

Health Products Portal Webinar

Updated API version and transition
Q&A

Thank you for joining, this webinar will begin at 3.00pm,
26 February 2024



Acknowledgement of Country

We acknowledge the Traditional Custodians of country throughout Australia and their connections to land, sea and community. We pay our respect to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.



Australian Government

Department of Health and Aged Care

Before we begin...



Please turn off your webcam



Please mute your microphone unless speaking



Any questions? Email HPP.Support@health.gov.au



Agenda

Introduction

- PBS Data Distribution Project background and timeline

v3 API updates

- PBS Public data API
- Bugfixes and minor enhancements

Timeline

- Transition Q & A



PBS Data Distribution Project

Background

The Department of Health is modernising the consumption and data distribution model for the monthly PBS Schedule data, in order to:

- Improve accessibility to PBS Schedule data;
- Make the data easier to understand and use in software; and
- Improve data latency and data provision through best practice architecture.

Timing

- The project started in 2019, and conducted a series of working group meetings in 2020-21
- A Private Beta with a small group of vendors was held in late 2022
- A Public Beta was held between June and October 2023



PBS Data Distribution Project

The Department is working to the following timeline

- From **November 2023**, the API is a production system. Vendors are encouraged to commence their transition.
- **May 2024** will be the last PBS schedule for which data in existing formats will be released under embargo.
- From the **June 2024** PBS schedule onwards, data released under embargo will be made available only via the API.
- The API for the general public, released earlier in February, will follow the same timeline as the embargo API.



PBS Data Distribution Project – v3 updates

The PBS public API is now available

- There is now a version of the API, that is open for access without registration via the HPP. Guidance on this can be found in our article on [Accessing PBS public and embargo data via the API](#).
- The differences are outlined below:
 - Only the current effective schedule and those published in the past 12 months are available. Future (embargo) schedules are not accessible.
 - The API is rate-limited to one request per 20 seconds.
Note: this limit is shared amongst all concurrent users of the PBS public data API.



PBS Data Distribution Project – v3 updates

Updates to documentation and pagination

- The developer portal documentation can now be accessed without myGovID and RAM authentication via <https://data-api-portal.health.gov.au/>. This has been updated to reflect the v3 changes.
- Updated versions of the following documentation is available in our article on Accessing PBS public and embargo data via the API:
 - PBS DDS - Data Dictionary
 - API Data Model
 - PBS DDS – PBS Text File generation process
- The API can now support pagination so that large requests can be downloaded in pages/chunks. This requires additional “page” and “limit” parameters to be included in API requests, as detailed in the developer portal



PBS Data Distribution Project – v3 updates

Bugfixes and minor enhancements

- There have been several bugfixes and enhancements across the following tables, details on the specifics can be found in our news item regarding the v3 update and in the release notes available on the HPP website:
 - item-increases
 - Items
 - Restrictions
 - prescribing-text
 - summary-of-changes



PBS Data Distribution Project – v3 updates

Enhancements to Items endpoint

- saftey_net_resup_rule_cnt_ind - misspelling corrected
- Policy Applied flags
- Continued Dispensing flag and emergency

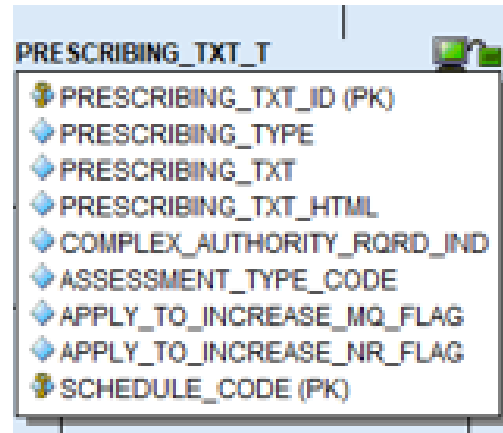
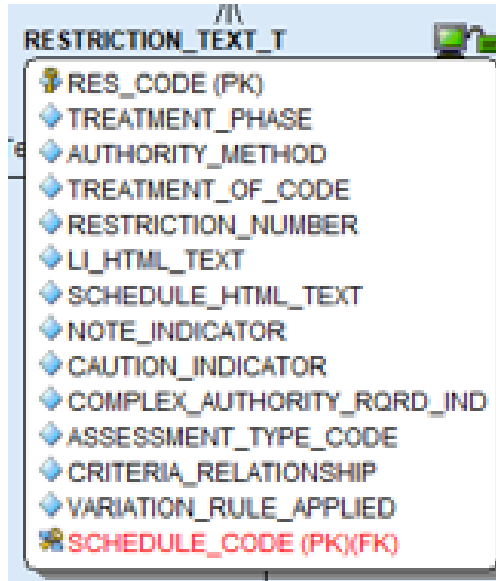
ITEM_T
LI_ITEM_ID (PK)
DRUG_NAME
LI_DRUG_NAME
LI_FORM
SCHEDULE_FORM
BRAND_NAME
PROGRAM_CODE (FK)
PBS_CODE
BENEFIT_TYPE_CODE
CAUTION_INDICATOR
NOTE_INDICATOR
MANNER_OF_ADMINISTRATION
MAXIMUM_PRESCRIBABLE_PACK
MAXIMUM_QUANTITY_UNITS
NUMBER_OF_REPEATS
ORGANISATION_ID (FK)
MANUFACTURER_CODE
PACK_SIZE
PRICING_QUANTITY
PACK_NOT_TO_BE_BROKEN_IND
CLAIMED_PRICE
DETERMINED_PRICE
DETERMINED_QTY
SAFETY_NET_RESUPPLY_RULE_DAYS
SAFETY_NET_RESUP_RULE_CNT_IND
EXTEMPORANEOUS_INDICATOR
EXTEMPORANEOUS_STANDARD
DOCTORS_BAG_GROUP_ID
SECTION100_ONLY_INDICATOR
DOCTORS_BAG_ONLY_INDICATOR
BRAND_SUBSTITUTION_GROUP_ID
BRAND_SUBSTITUTION_GROUP_CODE
SUPPLY_ONLY_INDICATOR
SUPPLY_ONLY_DATE
NON_EFFECTIVE_DATE
WEIGHTED_AVG_DISCLOSED_PRICE
ORIGINATOR_BRAND_INDICATOR
PAPER_MED_CHART_ELIGIBLE_IND
ELECT_MED_CHART_ELIGIBLE_IND
HSPTL_MED_CHART_ELIGIBLE_IND
PAPER_MED_CHART_DURATION
ELECT_MED_CHART_DURATION
HSPTL_CHART_ACUTE_DURATION
HSPTL_CHART_SUB_ACUTE_DURATION
HSPTL_CHART_CHRONIC_DURATION
PACK_CONTENT
VIAL_CONTENT
INFUSIBLE_INDICATOR
UNIT_OF_MEASURE
CONTINUED_DISPENSING_FLAG
CONTINUED_DISPENSING_EMERGENCY
MAXIMUM_AMOUNT
FORMULARY
WATER_ADDED_IND
SECTION_19A_EXPIRY_DATE
CONTAINER_FEE_TYPE
POLICY_APPLIED_IMDQ60_BASE_FLAG
POLICY_APPLIED_IMDQ60_FLAG
POLICY_APPLIED_BIO_SIM_UP_FLAG
POLICY_APPLIED_INDIG_PHAR_FLAG
SCHEDULE_CODE (FK)(FK)



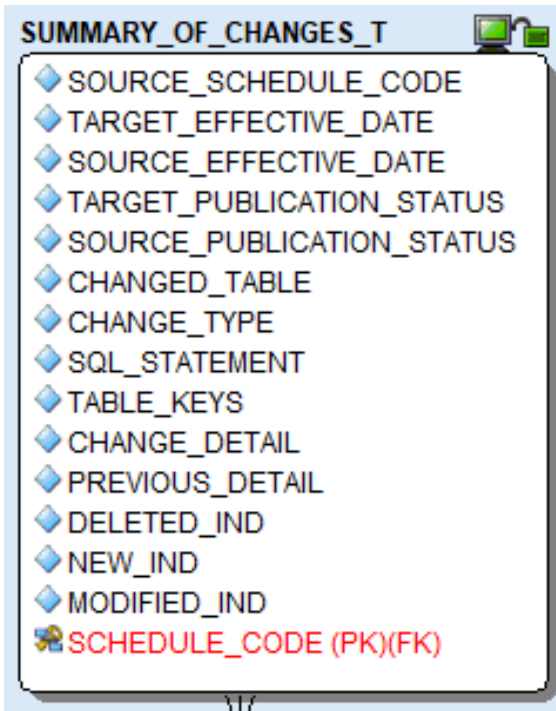
PBS Data Distribution Project – v3 updates

Restrictions and Prescribing Text

- Variation_rule_applied field
- Apply_to_increase_xx_flag, for Max Quantity and No. Of Repeats



PBS Data Distribution Project – v3 updates



Summary of Changes fixes

- SQL Statement syntax changes, column lists on Insert statements
- Inclusion of Previous and Change detail columns



PBS Data Distribution Project

Supporting resources that are available

- A guide to accessing the API endpoints in Postman
- A guide (33 pages) that explains the process for converting **API data to PBS text files**
- A guide (24 pages) that explains **how PBS restrictions work**, in the API
- A **data dictionary and data model** for the API

<https://data.pbs.gov.au/data-distribution/data-distribution.html>



Discussion

