

# Variable Insurance Product (VIP) Data Sets

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## 1 Overview

The following data sets provide information extracted from eXtensible Business Reporting Language (XBRL) submissions filed with the Commission in a flattened data format to assist users in more easily consuming the data for analysis. The data is sourced from selected information found in Forms N-3, N-4 and N-6 XBRL submissions to the Commission. Filers prepare these submissions using the Variable Insurance Product Taxonomy and Taxonomy Guide, which are available and periodically updated at <https://xbrl.sec.gov/vip/>.

Certain additional fields used in the Commission's Electronic Data Gathering, Analysis, and Retrieval (EDGAR) system are also included to help in supporting the use of the data. The information has been taken directly from submissions created by each registrant, and the data is "as filed" by the registrant. The data sets will be updated monthly.

**DISCLAIMER:** The VIP Data Sets contain information derived from structured data filed with the Commission by individual registrants as well as Commission-generated filing identifiers. Because the data sets are derived from information provided by individual registrants, we cannot guarantee the accuracy of the data sets. In addition, it is possible inaccuracies, or other errors were introduced into the data sets during the process of extracting the data and compiling the data sets. Finally, the data sets do not reflect all available information, including certain metadata associated with Commission filings. The data sets are intended to assist the public in analyzing data contained in Commission filings; however, they are not a substitute for such filings. Investors should review the full Commission filings before making any investment decision.

The data extracted from the XBRL submissions is organized into data sets containing information about submissions, numbers, taxonomy tags, and more. Each data set consists of rows and fields and is provided as a tab-delimited TXT format file. The data sets are as follows:

- **SUB** – Submission data set; this includes one record for each XBRL submission. The set includes fields of information pertinent to the submission and the filing entity.
- **SCN** – Series Class Name data set; includes the series and class identifiers for each submission.
- **TAG** – Tag data set; includes defining information about each tag. Information includes tag descriptions (documentation labels), taxonomy version information and other tag attributes.
- **NUM** – Number data set; this includes one row for each distinct amount tagged in the submission.
- **TXT** – Text data set; this is the plain text of all the non-numeric tagged items in the submission.

## 2 Scope

The scope of the data in the VIP data sets consists of:

- Numeric data and non-numeric "plain text" data from XBRL submissions;
- XBRL submissions that include a Variable Insurance Product (VIP) taxonomy element;
- Submitted from February 2023 through the "Data Cutoff Date" inclusive.

All data values are "as filed."

## 3 Organization

Note that this data set represents "as filed" EDGAR document submissions containing multiple reporting periods (including amendments of prior submissions). Data in this submitted form may contain redundancies, inconsistencies, and discrepancies relative to other publication formats. Each data set is accompanied by a metadata file conforming to the W3C specification for tabular data (<https://www.w3.org/TR/2015/REC-tabular-data-model-20151217/>) that encodes the following information about the data sets and their relationships to each other.

1. **SUB** identifies all the EDGAR submissions in the data set, with each row having the unique (primary) key **adsh**, a 20-character EDGAR Accession Number with dashes in positions 11 and 14.
2. **SCN** is a data set that provides the series and class (contract) names and identifiers for each submission. These fields comprise a unique compound key:
  - 1) **adsh** - EDGAR accession number
  - 2) **seriesid** - 10-character series identifier.
  - 3) **classid** - 10-character class identifier.
3. **TAG** is a data set of all tags used in the submissions, both standard and custom. These fields comprise a unique compound key:
  - 1) **tag** – tag used by the filer
  - 2) **version** – if a standard tag, the taxonomy of origin, otherwise equal to adsh.
4. **NUM** is a data set of all numeric XBRL facts presented in the submission. These fields comprise a unique compound key:

- 1) **adsh** - EDGAR accession number
  - 2) **tag** - tag used by the filer
  - 3) **version** - if a standard tag, the taxonomy of origin, otherwise equal to adsh.
  - 4) **ddate** - document date
  - 5) **uom** - unit of measure
  - 6) **segments** - XBRL tags used to represent axis and member reporting
5. **TXT** is a data set that contains the plain (no HTML) text of each non-numeric XBRL fact. These fields comprise a unique compound key:
- 1) **adsh** - EDGAR accession number
  - 2) **tag** - tag used by the filer
  - 3) **version** - if a standard tag, the taxonomy of origin, otherwise equal to adsh
  - 4) **ddate** - period end date
  - 5) **segments** - XBRL tags used to represent axis and member reporting

The relationship of the data sets is as shown in Figure 1. The Accession Number (**adsh**) found in the NUM and TXT data set can be used to retrieve information about the submission in SUB. Each row of data in NUM or TXT was tagged by the filer using a tag. Information about the tag used can be found in TAG. Each row of data in NUM or TXT appears on one or more lines detailed in LAB.

**Figure 1. Data relationships**

Data set	Fields referencing other datasets	Referenced dataset	Referenced fields
<b>NUM</b>	adsh	SUB	adsh
	tag, version	TAG	tag, version
	adsh, contract	SCN	adsh, classId
<b>TXT</b>	adsh	SUB	adsh
	tag, version	TAG	tag, version
	adsh, contract	SCN	adsh, classId

### 4 File Formats

Each of the data sets is provided in a single encoding, as follows:

Tab Separated Value (.tsv): utf-8, tab-delimited, \n- terminated lines, with the first line containing the field names in lowercase.

### 5 Table Definitions

The fields in the figures below provide the following information: field name, description, source, data format, maximum field size, an indication of whether the field may be NULL (yes or no), and key.

The Source field (SUB only) has two possible values:

- EDGAR indicates that the source of the data is the filer's EDGAR submission header.
- XBRL indicates that the source of the data is the filer's XBRL submission.

The Key field indicates whether the field is part of a unique index on the data. There are two possible values for this field:

- "\*" - Indicates the field is part of the unique key for the row.
- Empty (nothing in field) - the field is not part of the unique compound key.

## 5.1 SUB (Submissions)

The submissions data set contains summary information about an entire EDGAR submission. Some fields were sourced directly from EDGAR submission information, while other fields of data were sourced from the XBRL submission. Note: EDGAR derived fields represent the most recent EDGAR assignment as of a given filing's submission date and do not necessarily represent the most current assignments.

**Figure 2. Fields in the SUB data set**

Field Name	Field Description	Source	Format	Max Size	May be NULL	Key
<b>adsh</b>	Accession Number. The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	EDGAR	ALPHANUMERIC (nnnnnnnnnnn-nn-nnnnnn)	20	No	*
<b>cik</b>	Central Index Key (CIK). Ten-digit number assigned by the Commission to each registrant that submits filings.	EDGAR	NUMERIC	10	No	
<b>name</b>	Name of registrant. This corresponds to the name of the legal entity as recorded in EDGAR as of the filing date.	EDGAR	ALPHANUMERIC	150	No	
<b>countryba</b>	The ISO 3166-1 country of the registrant's business address.	EDGAR	ALPHANUMERIC	2	Yes	
<b>stprba</b>	The state or province of the registrant's business address if field countryba is US or CA.	EDGAR	ALPHANUMERIC	2	Yes	
<b>cityba</b>	The city of the registrant's business address.	EDGAR	ALPHANUMERIC	30	Yes	
<b>zipba</b>	The zip code of the registrant's business address.	EDGAR	ALPHANUMERIC	10	Yes	
<b>bas1</b>	The first line of the street of the registrant's business address.	EDGAR	ALPHANUMERIC	40	Yes	
<b>bas2</b>	The second line of the street of the registrant's business address.	EDGAR	ALPHANUMERIC	40	Yes	

Field Name	Field Description	Source	Format	Max Size	May be NULL	Key
<b>baph</b>	The phone number of the registrant's business address.	EDGAR	ALPHANUMERIC	20	Yes	
<b>countryma</b>	The ISO 3166-1 country of the registrant's mailing address.	EDGAR	ALPHANUMERIC	2	Yes	
<b>stprma</b>	The state or province of the registrant's mailing address if field countryma is US or CA.	EDGAR	ALPHANUMERIC	2	Yes	
<b>cityma</b>	The city of the registrant's mailing address.	EDGAR	ALPHANUMERIC	30	Yes	
<b>zipma</b>	The zip code of the registrant's mailing address.	EDGAR	ALPHANUMERIC	10	Yes	
<b>mas1</b>	The first line of the street of the registrant's mailing address.	EDGAR	ALPHANUMERIC	40	Yes	
<b>mas2</b>	The second line of the street of the registrant's mailing address.	EDGAR	ALPHANUMERIC	40	Yes	
<b>countryinc</b>	The ISO 3166-1 country of incorporation for the registrant.	EDGAR	ALPHANUMERIC	2	Yes	
<b>stprinc</b>	The state or province of incorporation for the registrant, if countryinc is US or CA, otherwise NULL.	EDGAR	ALPHANUMERIC	2	Yes	
<b>ein</b>	Employee Identification Number, 9-digit identification number assigned by the Internal Revenue Service to business entities operating in the United States.	EDGAR	NUMERIC	10	Yes	
<b>former</b>	Most recent former name of the registrant, if any.	EDGAR	ALPHANUMERIC	150	Yes	

Field Name	Field Description	Source	Format	Max Size	May be NULL	Key
<b>changed</b>	Date of change from the former name, if any.	EDGAR	DATE (yyyymmdd)	8	Yes	
<b>form</b>	The submission type of the registrant's filing.	EDGAR	ALPHANUMERIC	20	No	
<b>filed</b>	The date of the registrant's filing with the Commission.	EDGAR	DATE (yyyymmdd)	8	No	
<b>accepted</b>	The acceptance date and time of the registrant's filing with the Commission.	EDGAR	DATETIME (yyyy-mm-dd hh:mm:ss)	19	No	
<b>instance</b>	The name of the submitted XBRL Instance Document type data file.	EDGAR	ALPHANUMERIC (example: abcd-yyyymmdd.xml)	40	No	
<b>docEndDate</b>	Document end date	XBRL	DATE (yyyy-mm-dd)	10	Yes	
<b>doctype</b>	Document type: N-3, N-4, N-6	XBRL	ALPHANUMERIC	3	No	

Note: To access the complete submission files for a given filing, please see the [Commission EDGAR website](#). The Commission website folder `https://www.sec.gov/Archives/edgar/data/{cik}/{accession}/` will always contain all the data sets for a given submission. To assemble the folder address to any filing referenced in the SUB data set, simply substitute `{cik}` with the `cik` field and replace `{accession}` with the `adsh` field (after removing the dash character). The following sample SQL Query provides an example of how to generate a list of addresses for filings contained in the SUB data set:

- ```
select name,form,period, 'https://www.sec.gov/Archives/edgar/data/' +
ltrim(str(cik,10))+ '/' + replace(adsh, '-', '')+ '/' +instance as url from sub order by
period desc, name
```

## 5.2 SCN (Series Class Name)

The SCN data set contains the series and class (contract) identifiers and names for each submission. The source for the table is the EDGAR submission header.

**Figure 3. Fields in the SCN data set**

| Field Name        | Field Description                                                                                                              | Field Type (format) | Max Size | May be NULL | Key |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|-------------|-----|
| <b>adsh</b>       | Accession Number. The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission. | ALPHANUMERIC        | 20       | No          | *   |
| <b>seriesid</b>   | 10-character series identifier.                                                                                                | ALPHANUMERIC        | 10       | No          | *   |
| <b>seriesName</b> | Series name.                                                                                                                   | ALPHANUMERIC        | 150      | No          |     |

|                  |                                           |              |     |    |   |
|------------------|-------------------------------------------|--------------|-----|----|---|
| <b>classid</b>   | 10-character class (contract) identifier. | ALPHANUMERIC | 10  | No | * |
| <b>className</b> | Class (contract) name.                    | ALPHANUMERIC | 150 | No |   |

### 5.3 TAG (Tags)

The TAG data set contains the standard taxonomy tags and the custom taxonomy tags defined in the submissions. The source is the "as filed" XBRL filer submissions. The standard tags are derived from taxonomies in <https://www.sec.gov/data-research/standard-taxonomies> as of the date of the original submission.

**Figure 4. Fields in the TAG data set**

| Field Name      | Field Description                                                                                                                                                                                   | Field Type                         | Max Size | May be NULL | Key |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------|-------------|-----|
| <b>tag</b>      | The unique identifier (name) for a tag in a specific taxonomy release.                                                                                                                              | ALPHANUMERIC                       | 256      | No          | *   |
| <b>version</b>  | For a standard tag, an identifier for the taxonomy; otherwise the accession number where the tag was defined.                                                                                       | ALPHANUMERIC                       | 20       | No          | *   |
| <b>custom</b>   | 1 if tag is custom (version=adsh), 0 if it is standard. <i>Note: This flag is technically redundant with the version and adsh fields.</i>                                                           | BOOLEAN (1 if true and 0 if false) | 1        | No          |     |
| <b>abstract</b> | 1 if the tag is not used to represent a fact.                                                                                                                                                       | BOOLEAN (1 if true and 0 if false) | 1        | No          |     |
| <b>datatype</b> | If abstract=1, then NULL, otherwise the data type (e.g., monetary) for the tag.                                                                                                                     | ALPHANUMERIC                       | 20       | Yes         |     |
| <b>iord</b>     | If abstract=1, then NULL; otherwise, "I" if the value is a point in time, or "D" if the value is a duration.                                                                                        | ALPHANUMERIC                       | 1        | Yes         |     |
| <b>tlabel</b>   | If a standard tag, then the label text provided by the taxonomy, otherwise the text provided by the filer. A tag which had neither would have a NULL value here.                                    | ALPHANUMERIC                       | 512      | Yes         |     |
| <b>doc</b>      | The detailed definition for the tag. If a standard tag, then the text provided by the taxonomy, otherwise the text assigned by the filer. Some tags have neither, in which case this field is NULL. | ALPHANUMERIC                       |          | Yes         |     |

### 5.4 NUM (Numbers)

The NUM data set contains numeric data, one row per data point. The source for the table is the "as filed" XBRL filer submissions.

**Figure 5. Fields in the NUM data set**

| Field Name  | Field Description                                                                                                              | Field Type (format) | Max Size | May be NULL | Key |
|-------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|-------------|-----|
| <b>adsh</b> | Accession Number. The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission. | ALPHANUMERIC        | 20       | No          | *   |
| <b>tag</b>  | The unique identifier (name) for a tag in a specific taxonomy release.                                                         | ALPHANUMERIC        | 256      | No          | *   |

| Field Name      | Field Description                                                                                                                                                                                                            | Field Type (format) | Max Size | May be NULL | Key |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|-------------|-----|
| <b>version</b>  | For a standard tag, an identifier for the taxonomy; otherwise, the accession number where the tag was defined.                                                                                                               | ALPHANUMERIC        | 20       | No          | *   |
| <b>ddate</b>    | The end date for the data value, rounded to the nearest month end.                                                                                                                                                           | DATE (yyyymmdd)     | 8        | No          | *   |
| <b>uom</b>      | The unit of measure for the value.                                                                                                                                                                                           | ALPHANUMERIC        | 20       | No          | *   |
| <b>segments</b> | Tags used to represent axis and member reporting. Axis tags are on the left of the equal sign (=) and members on the right. Delimited by a semicolon. The version of tag is in parenthesis with custom tags having the adsh. | ALPHANUMERIC        | 1024     | No          | *   |
| <b>value</b>    | The value. This is not scaled, it is as found in the Interactive Data file but is rounded to four digits to the right of the decimal point.                                                                                  | NUMERIC             | 16       | Yes         |     |
| <b>footnote</b> | The plain text of any superscripted footnotes on the value, if any.                                                                                                                                                          | ALPHANUMERIC        | 512      | Yes         |     |
| <b>footlen</b>  | Number of bytes in the plain text of the footnote; zero if no footnote.                                                                                                                                                      | NUMERIC             | 4        | No          |     |
| <b>dimn</b>     | Small integer representing the number of dimensions. Note that this value is a function of the dimension segments.                                                                                                           | NUMERIC             | 1        | No          |     |
| <b>contract</b> | Contract to which the fact applies.                                                                                                                                                                                          | ALPHANUMERIC        | 256      | No          |     |

## 5.5 TXT (Plain Text)

The TXT data set contains non-numeric data, one row per data point. The source for the table is the "as filed" XBRL filer submissions.

**Figure 6. Fields in the TXT data set**

| Field Name      | Field Description                                                                                                                                                                                                            | Field Type (format) | Max Size | May be NULL | Key |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|-------------|-----|
| <b>adsh</b>     | Accession Number. The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.                                                                                               | ALPHANUMERIC        | 20       | No          | *   |
| <b>tag</b>      | The unique identifier (name) for a tag in a specific taxonomy release.                                                                                                                                                       | ALPHANUMERIC        | 256      | No          | *   |
| <b>version</b>  | For a standard tag, an identifier for the taxonomy; otherwise, the accession number where the tag was defined.                                                                                                               | ALPHANUMERIC        | 20       | No          | *   |
| <b>ddate</b>    | The end date for the data value, rounded to the nearest month end.                                                                                                                                                           | DATE (yyyymmdd)     | 8        | No          | *   |
| <b>segments</b> | Tags used to represent axis and member reporting. Axis tags are on the left of the equal sign (=) and members on the right. Delimited by a semicolon. The version of tag is in parenthesis with custom tags having the adsh. | ALPHANUMERIC        | 1024     | No          | *   |
| <b>dimn</b>     | Small integer representing the number of dimensions, useful for sorting. Note that this value is function of the dimension segments.                                                                                         | NUMERIC             | 1        | Yes         |     |
| <b>txtlen</b>   | The original length of the whitespace normalized value.                                                                                                                                                                      | NUMERIC(4,0)        | 4        | Yes         |     |

| Field Name      | Field Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Field Type (format) | Max Size | May be NULL | Key |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|-------------|-----|
| <b>footnote</b> | The plain text of any superscripted footnotes on the value, as shown on the page or if there is no footnote, then this field will be blank.                                                                                                                                                                                                                                                                                                                                                                                  | ALPHANUMERIC        | 512      | Yes         |     |
| <b>footlen</b>  | Number of bytes in the plain text of the footnote.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NUMERIC(4,0)        | 4        | Yes         |     |
| <b>value</b>    | The value, with all whitespace normalized, that is, all sequences of line feeds, carriage returns, tabs, non-breaking spaces, and spaces having been collapsed to a single space, and no leading or trailing spaces. Escaped XML that appears in EDGAR "Text Block" tags is processed to remove all mark-up (comments, processing instructions, elements, attributes). The value is truncated to a maximum number of bytes. The resulting text is not intended for end user display but only for text analysis applications. | ALPHANUMERIC        |          | Yes         |     |
| <b>contract</b> | Contract to which the fact applies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ALPHANUMERIC        | 256      | No          |     |