAR2(5) | string | 5 |
| Principal_Investigator_3_Business_Street_Address_Line_1 | The first line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |
| Principal_Investigator_3_Business_Street_Address_Line_2 | The second line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | Suite 100 | VARCHAR2(55) | string | 55 |
| Principal_Investigator_3_City | The primary practice/business city of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | Baltimore | VARCHAR2(40) | string | 40 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-----------------------------------|--|---------------|---------------|---------------|------------|
| Principal_Investigator_3_State | The primary practice/business state or territory abbreviation of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | MD | CHAR(2) | string | 2 |
| Principal_Investigator_3_Zip_Code | The 9-digit zip code for the primary business location of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | 21244-3712 | VARCHAR2(10) | number-number | 10 |
| Principal_Investigator_3_Country | The primary practice/business address country name of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | United States | VARCHAR2(100) | string | 100 |
| Principal_Investigator_3_Province | The primary practice/business province name of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States, and if applicable | Manitoba | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|--|---------------|--------|------------|
| Principal_Investigator_3_Postal_Code | The international postal code for the primary practice/business location of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Principal_Investigator_3_Primary_Type | Primary type name of medicine practiced by the principal investigator | Medical Doctor | VARCHAR2(50) | string | 50 |
| Principal_Investigator_3_Specialty | Principal investigator's single specialty chosen from the standardized "provider taxonomy" code list | Allopathic & Osteopathic Physicians/ Independent Medical Examiner | VARCHAR2(300) | string | 300 |
| Principal_Investigator_3_License_State_code1 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MD | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|-----------|--------|------------|
| Principal_Investigator_3_License_State_code2 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | VA | CHAR(2) | string | 2 |
| Principal_Investigator_3_License_State_code3 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | CA | CHAR(2) | string | 2 |
| Principal_Investigator_3_License_State_code4 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | TX | CHAR(2) | string | 2 |
| Principal_Investigator_3_License_State_code5 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | AL | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|---------------------|--------------|--------|------------|
| Principal_Investigator_4_Profile_ID | An Open Payments system-generated unique identifier for principal investigator profile after validation | 3843347 | NUMBER(38,0) | number | 38 |
| Principal_Investigator_4_First_Name | First name of the principal investigator associated with the payment or other transfer of value | John | VARCHAR2(20) | string | 20 |
| Principal_Investigator_4_Middle_Name | Middle name of the principal investigator associated with the payment or other transfer of value | A | VARCHAR2(20) | string | 20 |
| Principal_Investigator_4_Last_Name | Last name of the principal investigator associated with the payment or other transfer of value | Smith | VARCHAR2(35) | string | 35 |
| Principal_Investigator_4_Name_Suffix | Name suffix of the principal investigator associated with the payment or other transfer of value | III | VARCHAR2(5) | string | 5 |
| Principal_Investigator_4_Business_Street_Address_Line_1 | The first line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|--------------|---------------|------------|
| Principal_Investigator_4_Business_Street_Address_Line 2 | The second line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | Suite 100 | VARCHAR2(55) | string | 55 |
| Principal_Investigator_4_City | The primary practice/business city of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | Baltimore | VARCHAR2(40) | string | 40 |
| Principal_Investigator_4_State | The primary practice/business state or territory abbreviation of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | MD | CHAR(2) | string | 2 |
| Principal_Investigator_4_Zip_Code | The 9-digit zip code for the primary business location of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | 21244-3712 | VARCHAR2(10) | number-number | 10 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---------------------------------------|--|----------------|---------------|--------|------------|
| Principal_Investigator_4_Country | The primary practice/business address country name of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | United States | VARCHAR2(100) | string | 100 |
| Principal_Investigator_4_Province | The primary practice/business province name of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States, and if applicable | Manitoba | VARCHAR2(20) | string | 20 |
| Principal_Investigator_4_Postal_Code | The international postal code for the primary practice/business location of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Principal_Investigator_4_Primary_Type | Primary type name of medicine practiced by the principal investigator | Medical Doctor | VARCHAR2(50) | string | 50 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|--|---------------|--------|------------|
| Principal_Investigator_4_Specialty | Principal investigator's single specialty chosen from the standardized "provider taxonomy" code list | Allopathic & Osteopathic Physicians/ Independent Medical Examiner | VARCHAR2(300) | string | 300 |
| Principal_Investigator_4_License_State_code1 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MD | CHAR(2) | string | 2 |
| Principal_Investigator_4_License_State_code2 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | VA | CHAR(2) | string | 2 |
| Principal_Investigator_4_License_State_code3 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | CA | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|--------------|--------|------------|
| Principal_Investigator_4_License_State_code4 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | TX | CHAR(2) | string | 2 |
| Principal_Investigator_4_License_State_code5 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | AL | CHAR(2) | string | 2 |
| Principal_Investigator_5_Profile_ID | An Open Payments- system-generated unique identifier for principal investigator profile after validation | 3843347 | NUMBER(38,0) | number | 38 |
| Principal_Investigator_5_First_Name | First name of the principal investigator associated with the payment or other transfer of value | John | VARCHAR2(20) | string | 20 |
| Principal_Investigator_5_Middle_Name | Middle name of the principal investigator associated with the payment or other transfer of value | A | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|---------------------|--------------|--------|------------|
| Principal_Investigator_5_Last_Name | Last name of the principal investigator associated with the payment or other transfer of value | Smith | VARCHAR2(35) | string | 35 |
| Principal_Investigator_5_Name_Suffix | Name suffix of the principal investigator associated with the payment or other transfer of value | III | VARCHAR2(5) | string | 5 |
| Principal_Investigator_5_Business_Street_Address_Line_1 | The first line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |
| Principal_Investigator_5_Business_Street_Address_Line_2 | The second line of the primary practice/business street address of the principal investigator associated with the payment or other transfer of value | Suite 100 | VARCHAR2(55) | string | 55 |
| Principal_Investigator_5_City | The primary practice/business city of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | Baltimore | VARCHAR2(40) | string | 40 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-----------------------------------|--|---------------|---------------|---------------|------------|
| Principal_Investigator_5_State | The primary practice/business state or territory abbreviation of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | MD | CHAR(2) | string | 2 |
| Principal_Investigator_5_Zip_Code | The 9-digit zip code for the primary business location of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | 21244-3712 | VARCHAR2(10) | number-number | 10 |
| Principal_Investigator_5_Country | The primary practice/business address country name of the principal investigator associated with the payment or other transfer of value if the primary practice address is in the United States | United States | VARCHAR2(100) | string | 100 |
| Principal_Investigator_5_Province | The primary practice/business province name of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States, and if applicable | Manitoba | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|--|---------------|--------|------------|
| Principal_Investigator_5_Postal_Code | The international postal code for the primary practice/business location of the principal investigator associated with the payment or other transfer of value, if the primary practice/business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Principal_Investigator_5_Primary_Type | Primary type name of medicine practiced by the principal investigator | Medical Doctor | VARCHAR2(50) | string | 50 |
| Principal_Investigator_5_Specialty | Principal investigator's single specialty chosen from the standardized "provider taxonomy" code list | Allopathic & Osteopathic Physicians/ Independent Medical Examiner | VARCHAR2(300) | string | 300 |
| Principal_Investigator_5_License_State_code1 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | MD | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|-----------|--------|------------|
| Principal_Investigator_5_License_State_code2 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | VA | CHAR(2) | string | 2 |
| Principal_Investigator_5_License_State_code3 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | CA | CHAR(2) | string | 2 |
| Principal_Investigator_5_License_State_code4 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | TX | CHAR(2) | string | 2 |
| Principal_Investigator_5_License_State_code5 | The state license number of the principal investigator, which is a 2-letter state abbreviation; the record may include up to 5 physician license states, if a physician is licensed in multiple states | AL | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|----------------------------|---------------|--------|------------|
| Submitting_Applicable_Manufacturer_or_Applicable_GPO_Name | Textual proper name of either the submitting applicable manufacturer or applicable GPO | ABCDE Manufacturin g | VARCHAR2(100) | string | 100 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_ID | Open Payments system-generated unique identifier of the applicable manufacturer or applicable GPO making the payment or other transfer of value | 1000000049 | NUMBER(38,0) | number | 38 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_Name | Textual proper name of the applicable manufacturer or applicable GPO making the payment or other transfer of value | ABCDE Manufacturin g | VARCHAR2(100) | string | 100 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_State | State name of the submitting applicable manufacturer or applicable GPO | VA | CHAR(2) | string | 2 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_Country | Country name of the applicable manufacturer or applicable GPO | United States | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|------------------|---------------|--------|------------|
| Product_Indicator | Indicator that allows the applicable manufacturer or applicable GPO to select whether the payment or other transfer of value is associated with only covered drugs, devices, biologicals or medical supplies ("Covered"), only non-covered drugs, devices, biologicals, or medical supplies ("Non-covered"), neither covered or non-covered drugs, devices, biologicals or medical supplies ("None"), or both covered and/or non-covered drugs, devices, biologicals or medical supplies ("Covered" or "Combination") | Covered | VARCHAR2(50) | string | 50 |
| Name_of_Associated_Covered_Drug_or_Biological1 | The marketed name of the drug or biological associated with this payment or other transfer of value; may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 1 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Drug_or_Biological2 | The marketed name of the drug or biological associated with this payment or other transfer of value; may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 2 | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|------------------|---------------|--------|------------|
| Name_of_Associated_Covered_Drug_or_Biological3 | The marketed name of the drug or biological associated with this payment or other transfer of value; may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 3 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Drug_or_Biological4 | The marketed name of the drug or biological associated with this payment or other transfer of value; may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 4 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Drug_or_Biological5 | The marketed name of the drug or biological associated with this payment or other transfer of value; may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Drug 5 | VARCHAR2(100) | string | 100 |
| NDC_of_Associated_Covered_Drug_or_Biological1 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|-----------------|---------------|--------|------------|
| NDC_of_Associated_Covered_Drug_or_Biological2 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| NDC_of_Associated_Covered_Drug_or_Biological3 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| NDC_of_Associated_Covered_Drug_or_Biological4 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| NDC_of_Associated_Covered_Drug_or_Biological5 | The National Drug Code, if any, of the drug or biological associated with the payment or other transfer of value (if applicable); the record may report up to 5 codes | 3698727262 | VARCHAR2(12) | string | 12 |
| Name_of_Associated_Covered_Device_or_Medical_Supply1 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 1 | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|-----------------|---------------|--------|------------|
| Name_of_Associated_Covered_Device_or_Medical_Supply2 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 2 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Device_or_Medical_Supply3 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 3 | VARCHAR2(100) | string | 100 |
| Name_of_Associated_Covered_Device_or_Medical_Supply4 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 4 | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|---|----------------------------|---------------|--------------------|------------|
| Name_of_Associated_Covered_Device_or_Medical_Supply5 | The marketed name of the device or medical supply associated with this payment or other transfer of value; the record may report the marketed name of up to 5 covered products (drugs, devices, biologicals, or medical supplies) | Sample Device 5 | VARCHAR2(100) | string | 100 |
| Total_Amount_of_Payment_USDollars | US dollar amount of payment or other transfer of value to recipient (manufacturer must convert to dollar currency if necessary) | 1978.00 | NUMBER(12,2) | decimal | 12 |
| Date_of_Payment | If a singular payment, then this is the actual date the payment was issued; if a series of payments or an aggregated set of payments, this is the date of the first payment to the covered recipient in this program year | 04/01/2013 | DATE | Date MM/DD/YYYY | 12 |
| Form_of_Payment_or_Transfer_of_Value | The method of payment used to pay the covered recipient or to make the transfer of value | In-kind items and services | VARCHAR2(100) | string | 100 |
| Expenditure_Category1 | Contextual category for this research payment or other transfer of value (up to 6) | Patient Care | VARCHAR2(50) | string | 50 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--------------------------------|---|--------------|--------------|--------|------------|
| Expenditure_Category2 | Contextual category for this research payment or other transfer of value (up to 6) | Patient Care | VARCHAR2(50) | string | 50 |
| Expenditure_Category3 | Contextual category for this research payment or other transfer of value (up to 6) | Patient Care | VARCHAR2(50) | string | 50 |
| Expenditure_Category4 | Contextual category for this research payment or other transfer of value (up to 6) | Patient Care | VARCHAR2(50) | string | 50 |
| Expenditure_Category5 | Contextual category for this research payment or other transfer of value (up to 6) | Patient Care | VARCHAR2(50) | string | 50 |
| Expenditure_Category6 | Contextual category for this research payment or other transfer of value (up to 6) | Patient Care | VARCHAR2(50) | string | 50 |
| Preclinical_Research_Indicator | Indicator showing if payment or other transfer of value is related to research, which is pre-clinical | Yes | CHAR(3) | string | 3 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--------------------------------|--|---------------------------------|---------------|--------|------------|
| Delay_in_Publication_Indicator | Indicator showing if an applicable manufacturer or applicable GPO is requesting a delay in publication of a payment or other transfer of value when the payment or other transfer of value is made in connection with: (1) research on or development of a new product (drug, device, biological, or medical supply) or (2) clinical investigation regarding a new product (drug, device, biological, or medical supply) | No | CHAR(3) | string | 3 |
| Name_of_Study | The textual name of the study for which the covered recipient is receiving this payment or other transfer of value | A Comparison of the Heart | VARCHAR2(500) | string | 500 |
| Dispute_Status_for_Publication | Indicates whether the payment or other transfer of value is disputed by the covered recipient or not | Yes | CHAR(3) | string | 3 |
| Record_ID | Open Payments system-generated unique identifier of the research transaction at the time of submission | 10000000002 3 | NUMBER(38,0) | number | 38 |
| Program_Year | The year in which the payment occurred, as reported by submitting entity | 2014 | CHAR(4) | number | 4 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-------------------------------|---|---|----------------|------------------------|------------|
| Payment_Publication_Date | The predefined date when the payment or other transfer of value is scheduled to be published | 06/30/2015 | DATE | Date MM/DD /YYYY | 12 |
| ClinicalTrials_Gov_Identifier | Open Payments identifier assigned if research study is registered on https://clinicaltrials.gov | NCT2149863 1 | VARCHAR2(11) | string | 11 |
| Research_Information_Link | Optional link to information relevant to the research study for which this payment or other transfer of value is being reported (there can be a maximum of five links reported) | Research | VARCHAR2(2083) | string | 2083 |
| Context_of_Research | Textual description of research context or research objectives | Objective is new designs for heart valve replacements | VARCHAR2(500) | string | 500 |

Appendix D: Physician Ownership Information Detail

Figure D.1: Physician Ownership Information File Attributes

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-------------|--|-------------|--------------|--------|------------|
| Change_Type | <p>Indicator showing if the payment record is New, Added, Modified, or Unchanged in the current publication compared to the previous publication.</p> <p>NEW - Payment record was reported to the Open Payments system between the previous calendar year submission end date and current closing date and is being published for the first time in the current publication</p> <p>ADD - Payment record was reported to the Open Payments system before the previous calendar year submission end date but was not eligible to be published in the prior publication; the record is being published for the first time in the current publication</p> <p>CHANGED - Payment record was published in the last publication and has since been changed, which may include changes in the record’s dispute status; the record is being published in the current publication in its changed form</p> <p>UNCHANGED - Payment record was published in the last publication and is republished in the current publication without changes</p> | NEW | VARCHAR2(20) | String | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|---------------------|--------------|--------|------------|
| Physician_Profile_ID | Open Payments system-generated unique identifier for physician profile with the ownership or investment interest being reported | 1000000378 | NUMBER(38,0) | number | 38 |
| Physician_First_Name | First name of the physician (covered recipient) with the ownership or investment interest being reported | John | VARCHAR2(20) | string | 20 |
| Physician_Middle_Name | Middle name of the physician (covered recipient) with the ownership or investment interest being reported | A | VARCHAR2(20) | string | 20 |
| Physician_Last_Name | Last name of the physician (covered recipient) with the ownership or investment interest being reported | Smith | VARCHAR2(35) | string | 35 |
| Physician_Name_Suffix | Name suffix of the physician (covered recipient) with the ownership or investment interest being reported | Jr. | VARCHAR2(5) | string | 5 |
| Recipient_Primary_Business_Street_Address_Line1 | The first line of the primary practice street address of the physician with the ownership or investment interest being reported | 7500 Security Blvd. | VARCHAR2(55) | string | 55 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|-------------|---------------|---------------|------------|
| Recipient_Primary_Business_Street_Address_Line2 | The second line of the primary practice street address of the physician with the ownership or investment interest being reported | Suite 100 | VARCHAR2(55) | string | 55 |
| Recipient_City | The primary practice city of the physician with the ownership or investment interest being reported | Baltimore | VARCHAR2(40) | string | 40 |
| Recipient_State | The primary practice/business state or territory abbreviation of the of the physician with the ownership or investment interest being reported, if the primary practice/business address is in the United States | MD | CHAR(2) | string | 2 |
| Recipient_Zip_Code | The 9-digit zip code for the primary practice location of the physician with the ownership or investment interest being reported, if the primary practice address is in the United States | 21244-3712 | VARCHAR2(10) | number-number | 10 |
| Recipient_Country | The primary practice/business address country name of the physician with the ownership or investment interest being reported | US | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|------------------------|---|---------------------------|---------------|--------|------------|
| Recipient_Province | The primary practice/business province name of the physician with the ownership or investment interest being reported, if the primary practice/business address is outside the United States, and if applicable | Ontario | VARCHAR2(20) | string | 20 |
| Recipient_Postal_Code | The international postal code for the primary practice/business location of the physician with the ownership or investment interest being reported, if the primary practice/business address is outside the United States | 5600098 | VARCHAR2(20) | string | 20 |
| Physician_Primary_Type | Primary type of medicine practiced by the physician covered recipient with the ownership or investment interest being reported | Doctor of Dentistry (DDS) | VARCHAR2(50) | string | 50 |
| Physician_Specialty | Physician's single specialty chosen from the standardized "provider taxonomy" code list | 208D00000X | VARCHAR2(300) | string | 300 |
| Record_ID | Open Payments system-generated unique identifier for the ownership payment record | | NUMBER(38,0) | number | 38 |
| Program_Year | The year in which the ownership/investment interest occurred | 2014 | CHAR(4) | number | 4 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|---|--------------------------------|---------------|---------|------------|
| Total_Amount_Invested_USDollars | The dollar amount the physician or immediate family member has invested in the applicable manufacturer or applicable GPO during the program year, in US dollars | 6000.22 | NUMBER(12,2) | decimal | 12 |
| Value_of_Interest | The cumulative value of ownership or investment interest held by the physician or immediate family member in the applicable manufacturer or applicable GPO, in US dollars | 6000.22 | NUMBER(12,2) | decimal | 12 |
| Terms_of_Interest | Description of any applicable terms of the ownership or investment interest | Terms of interest are standard | VARCHAR2(500) | string | 500 |
| Submitting_Applicable_Manufacturer_or_Applicable_GPO_Name | Textual proper name of either the submitting applicable manufacturer or applicable GPO | ABCDE Manufacturin g | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|--------------------|---------------|--------|------------|
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_ID | Open Payments ID of either the submitting applicable manufacturer or applicable GPO | 1000000049 | NUMBER(38,0) | number | 38 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_Name | Textual proper name of either the submitting applicable manufacturer or applicable GPO | EDCBA Logistics | VARCHAR2(100) | string | 100 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_State | State name of either the submitting applicable manufacturer or applicable GPO | VA | CHAR(2) | string | 2 |
| Applicable_Manufacturer_or_Applicable_GPO_Making_Payment_Country | Country name of the submitting applicable manufacturer or applicable GPO | US | VARCHAR2(100) | string | 100 |
| Dispute_Status_for_Publication | Indicates whether the ownership or investment interest is disputed by the physician | Yes | CHAR(3) | string | 3 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------------------|--------------|--------------------|------------|
| Interest_Held_by_Physician_or_an_Immediate_Family_Member | Indicator showing if the ownership or investment interest is held by the physician themselves or by an immediate family member | Immediate family member | VARCHAR2(50) | string | 50 |
| Payment_Publication_Date | The predefined date when the ownership or investment interest is scheduled to be published | 06/30/2015 | DATE | Date MM/DD/YYYY | 12 |

Appendix E: Deleted and Removed Records File

Figure E.1: Deleted Records File

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--------------|---|-------------|--------------|--------|------------|
| Change_Type | Indicator showing if the payment record is deleted or removed in the current publication compared to the previous publication. DELETED - Payment record was published in the last publication and since then it was deleted by the reporting entity and the payment record no longer exists in the Open Payments system REMOVED - Payment record was published in the last publication, since then it became ineligible for publication | DELETED | VARCHAR2(20) | string | 20 |
| Program_Year | Indicator showing the program year of the deleted or removed record. | 2013 | CHAR(4) | number | 4 |
| Payment_Type | Indicator showing the payment category (General Payment, Research Payment, or Ownership/Investment) of the deleted or removed record | General | VARCHAR2(50) | string | 50 |
| Record_ID | Open Payments system-generated unique identifier assigned to the record at the time of submission | 13641 | NUMBER(38,0) | number | 38 |

Appendix F: Physician Profile Supplement File

Figure F.1: Physician Profile Supplement File

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-------------------------------|---|-------------|--------------|--------|------------|
| Physician_Profile_ID | Open Payments system-generated unique identifier for the physician receiving the payment or other transfer of value | 3843322 | NUMBER(38,0) | number | 38 |
| Physician_Profile_First_Name | The physician's first name as provided in CMS physician reference data For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the first name as verified against the external data source | CONRAD | VARCHAR2(20) | string | 20 |
| Physician_Profile_Middle_Name | The physician's middle name as provided in CMS physician reference data For physicians who are not in CMS physician reference data but were matched against the CMS-approved external data source, the middle name is the middle name most frequently reported by reporting entities in the latest year records were submitted that identify the physician | MICHELL | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|--------------|--------|------------|
| Physician_Profile_Last_Name | <p>The physician's last name as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the last name as verified against the external data source</p> | KELLY | VARCHAR2(35) | string | 35 |
| Physician_Profile_Suffix | <p>The physician's suffix as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the suffix is the suffix most frequently reported by reporting entities in the latest year records were submitted that identify the physician</p> | Jr | VARCHAR2(5) | string | 5 |
| Physician_Profile_Alternate_First_Name | <p>The physician's alternate first name as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the alternate first name as verified against the external data source</p> | CONRAD | VARCHAR2(20) | string | 20 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|-------------|--------------|--------|------------|
| Physician_Profile_Alternate_Middle_Name | <p>The physician’s alternate middle name as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the alternate middle name field is empty</p> | MIKE | VARCHAR2(20) | string | 20 |
| Physician_Profile_Alternate_Last_Name | <p>The physician’s alternate last name as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the alternate last name field is empty</p> | KELL | VARCHAR2(35) | string | 35 |
| Physician_Profile_Alternate_Suffix | <p>The physician’s alternate suffix as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the alternate suffix field is empty</p> | Jr | VARCHAR2(5) | string | 5 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|----------------------------------|--|-------------------------|--------------|--------|------------|
| Physician_Profile_Address_Line_1 | <p>The first line of the latest “Provider Business Practice Location Address” as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the first line of the latest “Provider Business Practice Location Address” most frequently reported by reporting entities in the latest year records were submitted that identify the physician</p> | 3106 Lord Baltimore Dr. | VARCHAR2(55) | string | 55 |
| Physician_Profile_Address_Line_2 | <p>The second line of the latest “Provider Business Practice Location Address” as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the second line of the latest “Provider Business Practice Location Address” most frequently reported by reporting entities in the latest year records were submitted that identify the physician</p> | | VARCHAR2(55) | string | 55 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|-------------------------|--|---------------|--------------|--------|------------|
| Physician_Profile_City | <p>The city of the latest “Provider Business Practice Location Address” as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the city of the latest “Provider Business Practice Location Address” most frequently reported by reporting entities in the latest year records were submitted that identify the physician</p> | Ellicott City | VARCHAR2(40) | string | 40 |
| Physician_Profile_State | <p>The state of the latest “Provider Business Practice Location Address” as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the state of the latest “Provider Business Practice Location Address” most frequently reported by reporting entities in the latest year records were submitted that identify the physician</p> | MD | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--------------------------------|--|---------------|---------------|---------------|------------|
| Physician_Profile_Zipcode | <p>The zip code of the latest “Provider Business Practice Location Address” as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the zip code of the latest “Provider Business Practice Location Address” most frequently reported by reporting entities in the latest year records were submitted that identify the physician</p> | 21244-3712 | VARCHAR2(10) | number-number | 10 |
| Physician_Profile_Country_Name | <p>The country of the latest “Provider Business Practice Location Address” as provided in CMS physician reference data</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the country of the latest “Provider Business Practice Location Address” most frequently reported by reporting entities in the latest year records were submitted that identify the physician</p> | United States | VARCHAR2(100) | string | 100 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|---|--|---|---------------|--------|------------|
| Physician_Profile_Province _Name | <p>The province of the latest “Provider Business Practice Location Address” as provided in CMS physician reference data if the primary practice/business address is outside the United States and if applicable</p> <p>For physicians who are not in CMS physician reference data but were successfully matched against the CMS-approved external data source, the province of the latest “Provider Business Practice Location Address” most frequently reported by reporting entities in the latest year records were submitted that identify the physician if the primary practice/business address is outside the United States and if applicable</p> | | VARCHAR2(20) | string | 20 |
| Physician_Profile_Primary_ Specialty | <p>The primary specialty as listed in CMS physician reference data for physicians who have a valid Open Payments primary taxonomy</p> <p>For all other physicians, the primary specialty displayed as blank</p> | Allopathic & Osteopathic Physicians Internal Medicine Rheumatology | VARCHAR2(300) | string | 300 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|----------------------------------|---|-------------|--------------|--------|------------|
| Physician_Profile_OPS_Taxonomy_1 | <p>The primary Open Payments valid taxonomy code as listed in CMS physician reference data for physicians that have a valid Open Payments taxonomy</p> <p>For physicians in CMS physician reference data who do not have a valid Open Payments taxonomy, this field is blank.</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and have a valid Open Payments taxonomy, this field will display the taxonomy most frequently reported by reporting entities as the primary taxonomy</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and who do not have a valid Open Payments taxonomy, this field will be blank</p> | 207ZN0500X | VARCHAR2(10) | string | 10 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|----------------------------------|--|-------------|--------------|--------|------------|
| Physician_Profile_OPS_Taxonomy_2 | <p>The secondary Open Payments valid taxonomy code as listed in CMS physician reference data for physicians that have a valid Open Payments taxonomy</p> <p>For physicians in CMS physician reference data who do not have a valid Open Payments taxonomy, this field is blank.</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and also have a valid Open Payments taxonomy, this field will display the taxonomy most frequently reported by reporting entities as the secondary taxonomy</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and who do not have a valid Open Payments taxonomy, this field will be blank</p> | 2080B0002X | VARCHAR2(10) | string | 10 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|----------------------------------|--|-------------|--------------|--------|------------|
| Physician_Profile_OPS_Taxonomy_3 | <p>The secondary Open Payments valid taxonomy code as listed in CMS physician reference data for physicians that have a valid Open Payments taxonomy</p> <p>For physicians in CMS physician reference data who do not have a valid Open Payments taxonomy, this field is blank.</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and also have a valid Open Payments taxonomy, this field will display the taxonomy most frequently reported by reporting entities as the secondary taxonomy</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and who do not have a valid Open Payments taxonomy, this field will be blank</p> | 111NT0100X | VARCHAR2(10) | string | 10 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|----------------------------------|--|-------------|--------------|--------|------------|
| Physician_Profile_OPS_Taxonomy_4 | <p>The secondary Open Payments valid taxonomy code as listed in CMS physician reference data for physicians that have a valid Open Payments taxonomy</p> <p>For physicians in CMS physician reference data who do not have a valid Open Payments taxonomy, this field is blank.</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and also have a valid Open Payments taxonomy, this field will display the taxonomy most frequently reported by reporting entities as the secondary taxonomy</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and who do not have a valid Open Payments taxonomy, this field will be blank</p> | 1223P0221X | VARCHAR2(10) | string | 10 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|--------------|--------|------------|
| Physician_Profile_OPS_Taxonomy_5 | <p>The secondary Open Payments valid taxonomy code as listed in CMS physician reference data for physicians that have a valid Open Payments taxonomy</p> <p>For physicians in CMS physician reference data who do not have a valid Open Payments taxonomy, this field is blank.</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and also have a valid Open Payments taxonomy, this field will display the taxonomy most frequently reported by reporting entities as the secondary taxonomy</p> <p>For physicians not in CMS physician reference data but matched against the CMS-approved external data source, and who do not have a valid Open Payments taxonomy, this field will be blank</p> | 152WL0500X | VARCHAR2(10) | string | 10 |
| Physician_Profile_License_State_Code_1 | <p>The state in which the physician is licensed according to the physician's profile in Open Payments system</p> <p>The physician's profile may contain up to 5 license states if the physician is licensed in multiple states</p> | VA | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|-----------|--------|------------|
| Physician_Profile_License_State_Code_2 | <p>The state in which the physician is licensed according to the physician's profile in Open Payments system</p> <p>The physician's profile may contain up to 5 license states if the physician is licensed in multiple states</p> | MD | CHAR(2) | string | 2 |
| Physician_Profile_License_State_Code_3 | <p>The state in which the physician is licensed according to the physician's profile in Open Payments system</p> <p>The physician's profile may contain up to 5 license states if the physician is licensed in multiple states</p> | MT | CHAR(2) | string | 2 |
| Physician_Profile_License_State_Code_4 | <p>The state in which the physician is licensed according to the physician's profile in Open Payments system</p> <p>The physician's profile may contain up to 5 license states if the physician is licensed in multiple states</p> | DC | CHAR(2) | string | 2 |

Open Payments Methodology Overview & Data Dictionary

| Name | Description | Sample Data | Data Type | Format | Max Length |
|--|--|-------------|-----------|--------|------------|
| Physician_Profile_License_State_Code_5 | <p>The state in which the physician is licensed according to the physician's profile in Open Payments system</p> <p>The physician's profile may contain up to 5 license states if the physician is licensed in multiple states</p> | MO | CHAR(2) | string | 2 |