**PBS API V3**
**Data Dictionary**

 PBS Schedule - Data Mart.

Dictionary Version 3.2

API Version 3

This document explains the data elements of the PBS Schedule API, more information about the API can be found on the [PBS Software Developers website](https://data.pbs.gov.au/).

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Department of Health and Aged Care

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# Main Model Image

A higher resolution version of this image can be found on the [PBS Software Developers site](https://hpp.health.gov.au/article-details/?id=a1ea613e-f07e-466a-97be-361967b33cf4).



# Endpoint and Table Summary

|  |  |  |
| --- | --- | --- |
| **Endpoint (API)** | **Table name (Health database)** | **Primary/Composite Keys** |
| /amt-items | ITEM\_AMT\_T | pbs\_concept\_id, li\_item\_id, schedule\_code |
| /atc-codes | ATC\_T | atc\_code, schedule\_code |
| /container-organisation-relationships | CONTAINER\_WHOLESALER\_RLTD\_T | container\_code, organisation\_id,schedule\_code |
| /containers | CONTAINER\_T | container\_code,  |
| /copayments | COPAYMENT\_T | schedule\_code |
| /criteria | CRITERIA\_T | criteria\_prescribing\_txt\_id,  |
| /criteria-parameter-relationships | CRITERIA\_PARAMETER\_RLTD\_T | criteria\_prescribing\_txt\_id, parameter\_prescribing\_txt\_id,schedule\_code |
| /dispensing-rules | DISPENSING\_RULE\_T | dispensing\_rule\_reference, schedule\_code |
| /extemporaneous-ingredients | EXTEMPORANEOUS\_INGREDIENT\_T | pbs\_code,  |
| /extemporaneous-preparations | EXTEMPORANEOUS\_PREPARATION\_T | pbs\_code,schedule\_code |
| /extemporaneous-prep-sfp-relationships | EX\_PREP\_SFP\_RLTD\_T | sfp\_pbs\_code, ex\_prep\_pbs\_code, schedule\_code |
| /extemporaneous-tariffs | EXTEMPORANEOUS\_DRUG\_TARIFF\_T | pbs\_code, schedule\_code |
| /fees | FEE\_T | program\_code, schedule\_code |
| /indications | INDICATION\_T | indication\_prescribing\_txt\_id, schedule\_code |
| /item-atc-relationships | ITEM\_ATC\_RLTD\_T | atc\_code, pbs\_code, schedule\_code |
| /item-dispensing-rule-relationships | ITEM\_DISPENSING\_RULE\_RLTD\_T | li\_item\_id, dispensing\_rule\_reference,schedule\_code |
| /item-organisation-relationships | ITEM\_ORGANISATION\_RLTD\_T | pbs\_code, organisation\_id, schedule\_code |
| /item-prescribing-text-relationships | ITEM\_PRESCRIBING\_TXT\_RLTD\_T | pbs\_code, prescribing\_txt\_id, schedule\_code |
| /item-pricing-events | ITEM\_PRICING\_EVENT | li\_item\_id, schedule\_code |
| /item-restriction-relationships | ITEM\_RESTRICTION\_RLTD\_T | res\_code, pbs\_code, schedule\_code |
| /items | ITEM\_T | li\_item\_id, schedule\_code |
| /markup-bands | MARKUP\_BAND\_T | program\_code, dispensing\_rule\_mnem, schedule\_code |
| /organisations | ORGANISATION\_T | organisation\_id, schedule\_code |
| /parameters | PARAMETER\_T | parameter\_prescribing\_txt\_id, schedule\_code |
| /prescribing-texts | PRESCRIBING\_TXT\_T | prescribing\_txt\_id, schedule\_code |
| /prescribers | PRESCRIBER\_T | pbs\_code,  |
| /program-dispensing-rules | PROGRAM\_DISPENSING\_RULE\_T | program\_code, dispensing\_rule\_mnem, schedule\_code |
| /programs | PROGRAM\_T | program\_code, schedule\_code |
| /restriction-prescribing-text-relationships | RSTRCTN\_PRSCRBNG\_TXT\_RLTD\_T | res\_code, prescribing\_text\_id, schedule\_code |
| /restrictions | RESTRICTION\_TEXT\_T | res\_code, schedule\_code |
| /schedules | SCHEDULE\_T | schedule\_code |
| /standard-formula-preparations | STANDARD\_FORMULA\_PREPARATION\_T | pbs\_code, schedule\_code |
| /summary-of-changes | SUMMARY\_OF\_CHANGES\_T | schedule\_code |

# Endpoint Detail Reports

**/amt-items**

|  |  |
| --- | --- |
| **Table Name** | ITEM\_AMT\_T |
| **Open API Tag name** | ItemAmt |
| **Definition** | PBS concept ID's (MPP, TPP etc) mapped to the equivalent Australian Medicines Terminology (AMT) codes and preferred terms. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| pbs\_concept\_id | Persistent Identifier of a PBS Concept. i.e. A PBS MPP ID, PBS TPP ID etc.*pbs\_concept\_id* value for each concept type will remain constant for that *li\_item\_id* over time.The old placeholder id can be generated from the *pbs\_concept\_id,* Namespace (constant value of 1000144), AMT type identifier: (constant value of 10), Check digit of the previous values. Eg TPP 91091000144103.  |
| concept\_type\_code | Concept level of the record. Values: MP, MPP, MPUU, TPP, (TPUU to be added soon).  |
| amt\_code | Unique identifier of the AMT Code (Australian Medicines Terminology). The AMT is a standards-based national approach to the unique identification (code) and naming of medicines. It has been primarily developed to be used in clinical software applications and to facilitate interoperability between systems.AMT does not always accommodate regulations or PBS listing options and therefore there will always be a small amount of PBS listings that will remain not mapped to an AMT concept, these will be Null. |
| li\_item\_id | Unique identifier for each row on the */items* endpoint generated using the Item Code and PharmCIS internal IDs (PIG ID, MP, MPP, TPP). |
| preferred\_term | Common word or phrase used by Australian clinicians to name a concept. Where the *amt\_code* value is Null, the *preferred\_term* will also be Null (to be amended soon to always be populated). Example -11684Y / abatacept 125 mg/mL injection, 4 x 1 mL pen devices. |
| exempt\_ind | Indicates that an item is exempt from statutory price reductions, via Ministerial discretion, as laid out in Section 84AH of the National Health Act 1953. [National Health (Pharmaceutical Benefits Scheme-Exempt items - Section 84AH) Determination 2017](https://www.legislation.gov.au/F2017L01265/latest/text).This information is stored against the MPUU concept type. Values: Y/NAll other concept type will default to *N*. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

**/atc-codes**

|  |  |
| --- | --- |
| **Table Name** | ATC\_T |
| **Open API Tag name** | ATC |
| **Definition** | Anatomical Therapeutic Chemical Codes and hierarchy to map drugs to their equivalent body system. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| atc\_code | Anatomical Therapeutic Chemical Code used to represent the chemical, pharmacological and therapeutic grouping. Published in the current ATC Index issued by the World Health Organisations (WHO) Collaborating Centre for Drug Statistics Methodology at all levels. See also *atc\_description*.ATC classification system is defined, and ATC codes referenced, in the T[herapeutic Goods (Information relating to Shortages and Discontinuations of Supply of Medicines) Specification 2018](https://www.legislation.gov.au/F2018L01746/asmade/text). |
| atc\_description | Description of therapeutic groups represented by an ATC Code.The Anatomical Therapeutic Chemical (ATC) classification system is a measuring unit recommended by the WHO for drug utilisation monitoring and research.Drugs are divided into groups according to the organ or body system on which they act and their chemical, pharmacological and therapeutic properties.The PBS uses the ATC system for categorising PBS medicines into therapeutic groups in the PBS Schedule.StructureActive substances classified in a hierarchy with five different levels. 1st level - fourteen main anatomical/pharmacological groups. 2nd level - pharmacological or therapeutic subgroups. 3rd level - chemical, pharmacological or therapeutic subgroups.4th level - chemical, pharmacological or therapeutic subgroups.5th level - chemical substance. The 2nd, 3rd and 4th levels are oftenused to identify pharmacological subgroups when that is considered more appropriate than therapeutic or chemical subgroups.Guidelines - <https://www.whocc.no/filearchive/publications/2020_guidelines_web.pdf>Code Description example - A01AA01A Alimentary tract and metabolismA01 Stomatological preparationsA01A Stomatological preparationsA01AA Caries prophylactic agentsA01AA01 Sodium fluoride |
| atc\_level | 5 levels of categorisation used for ATC grouping. |
| atc\_parent\_code | Anatomical Therapeutic Chemical taxonomy is a hierarchy, the parent code links recursively back through the hierarchy to identify the parent Body System. The top-level will have a NULL parent code. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

**/containers**

|  |  |
| --- | --- |
| **Table Name**  | CONTAINER\_T  |
| **Open API Tag name** | Container |
| **Definition** | Lists the containers and related subsidies for preparing extemporaneous benefits. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| container\_code | Unique identifier code for containers. |
| container\_name | Container name required for PBS website and Schedule of Pharmaceutical Benefits. |
| mark\_up | Allowable amount that a retailer can add to the cost of a prescribed item to cover administration, handling and infrastructure overheads for the container type.Mark-ups determined by the [Commonwealth price (Pharmaceutical benefits supplied by approved pharmacists) Determination 2020](https://www.legislation.gov.au/F2020L00806/latest/text). |
| agreed\_purchasing\_unit | Agreed unit or quantity that a price will be calculated for an extemporaneous ingredient. |
| average\_exact\_unit\_price | Average of wholesaler unit prices for containers of extemporaneous ingredients. Required for pricing of extemporaneous ingredients for the PBS. |
| average\_rounded\_unit\_price | Rounded price derived from the average of wholesaler unit prices for containers of extemporaneous ingredients. Required for pricing of extemporaneous ingredients for the PBS. Rounding is set in s13, s24 and s25 of [Commonwealth price (Pharmaceutical benefits supplied by approved pharmacists) Determination 2020](https://www.legislation.gov.au/F2020L00806/latest/text). |
| container\_type | Descriptor in the format *container:xx-xx* which provides the type of container. Can be:- bottle-dispensing- dropper-glass- dropper-polythene- bottle-poison- jar-screw-cap- injectable- other |
| container\_quantity | Volume that the container can hold, required for the PBS Website and Schedule of Pharmaceutical Benefits. |
| container\_unit\_of\_measure | Unit of Measure applicable to the container size. Refers to *container\_quantity.* |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

**/container-organisation-relationships**

|  |  |
| --- | --- |
| **Table name**  | CONTAINER\_WHOLESALER\_RLTD\_T |
| **Open API Tag name** | ContainerWholesalerRltd |
| **Definition** | Relationships between wholesalers/suppliers and containers used for extemporaneous benefits. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| container\_code | Unique identifier code for containers. |
| organisation\_id | Unique identifier for an Organisation that allows the user to infer a wholesaling relationship between the Container and the Organisation. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

**/copayments**

|  |  |
| --- | --- |
| **Table name** | COPAYMENT\_T  |
| **Open API Tag name** | Copayment |
| **Definition** | Lists the different PBS co-payment amounts and PBS Safety Net threshold amounts which apply to general and concessional patients.The PBS Safety Net protects those patients and their families requiring high annual expenditure on PBS or RPBS items.The scheme requires pharmacists, on request by patients, to record the supply of PBS and RPBS items on prescription record forms. When a patient reaches the Safety Net threshold within a calendar year, they qualify to receive PBS or RPBS items at a cheaper price or free of charge for the rest of that year. Any applicable special patient contributions, brand premiums or therapeutic group premiums must still be met by the patient, and do not count towards the Safety Net. The Safety Net threshold is reached by accumulating eligible patient contributions for PBS prescriptions supplied through community pharmacies and private hospitals and for non-PBS out-patient medication supplied by public hospitals.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| general | General patient co-payment amount. Applies to Australian residents who hold a Medicare card or patients from countries with a Reciprocal Health Care Agreements (RHCA), or eligible under a Ministerial Order under section 6(1) of the Health Insurance Act 1973. |
| concessional | Concessional patient co-payment amount. Australian residents who hold a Medicare card and an eligible concession card receive PBS medicines at the at the concessional rate. |
| safety\_net\_general | General patient Safety Net Threshold amount. When a general patient and their eligible family members reach the General Safety Net threshold within a calendar year, they qualify to receive PBS or RPBS items at the concessional rate for the rest of that year. |
| safety\_net\_concessional | Concessional patient Safety Net Threshold amount. When a concessional patient and their eligible family members reach the Concessional Safety Net threshold within a calendar year, they qualify to receive PBS or RPBS items free of charge for the rest of that year. |
| safety\_net\_card\_issue | Fee payable for the issue of a safety net concession card for general patients or a pharmaceutical benefits entitlement card for concessional patients. Fee determined by [National Health (Concession Card or Entitlement Card Fee) Determination 2021](https://www.legislation.gov.au/F2021L01762/latest/text). |
| increased\_discount\_limit | Maximum Commonwealth price of a prescription for general patients that can receive the increased discount adjustment. Pharmacies have the option to offer increased discounting for PBS medicines within the Increased Discounting Range (IDR) for the quantity supplied, where the dispensed price is more than the general co-payment amount and less than the increased discount limit. Criteria for increased discount is in s87AA of the [National Health Act 1953](https://www.legislation.gov.au/C1953A00095/latest/text) |
| safety\_net\_ctg\_contribution | Co-payment amount used to count towards the general PBS Safety Net for certain prescriptions dispensed to registered Closing the Gap PBS Co-payment Program participants. Specified in s11(4) of the [National Health (Closing the Gap – PBS Co-payment Program) Special Arrangement 2016](https://www.legislation.gov.au/F2016L00079/latest/text). |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /criteria

|  |  |
| --- | --- |
| **Table name** | CRITERIA\_T |
| **Open API Tag name** | Criteria |
| **Definition** | Lists the different circumstance requirements: treatment, population and clinical requirement, and the relationship between the parameters that make up a criteria. These are part of the main headings of restriction text. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| criteria\_prescribing\_txt\_id | Unique and persistent identifier for the Criteria. |
| criteria\_type | The type of requirements – what it is related to: POPULATION CLINICAL TREATMENT |
| parameter\_relationship | Relationship between Parameters within a Criteria. Current value is only ANY. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a schedule\_code refers to can be found in the */schedules* endpoint in effective\_date, effective\_month, effective\_year and start\_tsp columns. |

# /criteria-parameter-relationships

|  |  |
| --- | --- |
| **Table Name** | CRITERIA\_PARAMETER\_RLTD\_T  |
| **Open API Tag name** | CriteriaParameterRltd |
| **Definition** | Specifies relationship between the prescribing text within a criteria.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| criteria\_prescribing\_txt\_id | Unique and persistent identifier for the Criteria. |
| parameter\_prescribing\_txt\_id | Unique and persistent identifier for the Parameter. |
| pt\_position | Determines the order of *parameter\_precribing\_txt\_id* concepts within the *criteria\_prescribing\_txt\_id* to which it is attached (one to many from the Criteria to Parameter).  |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date*, *effective\_month, effective\_year* and *start\_tsp* columns. |

# /dispensing-rules

|  |  |
| --- | --- |
| **Table Name** | DISPENSING\_RULE\_T |
| **Open API Tag name** | DispensingRule |
| **Definition** | List of Dispensing rules, names and references to be used in other tables. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| dispensing\_rule\_mnem | Short descriptive phrase to enable the identification of a group of Dispensing Rules. |
| dispensing\_rule\_reference | Unique identifier for a Dispensing Rule that relates the grouping Mnemonic to a class of Item. |
| dispensing\_rule\_title | Easily identifiable title used to differentiate this dispensing rule. |
| community\_pharmacy\_indicator | Indicates that this item can be dispensed by community pharmacies under this rule regardless of where the item was prescribed.Values: TRUE/NULL. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a schedule\_code refers to can be found in the */schedules* endpoint in effective\_date, effective\_month, effective\_year and start\_tsp columns. |

# /extemporaneous-ingredients

|  |  |
| --- | --- |
| **Endpoint** | EXTEMPORANEOUS\_INGREDIENT\_T |
| **Open API Tag name** | ExtemporaneousIngredient |
| **Definition** | List of extemporaneous ingredients applicable to Items, including a unique code, and price per weight.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| agreed\_purchasing\_unit | Agreed unit or quantity that will be used to calculate the price for an extemporaneous ingredient. |
| exact\_tenth\_gram\_per\_ml\_price | Exact 0.10g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| exact\_one\_gram\_per\_ml\_price | Exact 1g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| exact\_ten\_gram\_per\_ml\_price | Exact 10g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| exact\_hundred\_gram\_per\_ml\_price | Exact 100g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| rounded\_tenth\_gram\_per\_ml\_price | Rounded 0.10g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| rounded\_one\_gram\_per\_ml\_price | Rounded 1g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| rounded\_ten\_gram\_per\_ml\_price | Rounded 10g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| rounded\_hundred\_gram\_per\_ml\_price | Rounded 100g/ml price for an extemporaneous ingredient. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /extemporaneous-preparations

|  |  |
| --- | --- |
| **Endpoint** | EXTEMPORANEOUS\_PREPARATION\_T |
| **Open API Tag name** | ExtemporaneousPreparation |
| **Definition** | List of Standard formula extemporaneous preparations applicable to Items, including a unique code, preparation description and agreed prices. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| preparation | Specifies the form in which a standard formula preparation is provided. Required for PBS website, legislative instruments and Schedule of Pharmaceutical Benefits. |
| maximum\_quantity | Maximum quantity of a pharmaceutical benefit allowed to be prescribed/dispensed as recommended by the Pharmaceutical Benefits Advisory Committee (PBAC). |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| maximum\_quantity\_unit | Unit of Measure applicable to the *maximum\_quantity* for the pharmaceutical benefit. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /extemporaneous-prep-sfp-relationships

|  |  |
| --- | --- |
| **Table name** | EX\_PREP\_SFP\_RLTD\_T |
| **Open API Tag name** | ExPrepSfpRltd |
| **Definition** | Uses the PBS\_CODE value to link Extemporaneous\_Preparation records to Standard\_Formula\_Preparation records. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| sfp\_pbs\_code | PBS Item Code relates directly to a Prescribing Rule Standard Formula Preparations. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| ex\_prep\_pbs\_code | PBS Item Code relates directly to a Prescribing Rule Extemporaneous Preparations. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /extemporaneous-tariffs

|  |  |
| --- | --- |
| **Endpoint** | EXTEMPORANEOUS\_DRUG\_TARIFF\_T |
| **Open API Tag name** | ExtemporaneousDrugTariff |
| **Definition** | Tariffs applicable to extemporaneous preparations. Ingredients which can be compounded by a pharmacist as an extemporaneously prepared benefit. The table includes the PBS codes and pricing details. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| drug\_name | [PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) drug name, defined as Medicinal Product Pack – Name for Ready prepared and Infusible listings. Drug Tariff name for Extemporaneously Prepared listings. |
| agreed\_purchasing\_unit | Agreed unit or quantity that will be used to calculate the price for an extemporaneous ingredient. |
| markup | Allowable amount that a retailer can add to the cost of a prescribed item to cover administration, handling, and infrastructure overheads for the extemporaneous ingredients. |
| rounded\_rec\_one\_tenth\_gram | Recovery price for one tenth gram/ml rounded amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| rounded\_rec\_one\_gram | Recovery price for 1g/ml rounded amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| rounded\_rec\_ten\_gram | Recovery price for 10g/ml rounded amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| rounded\_rec\_hundred\_gram | Recovery price for 100g/ml rounded amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| exact\_rec\_one\_tenth\_gram | Recovery price for one tenth gram/ml exact amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| exact\_rec\_one\_gram | Recovery price for 1g/ml exact amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| exact\_rec\_ten\_gram | Recovery price for 10g/ml exact amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| exact\_rec\_hundred\_gram | Recovery price for 100g/ml exact amount of an extemporaneous ingredient specified in the Drug Tariff. Required for PBS website and Schedule of Pharmaceutical Benefits. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

**/fees**

|  |  |
| --- | --- |
| **Endpoint** | FEE\_T |
| **Open API Tag name** | Fee |
| **Definition** | The fees, charges and patient contributions that contribute to the price of a pharmaceutical item at the time of dispensing. All are in addition to the cost of the item itself. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| program\_code | Code used to group together PBS Items that have the same pricing model and follow the same business rules. Required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team.List of program codes can be found here: <https://data.pbs.gov.au/faq/program-codes.html> |   |
| dispensing\_fee\_ready\_prepared | Fee applies for PBS medicine that doesn't need further preparation or compounding. It's a compulsory addition to the AHI fee component, regardless of the cost of the medicine. The fee is defined in the [Commonwealth price (Pharmaceutical benefits supplied by approved pharmacists) Determination 2020](https://www.legislation.gov.au/F2020L00806/latest/text). |   |
| dispensing\_fee\_dangerous\_drug | Dangerous drug fee is paid for supplying a medicine listed in Schedule 3 of the [National Health (Commonwealth Price and Conditions for Commonwealth Payments for Supply of Pharmaceutical Benefits) Determination 2019](https://www.legislation.gov.au/F2020L00059/latest/text) and is in addition to the Administration, Handling and Infrastructure (AHI) fee and dispensing fee. This fee is designed to cover the additional costs charged by wholesalers related to handling fees for dangerous medicines, as well as pharmacist requirements for supplying and recording duties related to the supply of dangerous medicines. The fee is defined in the [Commonwealth price (Pharmaceutical benefits supplied by approved pharmacists) Determination 2020](https://www.legislation.gov.au/F2020L00806/latest/text). |   |
| dispensing\_fee\_extra | Also known as the *additional patient charge*. The additional patient charge is a maximum discretionary charge to general patients if a pharmaceutical item has a dispensed price for maximum quantity less than the general patient co-payment. Fees set by Clause 6.2.1(c) of the [8CPA](https://www.health.gov.au/sites/default/files/2024-06/eighth-community-pharmacy-agreement.pdf). |   |
| dispensing\_fee\_extemporaneous | Extemporaneously prepared fee is paid for supplying PBS medicines that requires preparation in pharmacy. This can include where two included components must be mixed before supply. If a solvent is needed, the fee includes the price of 100 mL purified water from the drug tariff. A fee is paid for each multiple quantity ordered.Extemporaneously prepared fee is paid for supplying products that have required pharmacy preparation prior to supply to a patient.The fee is defined in the [Commonwealth price (Pharmaceutical benefits supplied by approved pharmacists) Determination 2020](https://www.legislation.gov.au/F2020L00806/latest/text). |   |
| safety\_net\_recording\_fee\_ep | PBS Safety Net recording fee paid for recording prescriptions for extemporaneous items below the maximum general patient contribution on the prescription record form. The Safety Net recording fee is also known as the *additional fee*. Fee determined by s6(1)(ii) of the [National Health (Pharmaceutical Benefits) (Subsection 84C(7) Price) Determination 2019](https://www.legislation.gov.au/F2020L00057/latest/text).  |   |
| safety\_net\_recording\_fee\_rp | PBS Safety Net recording fee paid for recording prescriptions for ready-prepared items below the maximum general patient contribution on the prescription record form. The Safety Net recording fee is also known as the *additional fee*. Fee determined by s6(1)(i) of the [National Health (Pharmaceutical Benefits) (Subsection 84C(7) Price) Determination 2019](https://www.legislation.gov.au/F2020L00057/latest/text). |   |
| dispensing\_fee\_water\_added | Fee charged for extemporaneously prepared items where purified water is added as part of the preparation process. For lists of items where this fee applies, refer to Schedule 1 and Schedule 2 of [National Health (Commonwealth Price and Conditions for Commonwealth Payments for Supply of Pharmaceutical Benefits) Determination 2019](https://www.legislation.gov.au/F2020L00059/latest/text). |   |
| container\_fee\_injectable | Container Fee is the basis of the fee paid to the dispenser for injectable items. It is added to the item price and is only paid when a pack is broken and partial contents requires a container. |   |
| container\_fee\_other | Container Fee is the basis of the fee paid to the dispenser for non-injectable items. It is added to the item price and is only paid when a pack is broken and partial contents requires a container. |   |
| gnrl\_copay\_discount\_general | General co-payment discount for Australian residents who hold a Medicare card or patients from countries with a RHCA. Information about this co-pay can be seen in the 8th Community Pharmacy Agreement – 4.2 Co-payment indexation and discounting <https://www.health.gov.au/topics/primary-care/what-we-do/8cpa>. |   |
| gnrl\_copay\_discount\_hospital | General co-payment discount, for items prescribed at hospitals, for Australian residents who hold a Medicare card or patients from countries with a RHCA. Information about this co-pay can be seen in the 8th Community Pharmacy Agreement – 4.2 Co-payment indexation and discounting <https://www.health.gov.au/topics/primary-care/what-we-do/8cpa>. |   |
| con\_copay\_discount\_general | Concessional co-payment discount for Australian residents who hold a Medicare card and an eligible concession card who can receive medicines under the PBS at the concessional rate. |   |
| con\_copay\_discount\_hospital | Concessional co-payment discount, for items prescribed in hospitals, for Australian residents who hold a Medicare card and an eligible concession card who can receive medicines under the PBS at the concessional rate. |   |
| efc\_diluent\_fee | Fee added to the price of an item determined to be part of the Efficient Funding of Chemotherapy items scheme, to account for costs incurred in the dilution process and diluent used. Defined in s5 of the [National Health (Efficient Funding of Chemotherapy) Special Arrangement 2024](https://www.legislation.gov.au/F2024L00405/latest/text). |   |
| efc\_preparation\_fee | Fee added to the price of an item determined to be part of the Efficient Funding of Chemotherapy items scheme, to account for compounding or preparing the dose of chemotherapy drug in the infusion. Defined in s5 of the [National Health (Efficient Funding of Chemotherapy) Special Arrangement 2024](https://www.legislation.gov.au/F2024L00405/latest/text). |   |
| efc\_distribution\_fee | Fee added to the price of an item determined to be part of the Efficient Funding of Chemotherapy items scheme, to account for costs incurred by the manufacturer for the transport, handling and distribution of the item. Defined in s5 of the [National Health (Efficient Funding of Chemotherapy) Special Arrangement 2024](https://www.legislation.gov.au/F2024L00405/latest/text). |   |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |   |

# /indications

|  |  |
| --- | --- |
| **Table Name** | INDICATION\_T |
| **Open API Tag name** | Indication |
| **Definition** | The Indication refers to what the patient presents as symptoms to support a diagnosis. There is a limit of one Indication per Restriction. The indication consists of:Condition (mandatory) - identifies what is happeningEpisodicity - how often an episode occursSeverity - how bad it isRecorded in Legal Instruments:* *Circumstances and Purposes* Column of Schedule 3 to the National Health (Highly Specialised Drugs Program) Special Arrangement 2021
* *Circumstances and Purposes* Column of Schedule 4 to the National Health (Listing of Pharmaceutical Benefits) Instrument 2024
* *Circumstances and Purposes* Column of Schedule 3 to the National Health (Efficient Funding of Chemotherapy) Special Arrangement 2024
 |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| indication\_prescribing\_txt\_id | Unique and persistent identifier for an indication. |
| condition | Condition for the Indication. Indication - There can only be one Indication per Restriction, so if multiple Indications are required these will be identified via multiple Restrictions. The Indication refers to what a patient would present as symptoms to support a diagnosis.The indication consists of:Condition (mandatory) - identifies what is happening. |
| episodicity | Episodicity for the Indication. Indication - There can only be one Indication per Restriction, so if multiple Indications are required these will be identified via multiple Restrictions. The Indication refers to what a patient would present as symptoms to support a diagnosis.The indication consists of:Episodicity - how often an episode occurs. |
| severity | Severity for the Indication. Indication - There can only be one Indication per Restriction, so if multiple Indications are required these will be identified via multiple Restrictions. The Indication refers to what a patient would present as symptoms to support a diagnosis.The indication consists of:Severity - how bad it is. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /item-atc-relationships

|  |  |
| --- | --- |
| **Table Name** | ITEM\_ATC\_RLTD\_T |
| **Open API Tag name** | ItemAtcRltd |
| **Definition** | Represents the many-to-many relationships between Items and equivalent ATC Codes (in the /*atc-codes* endpoint). |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| atc\_code | Anatomical Therapeutic Chemical Code used to represent the chemical, pharmacological and therapeutic grouping. Published in the current ATC Index issued by the World Health Organisations (WHO) Collaborating Centre for Drug Statistics Methodology at all levels. See also *atc\_description*.ATC classification system is defined, and ATC codes referenced, in the T[herapeutic Goods (Information relating to Shortages and Discontinuations of Supply of Medicines) Specification 2018.](https://www.legislation.gov.au/F2018L01746/asmade/text) |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| atc\_priority\_pct | Where there is more than one ATC group assigned to a Prescribing Rule, a split percentage is reported. Where there is only one ATC group assigned, the percentage will be 100. The higher percentage relates to the predominate ATC for the PBS Listing. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /item-dispensing-rule-relationships

|  |  |
| --- | --- |
| **Table Name** | ITEM\_DISPENSING\_RULE\_RLTD\_T |
| **Open API Tag name** | ItemDispensingRuleRltd |
| **Definition** | Represents the many-to-many relationships between Items and Dispensing Rules. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| li\_item\_id | Unique identifier for each row on the */items* endpoint generated using the Item Code and PharmCIS internal IDs (PIG ID, MP, MPP, TPP). |
| dispensing\_rule\_mnem | Short descriptive phrase to enable the identification of a group of Dispensing Rules. |
| dispensing\_rule\_reference | Unique identifier for a Dispensing Rule that relates the grouping Mnemonic to a class of Item. |
| brand\_premium | Type of Special Patient Contribution, when there is more than one product per item code and the Responsible Person has set the product price above the lowest priced product. The difference is paid by the consumer. Determined by the [National Health (Price and Special Patient Contribution) Determination 2022](https://www.legislation.gov.au/F2022L01295/latest/text).[PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) displays as Medicinal Premium $ or  [Brand premium applies.](https://www.pbs.gov.au/browse/brand-premium) |
| dispense\_fee\_type\_code | Indicates the type of fee (if any) paid to the pharmacist for dispensing a PBS benefit.The dispensing fee types are: DD - Dangerous Drug EP - Extemporaneously prepared – Refer to /*extemporaneous-tariffs* endpoint (known bug all shown as NF) EW - Extemporaneously prepared with water NF - No Fee RP - Ready Prepared. |
| dangerous\_drug\_fee\_code | Code used to identify dangerous drug. The dangerous drug fee is paid for supplying dangerous drugs and is in addition to the mark-up and other dispensing fees. Dangerous drugs are listed in Schedule 3 of the National Health (Commonwealth Price and Conditions for Commonwealth Payments for Supply of Pharmaceutical Benefits) Determination 2019.Values *DD* or *NULL*. |
| therapeutic\_group\_premium | Price premium for drugs identified as being therapeutically interchangeable with other drugs and are therefore included in a therapeutic group.PBS subsidises up to the price of the lowest priced drug in the therapeutic group - the patient pays the difference between the lowest price and the manufacturers price. Determined by the [National Health (Pharmaceutical Benefits—Therapeutic Groups) Determination 2020](https://www.legislation.gov.au/F2020L00307/latest/text).[PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) defined as Medicinal Premium $ or  [Therapeutic group premium applies.](https://www.pbs.gov.au/browse/special-premium) |
| cmnwlth\_price\_to\_pharmacist | Price to Pharmacists is comprised of the ex-manufacturer price with the added wholesale mark-up where applicable (see Eighth Community Pharmacy Agreement). Used to determine the Dispensed Price Max Quantity (DPMQ). **Commonwealth Price is defined** in s84(1) of the [National Health Act 1953](https://www.legislation.gov.au/C1953A00095/latest/text). |
| man\_price\_to\_pharmacist | Price to Pharmacists is comprised of the ex-manufacturer price with the wholesale mark-up added (see Eighth Community Pharmacy Agreement). |
| man\_dispnsd\_price\_max\_qty | Same as Commonwealth Dispensing Price for Max Qty. |
| max\_record\_val\_for\_safety\_net | Maximum amount allowed to be recorded on a patients Safety Net Card. The amount comprises the Reimbursement Dispensed price for maximum quantity plus Safety Net Recording fee and is capped at the General Co Payment amount. Value for safety net purposes’ is determined in s17A of the [National Health (Pharmaceutical Benefits) Regulations 2017](https://www.legislation.gov.au/F2017L00313/latest/text).Abbreviation: MRVSN |
| cmnwlth\_dsp\_price\_max\_qty | Price for dispensing the maximum amount of a product under a given prescribing rule. The Dispensed Price Max Quantity (DPMQ) incorporates the price ex-manufacturer, all fees, mark-ups and patient contributions. Required for the PBS website and Schedule of Pharmaceutical Benefits. |
| tgm\_price\_phrmcst | Therapeutic Group Manufacturer's Price to Pharmacist (or Special Patient Contribution Manufacturer's Price to Pharmacist) (for manufacturer's pack). For S100 programs this value is the price ex-manufacturer. |
| tgm\_disp\_price\_max\_qty | Therapeutic Group Manufacturer's Dispensed Price for Maximum Quantity (or Special Patient Contribution Manufacturer's Dispensed Price for Maximum Quantity) (for manufacturer's pack). |
| special\_patient\_contribution | Special patient contribution is payable by all patients in addition to the relevant patient contribution for concessional and general patients (exemptions on medical grounds are available). Special Patient Contribution defined by s85B(5) of the [National Health Act 1953](https://www.legislation.gov.au/C1953A00095/latest/text), SPC for certain HSD pharmaceutical benefits is defined in the [National Health (Highly Specialised Drugs Program) Special Arrangement 2021](https://www.legislation.gov.au/F2021L00374/latest/text).[PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) defined as Medicinal Premium $ or  [Special patient contribution applies.](https://www.pbs.gov.au/browse/special-premium) |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /item-organisation-relationships

|  |  |
| --- | --- |
| **Table name** | ITEM\_ORGANISATION\_RLTD\_T |
| **Open API Tag name** | ItemOrganisationRltd |
| **Definition** | Represents the relationships between wholesalers/suppliers and extemporaneous benefit items (Prescribing rules). |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| organisation\_id | Unique and persistent identifier for an Organisation that allows the user to infer a wholesaling relationship between the Item and the Organisation. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /item-prescribing-text-relationships

|  |  |
| --- | --- |
| **Table Name** | ITEM\_PRESCRIBING\_TXT\_RLTD\_T |
| **Open API Tag name** | ItemPrescribingTxtRltd |
| **Definition** | Represents the relationships directly between Items (Prescribing Rules) and individual Prescribing Texts. These are limited to texts of type Note or Caution. Full restrictions for items are mapped via the endpoint */item-restriction-relationship*, and restriction components are mapped in the endpoint */restriction-prescribing-text-relationships*.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| prescribing\_txt\_id | Unique and persistent identifier for the Indication, Treatment Phase, Criterion, Prescribing Instruction, Caution or Note that is included in the restriction. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

**/item-pricing-events**

|  |  |
| --- | --- |
| **Table Name** | ITEM\_PRICING\_EVENT |
| **Open API Tag name** | ItemPricingEvent |
| **Definition** | Represents prices that have changed on the PBS, due to statutory price reductions. As these reductions only happens a few months of the year, the endpoint has no data for several schedules each year. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| li\_item\_id | Unique identifier for each row on the */items* endpoint generated using the Item Code and PharmCIS internal IDs (PIG ID, MP, MPP, TPP). |
| percentage\_applied | Brands of pharmaceutical items with approved ex-manufacturer price reduced by a lower percentage than would otherwise apply. |
| event\_type\_code | Code that describes the type of event that will trigger a change to a Medicinal Product's price.  |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /item-restriction-relationship

|  |  |
| --- | --- |
| **Table name**  | ITEM\_RESTRICTION\_RLTD\_T |
| **Open API Tag name** | ItemRestrictionRltd |
| **Definition** | This endpoint maps the many-to-many relationships between Items (Prescribing Rule) and Restrictions. It also displays the Note and Caution elements that are linked to a specific Item (Prescribing Rule).ID codes in this table can joined with the */restrictions* and */restriction-prescribing-text-relationships* endpoints to determine restriction text for Items (Prescribing Rule)endpoint */restriction-prescribing-text-relationships*.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| res\_code | Unique and persistent identifier for the Restriction (suffix *R*), or any Caution (suffix *C*) or Note (suffix *N*) associated with a Prescribing Rule (Item) that is not otherwise included in the restriction. |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| benefit\_type\_code | Determines if a benefit is restricted or not and if so the level of authority required for prescribing the benefit.Four levels of restriction categorisation are used for medicines on the PBS. This restriction level is recorded at the prescribing rule (item code) level. U - Unrestricted R - Restricted A - Authority Required  S - Authority Required: StreamlinedData columns *authority\_method* and *benefit\_type\_code* fields hold the same information in other endpoints. In a future release, data column for *authority\_method* will be split to show which Authorities need to *Comply with written Authority* requirements.  |
| restriction\_indicator | Indicates that the linked Text is of type Restriction (as compared to a Note or Caution).Values: Y/N. *Y* = Restriction type, *N* = Note or Caution type.  |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /items

|  |  |
| --- | --- |
| **Table Name** | ITEM\_T |
| **Open API Tag name** | Item |
| **Definition** | Captures the PBS item (drug) and its basic elements. One row per unique medicinal product, container and brand per schedule. It contains data related to a pharmaceutical benefit which is required to generate the PBS Legislative Instruments. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| li\_item\_id | Unique identifier for each row on the */items* endpoint generated using the Item Code and PharmCIS internal IDs (PIG ID, MP, MPP, TPP). |
| drug\_name | [PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) drug name, defined as Medicinal Product Pack – Name for Ready prepared and Infusible listings. Drug Tariff name for Extemporaneously Prepared listings.  |
| li\_drug\_name | Legally determined name of a drug used in legislative instruments - such as [National Health (Listing of Pharmaceutical Benefits) Instrument 2024](https://www.legislation.gov.au/F2024L00426/latest/text/2). |
| li\_form | Legally determined form (and strength) of a drug used in legislative instruments, such as [National Health (Listing of Pharmaceutical Benefits) Instrument 2024](https://www.legislation.gov.au/F2024L00426/latest/text/2). |
| schedule\_form | [PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) form, defined as Medicinal Product Pack -form & strength. |
| brand\_name | Brand or trade name used by the responsible person or supplier of a brand of drug. Also the legally determined Brand name used in legislative instruments, such as [National Health (Listing of Pharmaceutical Benefits) Instrument 2024](https://www.legislation.gov.au/F2024L00426/latest/text/2). *Brand* is defined in s84(1) of the [National Health Act 1953](https://www.legislation.gov.au/C1953A00095/latest/text) as: a) the trade name under which the person who is or will be the responsible person supplies the pharmaceutical item; or b) if there is no trade name - the name of the person who is or will be the responsible person.*Listed Brand* is defined in s84(1) of the [National Health Act 1953](https://www.legislation.gov.au/C1953A00095/latest/text) as:a pharmaceutical item means a brand of the pharmaceutical item in relation to which a determination under subsection 85(6) is in force.[PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) defined as Brand Name or Available Brands. |
| program\_code | Code used to group together PBS Items that have the same pricing model and follow the same business rules. Required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team.List of program codes can be found here: <https://data.pbs.gov.au/faq/program-codes.html>. |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| benefit\_type\_code | Determines if a benefit is restricted or not and if so the level of authority required for prescribing the benefit.Four levels of restriction categorisation are used for medicines on the PBS. This restriction level is recorded at the prescribing rule (item code) level. U - Unrestricted R - Restricted A - Authority Required  S - Authority Required: StreamlinedData columns *authority\_method* and *benefit\_type\_code* fields hold the same information in other endpoints. In a future release, data column for *authority\_method* will be split to show which Authorities need to *Comply with written Authority requirements*.  |
| caution\_indicator | Indicates that Cautions exist to be applied to the Item as part of its Restrictions.Values: *Y/N* |
| note\_indicator | Indicates that Notes exist to be applied to the Item as part of its Restrictions.Values: *Y/N* |
| manner\_of\_administration | Legal instrument terminology that describes the manner in which a listed drug can be administered. Manner of administration is defined in s8 of the National Health (Listing of Pharmaceutical Benefits) Instrument 2024. |
| maximum\_prescribable\_pack | Note: Formally *MAXIMUM\_QUANTITY*. The maximum quantity of a pharmaceutical benefit allowed to be prescribed/dispensed as recommended by the Pharmaceutical Benefits Advisory Committee (PBAC).[PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) defined as *Max.Qty Packs*. |
| maximum\_quantity\_units | Maximum to be prescribed to provide a sufficient quantity of a drug for one normal course of therapy. Described in units of the drug that can be dispensed, as distinct from *maximum\_prescribable\_pack*. |
| number\_of\_repeats | Number of repeat prescriptions of a pharmaceutical benefit allowed to be prescribed/dispensed as recommended by the Pharmaceutical Benefits Advisory Committee (PBAC).[PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) defined as *No. of Rpts*. |
| organisation\_id | Unique and persistent identifier for the linking an Item to its Manufacturer in the */organisations* endpoint. |
| manufacturer\_code | Unique identifier for an organisation/manufacturer/responsible person of a listed brand. A *manufacturer\_code* cannot be associated with a specific Item code (Prescribing Rule) more than once. [PBS Schedule](https://www.pbs.gov.au) defined as *Manufacturer.* |
| pack\_size | Quantity contained in the manufacturer's pack:*pack quantity* for drugs are listed in Schedule 1 to [National Health (Listing of Pharmaceutical Benefits) Instrument 2024.](https://www.legislation.gov.au/F2024L00426/latest/text) *pack size* is referenced in Schedule 2 to [National Health (Highly Specialised Drugs Program) Special Arrangement 2021.](https://www.legislation.gov.au/F2021L00374/latest/text)[PBS Schedule](https://www.pbs.gov.au/browse/medicine-listing) pack size, defined as *Medicinal Product Pack* - *pack size*. |
| pricing\_quantity | Quantity of a drug to be used as the unit of measure for pricing calculations. |
| pack\_not\_to\_be\_broken\_ind | Indicates where payment for supply of certain pharmaceutical benefits will only be made if the benefit is supplied as the complete pack.  *Y* = The maximum quantity matches (or is a multiple of) the pack size and the full maximum quantity should be supplied without breaking the pack. These listings are marked with a *double dagger* icon in the schedule. *N* = The pack may be broken if necessary in order to dispense the prescribed quantity.*Null* = for Extemporaneous preparation items. |
| claimed\_price | Price claimed by a responsible person, by reference to a quantity or number of units, to be the price for sales of a brand of a pharmaceutical item to approved pharmacists - as per Section 7 of the [National Health (Price and Special Patient Contribution) Determination 2022](https://www.legislation.gov.au/F2022L01295/latest/text). The difference between the Dispensed Price calculated based on the Claimed Price and the Dispensed Price calculated based on the Determined Price (AEMP) is known as a brand premium and is paid by the patient. |
| determined\_price | Determined price means the amount specified in a determination in force under subsection 85B(2). Determined price is defined in s84(1) of the [National Health Act 1953](https://www.legislation.gov.au/C1953A00095/latest/text). |
| determined\_qty | Where a Prescribing Rule (Item) has a *maximum\_amount* instead of a *maximum\_quantity\_units*, the value of this field will be *Y*. This should only apply to Infusible items, i.e. program\_code = IN, IP, TY, TZ.Values: *Y/N*. Extemporaneous will change from Null to N in a future release.  |
| safety\_net\_resupply\_rule\_days | Number of days that must elapse for a repeat supply of a drug to be counted towards a patient’s safety net threshold as per the National Health (Pharmaceutical benefits early supply) Instrument 2015. |
| safety\_net\_resup\_rule\_cnt\_ind | Indicates if pharmaceutical item is subject to the Safety Net Early Supply Rule - *safety\_net\_resupply\_rule\_days*. Values: *Y/N*. Extemporaneous will change from Null to N in a future release.  |
| extemporaneous\_indicator | Indicates medicines that are extemporaneous ingredients.Values: *Y/N* |
| extemporaneous\_standard | Indicates the Pharmaceutical Reference Standards which must be applied when specific drugs are compounded by a pharmacy. |
| doctors\_bag\_group\_id | Group ID indicating groups of medicines on the Prescriber Bag schedule where a prescribers can access one of the drugs from a group per month. Refer to Section 7(4) - of [National Health (Prescriber Bag Supplies) Determination 2024](https://www.legislation.gov.au/F2024L00414/latest/text). |
| section100\_only\_indicator | Indicates that a drug is only listed on the section 100 program/s. i.e. *program\_code* = IN, IP, TY, TZ.Values: *Y/N*. *program\_code* = EP will default to *N*. |
| doctors\_bag\_only\_indicator | Indicates that a drug is only listed on the prescriber bag program. i.e. *program\_code* = DB. Section 22 of the [National Health (Listing of Pharmaceutical Benefits) Instrument 2024](https://www.legislation.gov.au/F2024L00426/latest/text/5) provides codes for Listed drugs and pharmaceutical benefits that can only be supplied under the prescriber bag provisions.Values: *Y/N*. *program\_code* = EP will default to *N*. |
| brand\_substitution\_group\_id | Unique schedule equivalence group ID that indicates that brands of the same form of a drug, or brands of different forms of the same drug are equivalent for the purposes of substitution by the pharmacist. Null for items that cannot be substituted.  |
| brand\_substitution\_group\_code | Schedule equivalence code used in the PBS schedule that indicates that brands of the same form of a drug, or brands of different forms of the same drug are equivalent for the purposes of substitution by the pharmacist. *a*  -flag  *b*  -flag if there are two groups of equivalent brands against one item codeAlso known as the Schedule Equivalent or Bioequivalency Indicator. |
| supply\_only\_indicator | Indicates supply only status. Products that have a status of Supply Only are available for dispensing, but not for prescribing. Ready‑prepared pharmaceutical benefits for supply only drugs are listed in Part 2 to Schedule 1 of [National Health (Listing of Pharmaceutical Benefits) Instrument 2024](https://www.legislation.gov.au/F2024L00426/latest/text/5).  |
| supply\_only\_date | Date from which the Supply Only status for the item comes into effect. When the Supply Period is in effect, generally the *advanced\_notice\_date* will be blank. |
| non\_effective\_date | Date from which the medicine will cease to be listed on the PBS when given an advanced notice date (see *advanced\_notice\_date*), and is not placed into Supply Only – ie the date the item is projected to become non-effective. This field will not be populated when a row is removed (becomes non-effective) from the API without advanced notice. This date only shows the *non\_effective\_date* for future schedule dates. If the item is removed from a schedule prior to the previously projected *non\_effective\_date*, this field will not update, as the whole row is removed from the API in the schedule where delisting occurs. Key dates for rows marked as Supply Only are reported in *supply\_only\_date* and *supply\_only\_end\_date*. |
| weighted\_avg\_disclosed\_price | Price Disclosure price and has not been released before. Will be NULL in future schedules until this field can be removed.  |
| originator\_brand\_indicator | Indicates that the brand of pharmaceutical item was determined under S99ADB(6B) of the NHA to be an originator brand for the purposes of Price Disclosure, because the listed drug was in F1 or CDL when the brand was determined. |
| paper\_med\_chart\_eligible\_ind | Eligibility Indicator for Paper National Residential Medication Charts (NRMC) for use in Residential Aged Care Facilities. Requirements for medication chart prescriptions are determined in s41 of the [National Health (Pharmaceutical Benefits) Regulations 2017](https://www.legislation.gov.au/F2017L00313/latest/text). |
| elect\_med\_chart\_eligible\_ind | Eligibility Indicator for Electronic National Residential Medication Charts (eNRMC) for use in Residential Aged Care Facilities. Eligible pharmaceutical benefits are determined by s5 of [National Health (Electronic National Residential Medication Chart Trial) Special Arrangement 2018](https://www.legislation.gov.au/F2018L01004/latest/text). |
| hsptl\_med\_chart\_eligible\_ind | Eligibility Indicator for Hospital Medication Charts. Requirements specified in [National Health (Pharmaceutical Benefits Scheme Hospital Medication Chart Paperless Claiming Trial) Special Arrangement 2017](https://www.legislation.gov.au/F2017L00936/latest/text). |
| paper\_med\_chart\_duration | Duration/Length of the charting cycle for Paper National Residential Medication Charts (NRMC) for use in Residential Aged Care Facilities. Determined as 1, 4 or 12 months in ss41(2)(f) of [National Health (Pharmaceutical Benefits) Regulations 2017](https://www.legislation.gov.au/F2017L00313/latest/text). |
| elect\_med\_chart\_duration | Duration/Length of the charting cycle for Electronic National Residential Medication Charts (eNRMC) for use in Residential Aged Care Facilities. Determined in ss45(3) of [National Health (Pharmaceutical Benefits) Regulations 2017](https://www.legislation.gov.au/F2017L00313/latest/text). |
| hsptl\_chart\_acute\_duration | Duration/Length of the charting cycle for Hospital Medical Charts for patients with Acute conditions. |
| hsptl\_chart\_sub\_acute\_duration | Duration/Length of the charting cycle for Hospital Medical Charts for patients with Sub-Acute conditions. |
| hsptl\_chart\_chronic\_duration | Duration/Length of the charting cycle for Hospital Medical Charts for patients with Chronic conditions. |
| pack\_content | The number of total *unit\_of\_measure* in the manufacturer's pack (TPP). |
| vial\_content | The amount of active ingredient in a single MPUU. This is not the same as the form-and-strength of the MPUU. |
| infusible\_indicator | Indicates that the Prescribing Rule uses an infusible (Chemotherapy) program. These are drugs that are administered in an infusible form including drugs administered by bolus injection (rapid delivery of medication via a syringe into a catheter). i.e*. program\_code* = IN, IP, TY, TZ. |
| unit\_of\_measure | Relevant unit of measure (eg, mg) e.g. 1 mg, 1 i.u. E.g. Milligram, Micrograms, International Units. |
| continued\_dispensing\_flag | Indicates that a drug is available under the Continued Dispensing Measure, National Health (Continued Dispensing) Determination 2022 (legislation.gov.au). Supply of an eligible medicine to a person by an approved pharmacist, where there is an immediate need for the medicine, but the Pharmaceutical Benefits Scheme (PBS) prescriber is unable to be contacted and/or is unable to provide an electronic PBS prescription or owing prescription. Continued Dispensing enables community pharmacists to supply the PBS maximum quantity of an eligible medicine to a person at the usual PBS price, under specific circumstances. The person must have previously been supplied the medicine on the basis of a PBS prescription, and the pharmacist may supply the medicine to the patient under Continued Dispensing arrangements once within a 12-month period.60-day prescription quantity of a pharmaceutical benefit may only be dispensed to a patient under Continued Dispensing arrangements if the previous supply of that benefit was the same 60-day prescription quantity. As per the existing CD provisions, a patient may only obtain a given pharmaceutical benefit without a script once per year, regardless of the quantity supplied under those provisions. |
| continued\_dispensing\_emergency | Indicates that a drug is available under the Continued Dispensing Emergency Measure (CDEM), initially put in place for the 2020 bushfire crisis and later extended to support the COVID-19 pandemic, concluded 30 June 2022. CDEM was in place again in 2023.The National Health (Continued Dispensing - Emergency Measure) Determination (Instrument) can be used to provide temporary access under Continued Dispensing arrangements to a wider range of medicines than those available under ongoing arrangements under the National Health (Continued Dispensing) Determination 2022. The Instrument is primarily intended to support patients where there is an immediate need for the medicine but the PBS prescriber is unable to be contacted and/or is unable to provide an electronic PBS prescription or owing prescription.60-day prescription quantity of a pharmaceutical benefit may only be dispensed to a patient under Continued Dispensing arrangements if the previous supply of that benefit was the same 60-day prescription quantity. As per the existing CD provisions, a patient may only obtain a given pharmaceutical benefit without a script once per year, regardless of the quantity supplied under those provisions. |
| maximum\_amount | Maximum Amount of Medicinal Product which may be prescribed without obtaining a special or additional authority from Medicare Australia. It is based on the maximum amount in terms of the *unit\_of\_Measure*. Defined only for infusible items, i.e. *program\_code* = IN, IP, TY, TZ. |
| formulary | A formulary is an official list giving details of prescribable medicines.Section 85AB of the National Health Act 1953 provides that listed drugs be assigned to formularies identified as F1 or F2.  Generally, F1 is intended for single brand drugs and F2 for drugs that have multiple brands or are in a therapeutic group with other drugs with multiple brands. Drugs on F2 are subject to the provisions of the Act relating to statutory price reductions, price disclosure and guarantee of supply.  *F1 or F2* - is determined by the National Health (Listed Drugs on F1 or F2) Determination 2021.CDL - Single brand combination drugs. F2A and F2T - old terms that no longer exist as of 2011. These were used to facilitate PBS reforms/reductions. So F2A and F2T are now collectively F2. *Null* - all items not subject to the provisions of the Act. Program codes Repatriation Pharmaceutical Benefits Scheme (RPBS) (R1) and Extemporaneously Prepared Pharmaceutical Benefits (EP). |
| water\_added\_ind | Indicates that a ready prepared item is mixed with purified water (another listed item) prior to dispensing. |
| section\_19a\_expiry\_date | The expiry date of an approval for an item granted under Section 19A of the Therapeutic Goods Act. This indicator relates to approvals of items that are not on the Australian Register of Therapeutic Goods (ARTG) but are required due to a shortage of a registered medicine/item and is needed in the interest of public health. This is a DoHAC managed field and may not always match the actual TGA listed expiry date.  |
| container\_fee\_type | Determines the type of Fee to be added to the Item dependent on the Container. Container fee is referenced in:[Commonwealth price (Pharmaceutical benefits supplied by approved pharmacists) Determination 2020](https://www.legislation.gov.au/F2020L00806/latest/text). |
| policy\_applied\_imdq60\_base\_flag | Indicates whether the Increased Maximum Dispensing Quantity was introduced for this base Prescribing Rule.From 1 September 2023, some patients living with a stable health condition will be able to receive twice the medication for the cost of a single prescription. Once fully implemented, this will apply to more than 300 medicines listed on the PBS. The full list of PBS medicines deemed as safe and suitable for 60-day prescriptions was recommended by the independent Pharmaceutical Benefits Advisory Committee (PBAC).This flag will be applied to all item codes that have been added to the PBS schedule with an increased maximum dispensed quantity in order to apply this policy (i.e. to allow a 60-day prescription). Values: *Y/N*. Extemporaneous will change from Null to N in a future release.  |
| policy\_applied\_imdq60\_flag | Indicates whether the Increased Maximum Dispensing Quantity for 60-day scripts policy has been applied to this Prescribing Rule. From 1 September 2023, some patients living with a stable health condition will be able to receive twice the medication for the cost of a single prescription. Once fully implemented, this will apply to more than 300 medicines listed on the PBS. The full list of PBS medicines deemed as safe and suitable for 60-day prescriptions was recommended by the independent Pharmaceutical Benefits Advisory Committee (PBAC).This flag will be applied to all item codes for a single maximum dispensed quantity (MDQ) used to create an increased MDQ item code (i.e. to allow a 60-day prescription). A new item code was created to double the maximum quantity of this single MDQ item code. Values: *Y/N*. Extemporaneous will change from Null to N in a future release.  |
| policy\_applied\_bio\_sim\_up\_flag | Indicates whether the Biosimilar Uptake Driver policy has been applied to this Prescribing Rule.The Australian Government supports initiatives to increase the use of biosimilar medicines as they increase competition between brands and help make the PBS more sustainable. As part of the 2017 Budget process the Government reached agreement with Medicines Australia, the Generic and Biosimilar Medicines Association and the Pharmacy Guild of Australia to implement biosimilar uptake drivers. Two specific biosimilar uptake drivers are currently in place to: • encourage prescribing of a biosimilar brand rather than the reference biological brand for treatment naïve patients; and • provide for a simpler and faster approval process for prescribing biosimilar brands (e.g. streamlined authority) while maintaining an existing higher level authority requirement for the reference biological brand.Information about biosimilar medicines can be found on the Department of Health and Aged Care [website](https://www.health.gov.au/topics/medicines/about-medicines). This flag will be applied to all item codes where this policy applies. Values: *Y/N*. Extemporaneous will change from Null to N in a future release.  |
| policy\_applied\_indig\_phar\_flag | Indicates whether the Aboriginal and Torres Strait Islander People policy has been applied to this Prescribing Rule.The Australian Government is committed to improving the capability of the Pharmaceutical Benefits Scheme (PBS) to better meet the needs of Aboriginal and Torres Strait Islander people. The Pharmaceutical Benefits Advisory Committee is assisting this goal by evaluating and recommending the listing of medications specifically to help with the health needs of Aboriginal and Torres Strait Islander people. A list of all PBS items that are limited for prescription to Aboriginal and Torres Strait Islander people can be found [here](https://www.pbs.gov.au/info/publication/factsheets/shared/pbs-listings-for-aboriginal-and-torres-strait-islander-people.).Values: *Y/N*. Extemporaneous will change from Null to *N* in a future release.  |
| therapeutic\_exemption\_indicator | Indicates whether a therapeutic group exemption applies for a ready prepared item.Mapping for Infusible Items *infusible* should be the same as Ready Prepared Items *ready-prepared* but that cannot be confirmed as there are no cases in the XML.Values: *Y/N* |
| premium\_exemption\_group\_id | Lists the group id that links all Items under the same Premium Exemption Group. Null if there is no group.  |
| doctors\_bag\_group\_title | The title of the indicating group of medicines on the Prescriber Bag schedule where a prescriber can access one of the drugs from a group per month. See also *doctors\_bag\_group\_id.*Null if there is no group. |
| therapeutic\_group\_id | Group used to denote medicines of the same type treating the same condition. Medicines in a Therapeutic Group are said to be interchangeable at the patient level. Null if there is no group. |
| therapeutic\_group\_title | Title of the Group used to denote medicines of the same type treating the same condition. Medicines in a Therapeutic Group are said to be interchangeable at the patient level. Refer to Schedule 1 to [National Health (Pharmaceutical Benefits - Therapeutic Groups) Determination 2020](https://www.legislation.gov.au/F2020L00307/latest/text).Null if there is no group. |
| advanced\_notice\_date | Date on which an Item or row of API data is placed into advanced notice status for future delisting or Supply Only purpose. If the *non\_effective\_date* changes this will continue to display the first date Advance Notice appears. Refer to *non\_effective\_date* for delisting items, and to *supply\_only\_end\_date* for the Supply Only items to determine the projected date the item will cease to be a PBS benefit. |
| supply\_only\_end\_date | End date of the Supply Only period. The date on which the Supply Only period for the row is projected to end, and the item will become non-effective and no longer a PBS benefit. If the item is removed from a schedule prior to the previously projected *supply\_only\_end\_date*, this field will not update with the new end date, as the whole row is removed from the API in the schedule in the schedule it is no longer effective. If an item in Supply Only status is relisted as a PBS benefit, this will remain in the API, with the *supply\_only\_indicator* updating to a value of *N*. |
| first\_listed\_date | Date at which a listing (per row) on the PBS became effective. |
| legal\_unar\_ind  | The listed drug is defined as *Unrestricted - No Authority Required* in the Highly Specialised Drugs special arrangement. Public hospital prescriptions for UNAR drugs can be dispensed by approved s94 public hospital authorities or by s90 approved pharmacists. |
| legal\_car\_ind  | The listed drug is defined as *Complex Authority Required* in the Highly Specialised Drugs special arrangement. Public hospital prescriptions for CAR drugs can be dispensed by approved s94 public hospital authorities or by s90 approved pharmacists. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /markup-bands

|  |  |
| --- | --- |
| **Table Name** | MARKUP\_BAND\_T |
| **Open API Tag name** | MarkupBand |
| **Definition** | Contains the details of markups available to manufacturers within a PBS program.A mark-up is the sum of all the additional charges and costs imposed on a product necessary to recover production costs and generate a profit for a product. Varying applicability of mark-ups are described in the [Manual of resource items and their associated unit costs](https://www.pbs.gov.au/industry/useful-resources/manual/manual-of-resource-items-and-associated-unit-costs-dec-2016.pdf) , see also [Commonwealth price (Pharmaceutical benefits supplied by approved pharmacists) Determination 2020](https://www.legislation.gov.au/F2020L00806/latest/text). |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| program\_code | Code used to group together PBS Items that have the same pricing model and follow the same business rules. Required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team.List of program codes can be found here: <https://data.pbs.gov.au/faq/program-codes.html>. |
| dispensing\_rule\_mnem | Short descriptive phrase to enable the identification of a group of Dispensing Rules. |
| markup\_band\_code | A markup band defining an amount that is added to the price. *A* - no mark-up Public hospital  *C* - standard three-tier ready-prepared mark-up; the price to pharmacist for maximum quantity determines which tier applies *D* – S100 or infusibles  *E* – PQ program code *W* - wholesale markup |
| limit | Amount at which the markup band begins to apply. |
| variable | Variable component of the markup. This value is a percentage that is applied to the (Price to Pharmacist for Maximum Prescribable - offset). The default value is 0%, i.e. no variable component. |
| offset | Amount that is added to the Price to Pharmacist for Maximum Prescribable before calculating the variable component of the markup. The default value is 0.00, i.e. no offset. A negative amount is a reduction offset.  |
| fixed | Fixed component of the markup. This amount is added to the markup. The default value is 0.00, i.e. no fixed component. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

**/organisations**

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| --- | --- |
| **Table Name** | ORGANISATION\_T |
| **Open API Tag name** | Organisation |
| **Definition** | Organisations who supply pharmaceuticals to the PBS system. Also known as manufacturers, responsible persons, suppliers, wholesalers and companies. Responsible person is defined in s84(1) of the N[ational Health Act 1953](https://www.legislation.gov.au/C1953A00095/latest/text). Responsible Persons are listed in Schedule 3 to the [National Health (Listing of Pharmaceutical Benefits) Instrument 2024](https://www.legislation.gov.au/F2024L00426/latest/text/5). |

**Columns**

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| **Column Name** | **Definition** |
| organisation\_id | Unique and persistent identifier for an Organisation. |
| name | Name of the organisation/manufacturer/responsible person. |
| abn | Australian Business Number of the organisation/manufacturer/responsible person. |
| street\_address | Street address of the organisation/manufacturer/responsible person. |
| city | City of the organisation/manufacturer/responsible person. |
| state | State of the organisation/manufacturer/responsible person. |
| postcode | Postcode of the organisation/manufacturer/responsible person. |
| telephone\_number | Contact number of organisation/manufacturer/responsible person. |
| facsimile\_number | Fax number of organisation/manufacturer/responsible person. Currently Null values only.  |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /parameters

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| **Table Name** | PARAMETER\_T |
| **Open API Tag name** | Parameter |
| **Definition** | Additional information for Parameter records associated with Criteria. Relationships between the parameters for a given Criteria are defined with *OR* Qualifiers (see the /*criteria-parameter-relationship* endpoint). |

**Columns**

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| **Column Name** | **Definition** |
| assessment\_type | Defines the level of assessment that applies this parameter to a criteria.Values: *IMMEDIATE FULL* |
| parameter\_prescribing\_txt\_id | Unique and persistent identifier for a Parameter. |
| parameter\_type | Determines the type and sub-type categories of the parameter. Values: *TREATMENT\_LOCATION TREATMENT\_CARE\_TYPE TREATMENT\_PRESCRIBER CLINICAL\_CONDITION CLINICAL\_TREATMENT CLINICAL\_PATIENT POPULATION\_AGE POPULATION\_SEX POPULATION\_OTHER* |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /prescribers

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| --- | --- |
| **Table Name** | PRESCRIBER\_T |
| **Open API Tag name** | Prescriber |
| **Definition** | Lists the prescribers that apply to an item. A PBS item may have several prescribers. |

**Columns**

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| **Column Name** | **Definition** |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| prescriber\_code | Single character code that identifies the type of prescriber who can prescribe pharmaceutical benefits where indicated in the PBS Schedule. Displays as a 2 letter code on the PBS schedule and in Schedule 1 to [National Health (Listing of Pharmaceutical Benefits) Instrument 2024](../National%20Health%20%28Listing%20of%20Pharmaceutical%20Benefits%29%20Instrument%202024); and Schedule 1 to the [National Health (Prescriber Bag Supplies) Determination 2024](../National%20Health%20%28Prescriber%20Bag%20Supplies%29%20Determination%202024). *M* - authorised medical practitioner *N* - authorised nurse practitioner *W* - authorised midwife *O* - authorised optometrist *D* - authorised dental practitioner |
| prescriber\_type | Textual description of the type of Prescriber.Values are: Dental   Medical Practitioners   Midwives   Optometrist   Nurse Practitioners   |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /prescribing-texts

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| --- | --- |
| **Table Name** | PRESCRIBING\_TXT\_T |
| **Open API Tag name** | PrescribingTxt |
| **Definition** | Restrictions are also known as prescribing texts. Prescribing texts are divided into two categories – informational (such as notes and cautions) and legal, and include the following components:Category - InformationalComponent: foreword administrative advice (notes) cautionCategory: LegalComponents: definition prescriber instruction indication treatment phase criteria parameter |

**Columns**

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| --- | --- |
| **Column Name** | **Definition** |
| prescribing\_txt\_id | Unique and persistent identifier for the Indication, Treatment Phase, Criterion, Prescribing Instruction, Caution or Note that is included in the restriction. |
| prescribing\_type | Text description of the type of restriction element. Values are: LEGACY\_SCHEDULE\_TEXT LEGACY\_LI\_TEXT CRITERIA INDICATION ADMINISTRATIVE\_ADVICE CAUTION FORWORD PARAMETER PRESCRIBING\_INSTRUCTIONS |
| prescribing\_txt | Restrictions are also broadly described as prescribing texts. The term prescribing texts encompasses informational text such as notes and cautions. This field includes the text information of the restriction element.  |
| prscrbg\_txt\_html | Restrictions are also broadly described as prescribing texts. The term prescribing texts encompasses informational text such as notes and cautions. This field presents the prescribing text in fully marked-up HTML format. This is not true HTML full formatting. A future update will represent this information in a more usable way.  |
| complex\_authority\_rqrd\_ind | This indicates whether an item (prescribing rule) to which this element applies meets the legal definition for the HSD100 - Complex Authority Required Items, identified as CAR in the legislation. Values: *Y* - Is Complex, *N* - Not Complex |
| assessment\_type\_code | One of two criteria used to determine the *level* of authority required from Services Australia for a prescriber to prescribe an authority required medicine. *IMMEDIATE* - the authority can be assessed by prescriber answering YES/NO questions i.e. set criteria. *FULL* - the authority needs to be assessed by a someone at Services Australia. This usually requires evidence to be submitted to Services Australia in written form. *NULL* - No Value |
| apply\_to\_increase\_mq\_flag | Indicates that the *prescribing\_txt* contains instructions applicable to the increase of the Maximum Quantity for the prescribing of an Item. Refer to *prescribing\_txt* text information for the specific instructions that apply. Values: *Y/N* |
| apply\_to\_increase\_nr\_flag | Indicates that the *prescribing\_txt* contains instructions applicable to the increase of the Number of Repeats for the prescribing of an Item. Refer to *prescribing\_txt* text information for the specific instructions that apply.Values: *Y/N* |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /program-dispensing-rules

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| --- | --- |
| **Table Name** | PROGRAM\_DISPENSING\_RULE\_T |
| **Open API Tag name** | ProgramDispensingRules |
| **Definition** | Captures the dispensing rules that relate to each individual program. The dispensing rule describes the fees and charges that apply to a Prescribing Rule, depending on the program that Prescribing Rule is listed under, and the setting in which the script for that Prescribing rule is applied.  |

**Columns**

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| --- | --- |
| **Column Name** | **Definition** |
| program\_code | Code used to group together PBS Items that have the same pricing model and follow the same business rules. Required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team.List of program codes can be found here: <https://data.pbs.gov.au/faq/program-codes.html>. |
| dispensing\_rule\_mnem | Short descriptive phrase to enable the identification of a group of Dispensing Rules. |
| default\_indicator | Indicates that this is the default dispensing rule for the program.Values = *Y/N*. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /programs

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| --- | --- |
| **Table Name** | PROGRAM\_T |
| **Open API Tag name** | Program |
| **Definition** | A program represents a subsection of the PBS, related to what setting, and how it is administered. Fees and dispensing rules apply differently to each program. Each Prescribing Rule (item code) can be in only one program.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| program\_code | Code used to group together PBS Items that have the same pricing model and follow the same business rules. Required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team.List of program codes can be found here: <https://data.pbs.gov.au/faq/program-codes.html> |
| program\_title | Title of program specified by the abbreviation in *program\_code* field.  |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /restriction-prescribing-text-relationships

|  |  |
| --- | --- |
| **Table Name** | RSTRCTN\_PRSCRBNG\_TXT\_RLTD\_T |
| **Open API Tag name** | RstrctnPrscrbngTxtRltd |
| **Definition** | Represents the relationship between Restrictions and Prescribing Text elements. A Restriction is made from one or many Prescribing Texts - this endpoint shows the connections and order of display for the Prescribing Texts within a Restriction. Prescribing texts are divided into two categories - informational (such as notes and cautions) and legal, and both can be assigned to a restriction code. Specific information on a given Prescribing text can be seen on the */prescribing-texts* endpoint.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| res\_code | Unique and persistent identifier for the Restriction (suffix *R*), or any Caution (suffix *C*) or Note (suffix *N*) associated with a Prescribing Rule (Item) that is not otherwise included in the restriction. |
| prescribing\_text\_id | Unique and persistent identifier for the Indication, Treatment Phase, Criterion, Prescribing Instruction, Caution or Note that is included in the restriction.  |
| pt\_position | Captures the ascending sequence/order number with the one-to-many prescribing texts which appear in a restriction. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /restrictions

|  |  |
| --- | --- |
| **Table Name** | RESTRICTION\_TEXT\_T |
| **Open API Tag name** | RestrictionText |
| **Definition** | Text for restrictions, notes and cautions required in the legislative instruments and the schedule. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| res\_code | Unique and persistent identifier for the Restriction (suffix *R*), or any Caution (suffix *C*) or Note (suffix *N*) associated with a Prescribing Rule (Item) that is not otherwise included in the restriction. |
| treatment\_phase | Textual description of how the treatment phase should be handled as part of the Restriction.Null when there is no specified treatment phase. |
| authority\_method | Determines if a benefit is restricted or not and if so the level of authority required for prescribing the benefit.Four levels of restriction categorisation are used for medicines on the PBS. This restriction level is recorded at the prescribing rule (item code) level. R - Restricted *A* - Authority Required  *S* - Authority Required: StreamlinedData columns *authority\_method* and *benefit\_type\_code* fields hold the same information in other endpoints. In a future release, data column for *authority\_method* will be split to show which Authorities need to *Comply with written Authority* requirements. |
| treatment\_of\_code | Treatment of Code (ToC) maps directly to the legal instrument text of a restriction, i.e. all restriction text except notes and cautions. For Streamlined Authority listings, the ToC also represents the Streamline Code. The restriction number will change when any of the restriction elements change. A change to a *treatment\_of\_code* number will also trigger a change to the *restriction\_number*. A change to a Note or Caution will change *a restriction\_number*, but will not change a *treatment\_of\_code*. |
| restriction\_number | A Restriction Number maps to all the restriction text, including notes and cautions for a given restriction. The restriction number will change when any of the restriction elements change. A change to a *treatment\_of\_code* number will also trigger a change to the *restriction\_number.* A change to a Note or Caution will change a *restriction\_number*, but will not change a *treatment\_of\_code*. |
| li\_html\_text | Legal Restriction Text or Prescribing Text for the given Restriction, does not include Notes and Cautions. This is not true HTML full formatting. A future update will represent this information in a more usable way. |
| schedule\_html\_text | Schedule Restriction Text including all legal elements and Notes and Cautions. This is not true HTML full formatting. A future update will represent this information in a more usable way.Known issue - does not display information as per schedule. Fix coming soon.  |
| note\_indicator | Indicates that the restriction text relates to a Note. Relates to *N* suffix in *res\_code*.  |
| caution\_indicator | Indicates that the restriction text relates to a Caution. Relates to *C* suffix in *res\_code*. |
| complex\_authority\_rqrd\_ind | This indicates whether an item (prescribing rule) to which this element applies meets the legal definition for the HSD100 - Complex Authority Required Items, identified as CAR in the legislation. Values: *Y* - Is Complex, *N* - Not Complex |
| assessment\_type\_code | One of two criteria used to determine the *level* of authority required from Services Australia for a prescriber to prescribe an authority required medicine. *IMMEDIATE* - the authority can be assessed by prescriber answering YES/NO questions i.e. set criteria. *FULL* - the authority needs to be assessed by a someone at Services Australia. This usually requires evidence to be submitted to Services Australia in written form. This equates to NHL s4 *Comply with written Authority.* *NULL* - No Value. |
| criteria\_relationship | Defines the type of relationship between criteria associated with the restriction text. Currently only has values of ALL or NULL. For a value of *All*, all Criteria must be satisfied to be eligible for the PBS benefit for the item.  |
| variation\_rule\_applied | Indicates that the Restriction has a Variation Rule applied to it. A Variation Rule is a restriction element which is applicable to the authorisation of increased quantities and/or repeats. |
| first\_listing\_date | The first date at which the restriction became effective on the PBS. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /schedules

|  |  |
| --- | --- |
| **Table Name** | SCHEDULE\_T |
| **Open API Tag name** | Schedule |
| **Definition** | This endpoint lists all values for the *schedule\_code* available in the Datamart, as used by all other endpoints to distinguish sets of changes. Each row relates to set of PBS data that encompasses the PBS data for the Effective date. Each effective date can have one or more revisions. Thirteen (13) months’ worth of schedules, including the most recent, will be available in the Datamart. |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| revision\_number | Number denoting the sequence of published revisions to the schedule for a given *effective\_date*. Only the final version will be visible for past published schedules.  |
| start\_tsp | Starting timestamp for this Schedule.Example: 2023-10-01T00:00:00.000+10:00 |
| effective\_date | Specific date for which the data mart is valid. Example: 1/10/2023 |
| effective\_month | Specific month for which the data mart is valid in text.Example: OCTOBER |
| effective\_year | Specific year for which the data mart is valid. Example: 2023 |
| publication\_status | Assigned status of this Schedule indicating the step in the publication process.Values: *Embargo Published Embargo (Superseded)* |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /standard-formula-preparations

|  |  |
| --- | --- |
| **Table Name** | STANDARD\_FORMULA\_PREPARATION\_T |
| **Open API Tag name** | StandardFormulaPreparations |
| **Definition** | List of standard formula preparations with agreed prices which can be prepared extemporaneously by a compounding pharmacist. A *standard formula preparation* is defined in s3 of the [National Health (Commonwealth Price - Pharmaceutical Benefits Supplied By Public Hospitals) Determination 2017](https://www.legislation.gov.au/F2017L00372/latest/text). |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| pbs\_code | PBS Item Code relates directly to a Prescribing Rule. A drug/form combination will have a different PBS Item Code for each combination of maximum quantity (or maximum amount), number of repeats, pack quantity, restriction level or if the drug/form combination is listed on different programs. This information is required for the PBS website, Schedule of Pharmaceutical Benefits and legislative instruments compiled by the PBS Publishing Team. |
| sfp\_drug\_name | Name given to a standard formula preparation drug using Australian Medicine Terminology (AMT) naming conventions. Displayed on PBS websites, the Schedule of Pharmaceutical Benefits and the legislative instruments compiled by the PBS Publishing Team. Standard formula preparations are listed in Schedule 5 of [National Health (Commonwealth Price and Conditions for Commonwealth Payments for Supply of Pharmaceutical Benefits) Determination 2019](https://www.legislation.gov.au/F2020L00059/latest/text). |
| sfp\_reference | Indicates the Pharmaceutical Reference Standards which must be applied when specific drugs are compounded by a pharmacy. Standards are referenced in Schedule 5 of the [National Health (Commonwealth Price and Conditions for Commonwealth Payments for Supply of Pharmaceutical Benefits) Determination 2019](https://www.legislation.gov.au/F2020L00059/latest/text).  |
| container\_fee | Container Fee is paid to the dispenser. It is added to the item price for the container used for the extemporaneously prepared item. |
| dispensing\_fee\_max\_quantity | Fee for the Maximum quantity of a PBS Extemporaneously Prepared item.  |
| safety\_net\_price | Maximum value that an Item (Prescribing Rule) can have recorded against the PBS Safety Net. |
| maximum\_patient\_charge | Maximum total of all fees and costs that a patient can be charged for an Item (Prescribing Rule). |
| maximum\_quantity\_unit | Unit of Measure applicable to the pharmaceutical benefit. |
| maximum\_quantity | Maximum quantity of a pharmaceutical benefit allowed to be prescribed/dispensed as recommended by the Pharmaceutical Benefits Advisory Committee (PBAC). |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |

# /summary-of-changes

|  |  |
| --- | --- |
| **Table Name** | SUMMARY\_OF\_CHANGES\_T |
| **Open API Tag name** | SummaryOfChanges |
| **Definition** | Represents the PBS schedule differences between the specific Datamart schedules (see */schedules*). Changes are reported as a new line for differences per table/row/schedule.  |

**Columns**

|  |  |
| --- | --- |
| **Column Name** | **Definition** |
| source\_schedule\_code | The *schedule\_code* of the source record. i.e. the schedule that is base for the comparison. |
| target\_effective\_date | The specific date for which the target record is valid - the effective date of the *schedule\_code* requested for reporting the /summary-of-changes where the change will become effective in PBS data.  |
| source\_effective\_date | The specific date for which the source record is valid - the effective date of the *source\_schedule\_code* which is used for the comparison for the field.  |
| target\_publication\_status | The publication status of the target record. |
| source\_publication\_status | The publication status of the source record. |
| changed\_table | Indicates which table the change relates to. |
| change\_type | Determines whether the change to the row between the Schedule and the previous Schedule was an *UPDATE*, *INSERT* or *DELETE*. |
| sql\_statement | The SQL Statement is code that could be run against a copy of last month's schedule to update it to this month. Note this assumes a one-for-one copy of last month's Schedule was made into the underlying tables against the new Schedule Code. |
| table\_keys | The internal keys associated with the data change. |
| change\_detail | Holds the full data set for a table record with updates applied as part of the Schedule release - Data for the target *schedule\_code*. |
| previous\_detail | Holds the original data for a table record prior to any updates applied as part of the Schedule release - Data for the *source\_schedule\_code* |
| deleted\_ind | If *Y* then this indicates that this particular change was a row that existed last schedule but as of this *schedule\_code* and *effective\_date* no longer exists. |
| new\_ind | If *Y* then this indicates that this particular change was a row that exists in this *schedule\_code and effective\_date* couldn't be found in the previous schedule. |
| modified\_ind | If *Y* then this indicates that this particular change was a row that existed in both last schedule and this *schedule\_code* and *effective\_date* however one or more of the column values have changed. |
| schedule\_code | Unique identifier given to each month's Schedule. By having a Schedule Code in each table, 13 months (schedules) worth of data can be maintained in the Data Mart to assist users in the identification of Delisted Items and change-over-time. The date a *schedule\_code* refers to can be found in the */schedules* endpoint in *effective\_date, effective\_month, effective\_year and start*\_*tsp* columns. |