

PBS API Software Vendor Webinar

This meeting **will** be recorded. If you do not wish to take part in the MS Teams recording, please do not join the meeting. By joining the meeting, you are consenting to being included in the recording.

Thank you for joining, this webinar will begin at 11am, 5 March 2025 or once traffic slows coming into the meeting.



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



Australian Government

Department of Health and Aged Care

Thanks

- QLD floods – emergency.
 - CD emergency will come to an end expected 1 April schedule
 - Thanks for doing mid-month publication
 - Sorry about the AMT changes and Manufacturer Code issues
- Safety Net – clarification.
- All the support from the Software Vendor groups when we have API or legal questions.



Agenda

Overview and updates

API v3 changes

- General recap
- PBS API – Embargo API Access Renewal
- Update on recent releases
- Upcoming releases
- Future releases

PBS updates

- Manner of administration
- Authority In Writing
- AMT V4 implementation
- Additional Community Supply Support (ACSS) payments
- Safety Net Threshold changes – 18 January 2025

General - Discussion and questions



PBS API General recap

- All current forms of PBS Schedule data will continue to be available as long as there are key fixes being implemented. There will be at least three months' notice of discontinuation once the API is stable.
- PDF Schedule and SOC - Will continue to be available in PDF form ongoing <https://www.pbs.gov.au/browse/publications> or under embargo.
- V3 is the current version. [API catalogue](https://data-api-portal.health.gov.au)
<https://data-api-portal.health.gov.au>

PBS API – Embargo API Access Renewal

- Auto renewal is now fully in effect. Companies no longer need to re-apply for access to get updated secrets and keys each year.
- Companies will receive a HPP correspondence requesting confirmation of API user list associated with that company.
 - This is sent 45 days before access expires.
 - These have a “Response by” date. After that date passes, you will not be able to reply to the correspondence.
- All communications are managed via HPP correspondence. This includes the confirmation correspondence, and the updated secret values correspondence.
 - Please ensure you check HPP when you receive notification of a new correspondence to ensure continued access.
- Access to the HPP is revoked without use for more than 13 months



PBS API – Released since the last webinar

PBS data API Version 3.0.24 release notes (11 December 2024)

NEW

- New Column 'CHANGED_ENDPOINT' added to Summary of Changes, which shows the endpoint the change is related.

```
147     "new_ind": "N",
148     "modified_ind": "Y",
149     "schedule_code": 4399
150
151
152     "source_schedule_code": 3571,
153     "target_effective_date": "2025-03-02",
154     "source_effective_date": "2025-02-01",
155     "target_revision_number": 1,
156     "source_revision_number": 1,
157     "target_publication_status": "EMBARGO",
158     "source_publication_status": "PUBLISHED",
159     "changed_table": "ITEM_AMT_T",
160     "changed_endpoint": "amt-items",
161     "change_type": "UPDATE",
162     "sql_statement": "UPDATE ITEM_AMT_T SET [CONCEPT_TYPE_CODE]='MP' , [AMT_CODE]='426360006' , [NON_AMT_CODE]=null , [PREFERRED_TERM]='Methoxy polyethylene
    glycol-epoetin beta' , [EXEMPT_IND]='N' WHERE [pbs_concept_id]=25547 AND [schedule_code]=4399 AND [li_item_id]='9577C_12560_25547_25565_25567';",
163     "table_keys": {
164         "pbs_concept_id": 25547,
165         "schedule_code": 4399,
166         "li_item_id": "9577C_12560_25547_25565_25567"
167     },
```



PBS data API Version 3.0.24 release notes (11 December 2024)

NEW

- New column `first_listing_date` added to the restrictions table. This shows the first listing date for the restriction against the item reported.

```
87     "li_html_text": "<h1>Listing of Pharmaceutical Benefits (NHL) - Schedule 4 part 1</h1><p>Unresectable Stage III or Stage IV malignant melanoma</p><br/><p>Initial treatment</p><br/><p>Patient must be receiving PBS subsidised vemurafenib concomitantly for this condition.</p>",
88     "schedule_html_text": "<h1>Listing of Pharmaceutical Benefits (NHL) - Schedule 4 part 1</h1><p>Unresectable Stage III or Stage IV malignant melanoma</p><br/><p>Initial treatment</p><br/><p>Patient must be receiving PBS subsidised vemurafenib concomitantly for this condition.</p>",
89     "note_indicator": "N",
90     "caution_indicator": "N",
91     "complex_authority_rqrd_ind": "N",
92     "assessment_type_code": "IMMEDIATE",
93     "criteria_relationship": "ALL",
94     "variation_rule_applied": "N",
95     "first_listing_date": "2020-01-01",
96     "schedule_code": 4399
97   },
98   {
99     "res_code": "10046_10021_R",
100    "treatment_phase": "Continuing treatment, trial of dose reduction or cessation of treatment",
101    "authority_method": "AUTHORITY_REQUIRED",
102    "treatment_of_code": 10021,
103    "restriction_number": 10046,
```



PBS data API Version 3.0.24 release notes (11 December 2024)

- Filter added to all endpoints to show the latest schedule information in descending order. Filter labelled “get_latest_schedule_only” with a value of True (or Yes) to return the most recent schedule code.

PBS data API Version 3.1.12 release notes (21 February 2025)

- Added a sorting to each endpoint. It first sorts the data by 'SCHEDULE_CODE' in descending order, and then applies a secondary sort based on the specific endpoint.
 - Bug noted with the Schedules endpoint – From this update it sorts on Schedule code number. A fix is in to sort latest to the top, as per 3.0.24. This is expected to go in with next release.



Australian Government

Department of Health and Aged Care

Example get_latest_schedule_only = true

GET Send

Params • Authorization Headers (11) Body Scripts Settings Cookies

Query Params

<input type="checkbox"/>	Key	Value	Description	⋮ Bulk Edit
<input checked="" type="checkbox"/>	get_latest_schedule_only	True		

body Cookies Headers (14) Test Results 200 OK • 2.86 s • 926.05 KB • 🌐 e.g. ⋮

Pretty Raw Preview Visualize JSON ⌵ ⌵

```
182         "therapeutic_group_id": null,  
183         "therapeutic_group_title": null,  
184         "advanced_notice_date": null,  
185         "supply_only_end_date": null,  
186         "first_listed_date": "2013-12-01",  
187         "legal_unar_ind": "N",  
188         "legal_car_ind": "N",  
189         "schedule_code": 4404  
190     },  
191     {  
192         "list_status": "100001 100002 100003 100004 100005 100006 100007"
```



PBS data API Version 3.0.24 release notes (11 December 2024)

NEW

- API Changelog Tracking Implemented for Major/Minor/Patch releases. This release with Changelog tracking labelled as Version 3.0.24. Previous release notes prior to changelog tracking have had names updated slightly to make it easier to see the sequence of updates.

```
'data': [
  {
    "api_name": "PBS_GENERAL",
    "api_version": "3.1.12",
    "api_released": "2025-02-20T01:41:54",
    "api_documentation": "https://data-api-portal.health.gov.au/api-details#api=pbs-prod-api-embargo-v3-v3",
    "api_status": "ACTIVE",
    "changelogs": [
      {
        "area": "API",
        "type": "NEW",
        "changes": [
          "api/v3/item-overview endpoint now available. This endpoint contains joined full detail joined content between",
          "Added Copyright details within the '_meta' response body content for all endpoints.",
          "New optional 'fields' parameter available on all endpoints, this parameter will effect response body content 1",
          "Source/Target revision number added to Summary of Changes",
          "Added 'res_position' parameter to the item-restriction-relationships endpoint. Field used to identify the pos:",
          "Added 'pt_position' parameter to the item-prescribing-texts endpoint. Field used to identify the positional o:"
        ]
      }
    ]
  },
]
```



PBS data API Version 3.0.24 release notes (11 December 2024)

DATA MODIFICATIONS

- In api/v3/amt-items endpoint, remove all Null values from flags/indicators. exempt_ind
- In api/v3/items endpoint, remove all Null values from flags/indicators.
 - pack_not_to_be_broken_ind, determined_qty, safety_net_resup_rule_cnt_ind, continued_dispensing_flag, continued_dispensing_emergency, originator_brand_indicator, water_added_ind, policy_applied_bio_sim_up_flag, policy_applied_imdq60_flag, policy_applied_imdq60_base_flag, policy_applied_indig_phar_flag, legal_unar_ind, legal_car_ind
- In api/v3/items endpoint, the values in weighted_avg_disclosed_price column has been changed to NULL.
- Any reference to RES_CODE 9999_9999_R and PRESCRIBING_TXT_ID 119998*, 119997 has been removed from all tables.



Examples – Null replaced by Y/N

li_item_id	true	string	Unique identifier for each row on the <code>/items</code> end point generated using the Item Code and PharmCIS internal IDs (PIG ID, MP, MPP, TPP).
preferred_term	true	string	Common word or phrase used by Australian clinicians to name a concept. Where the <code>amt_code</code> value is <code>Null</code> , the <code>preferred_term</code> will also be <code>Null</code> (to be amended soon to always be populated).
exempt_ind	true	string	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 This information is stored against the MPUU concept type. Values: Y/N All other concept type will default to N.

```
"infusible_indicator": "N",
"unit_of_measure": null,
"continued_dispensing_flag": "N",
"continued_dispensing_emergency": "N",
"maximum_amount": null,
"formulary": "F1",
"water_added_ind": "N",
"section_19a_expiry_date": null,
"container_fee_type": "other",
"policy_applied_imdq60_base_flag": "N",
"policy_applied_imdq60_flag": "N",
"policy_applied_bio_sim_up_flag": "N",
"policy_applied_indig_phar_flag": "N",
"therapeutic_exemption_indicator": "N",
"premium_exemption_group_id": null,
"doctors_bag_group_title": null,
"therapeutic_group_id": null,
"therapeutic_group_title": null,
"advanced_notice_date": null,
"supply_only_end_date": null,
"first_listed_date": "2014-09-01",
"legal_unar_ind": "N",
"legal_car_ind": "Y",
"schedule code": 4399
```



PBS data API Version 3.0.24 release notes (11 December 2024)

DATA MODIFICATIONS

- If a given item has a 'therapeutic_exemption_indicator' value of 'Y'/true in the api/v3/items endpoint, then within the 'Item-Dispensing-Rule-Relationships' endpoint, the special_patient_contribution, brand_premium and therapeutic_group_premium columns is set to '0.00'.

- /Item endpoint (filtered to relevant fields)

pbs_code	therapeutic_exemption_indicator	schedule_code
13861M	Y	4404
1888J	N	4404
8447N	N	4404


- /item-dispensing-rule-relationships (filtered to relevant fields)




li_item	dispensing_rule_referen	brand_premi	therapeutic_group_premium	special_patient_contribution	schedule_code
13861M_1	rp-s90-cp	0	0	0	4404
13861M_1	rp-s94-private	0	0	0	4404
13861M_1	rp-s94-public	0	0	0	4404
1888J_119	rp-s90-cp	0	0	0.53	4404
1888J_119	rp-s94-private	0	0	0.54	4404
1888J_119	rp-s94-public	0	0	0.53	4404
8447N_12	rp-s90-cp	0	2.62	0	4404
8447N_12	rp-s94-private	0	2.66	0	4404
8447N_12	rp-s94-public	0	2.62	0	4404



Example: Therapeutic Exemption indicator

Query Item:

Parameters 

schedule_code	4404	
pbs_code	13861M	
schedule_code	4404	

Items end point

```
"data": [{"li_item_id": "13861M_12202_1088_5039_14665",  
  "drug_name": "Eprosartan",  
  "li_drug_name": "Eprosartan",  
  "li_form": "Tablet 600 mg (as mesilate)",  
  "schedule_form": "eprosartan 600 mg tablet, 28",  
  "brand_name": "Teveten",  
  "program_code": "GE",  
  "pbs_code": "13861M",  
  "benefit_type_code": "A",  
  "caution_indicator": "N",  
  "note_indicator": "N",  
  "manner_of_administration": "ORAL",  
  "maximum_prescribable_pack": 2,  
  "maximum_quantity_units": 56,  
  "number_of_repeats": 5,  
  "organisation_id": 837,  
  "manufacturer_code": "G0",  
  "pack_size": 28,  
  "pricing_quantity": 28,  
  "pack_not_to_be_broken_ind": "N",  
  "claimed_price": 13.28,  
  "determined_price": 10.84,  
  "determined_qty": "N",  
  "safety_net_resupply_rule_days": 50,  
  "safety_net_resup_rule_cnt_ind": "Y",  
  "extemporaneous_indicator": "N",  
  "extemporaneous_standard": null,  
  "doctors_bag_group_id": null,  
  "section100_only_indicator": "N",  
  "doctors_bag_only_indicator": "N",  
  "brand_substitution_group_id": null,  
  "brand_substitution_group_code": null,  
  "supply_only_indicator": "N",  
  "supply_only_date": null,  
  "non_effective_date": null,  
  "weighted_avg_disclosed_price": null,  
  "originator_brand_indicator": "Y",  
  "paper_med_chart_eligible_ind": "N",  
  "elect_med_chart_eligible_ind": "Y",  
  "hsptl_med_chart_eligible_ind": "Y",  
  "paper_med_chart_duration": null,  
  "elect_med_chart_duration": 6,  
  "therapeutic_group_premium": 0.00,  
  "special_patient_contribution": 0.00,  
  "schedule_code": 4404
```

Query Item Dispensing Rule
Relationship against
li_item_id

```
"data": [{"li_item_id": "13861M_12202_1088_5039_14665",  
  "dispensing_rule_mnem": "s90-cp",  
  "dispensing_rule_reference": "rp-s90-cp",  
  "brand_premium": 0.00,  
  "dispense_fee_type_code": "RP",  
  "dangerous_drug_fee_code": null,  
  "therapeutic_group_premium": 0.00,  
  "cmnwlth_price_to_pharmacist": 14.28,  
  "man_price_to_pharmacist": 14.28,  
  "man_dispnsd_price_max_qty": 42.03,  
  "max_record_val_for_safety_net": 31.6,  
  "cmnwlth_dsp_price_max_qty": 42.03,  
  "tgm_price_phrmcst": 0.00,  
  "tgm_disp_price_max_qty": 0.00,  
  "special_patient_contribution": 0.00,  
  "schedule_code": 4404
```



PBS data API Version 3.1.12 release notes (21 February 2025)

NEW

- `api/v3/item-overview` endpoint.
 - This endpoint contains full detail joined content between other related tables in a complex json structure. See <https://data-api-portal.health.gov.au/> for more details.
 - Benefits
 - Improved rendering and presentation of restrictions including ordering of components withing an item code.
 - “One stop shop” for information related to an item, rather than multiple calls to different endpoints.
- Note:
 - Max response 1000 due to size.
 - Schedule code is a mandatory parameter.



The Item-Overview is a (New endpoint) an aggregated JSON response that includes comprehensive details about items, programs, restrictions, prescriptions, dispensing rules, manufacturers, and more. This structured format ensures that all relevant information is easily accessible and understandable.

JSON

```
> · "_meta" {9}
> · "_links" [4]
▼ · "data" [10]
  > · [0] {81}
  > · [1] {81}
  > · [2] {81}
  > · [3] {81}
  > · [4] {81}
  > · [5] {81}
  > · [6] {81}
  > · [7] {81}
  > · [8] {81}
  > · [9] {81}
```

```
▼ · [0] {81}
  ··· "li_item_id": "10001J_14023_31078_31081_31083"
  ··· "drug_name": "Rifaximin"
  ··· "li_drug_name": "Rifaximin"
  ··· "li_form": "Tablet 550 mg"
  ··· "schedule_form": "rifaximin 550 mg tablet, 56"
  ··· "brand_name": "Xifaxan"
  ··· "program_code": "GE"
  ··· "pbs_code": "10001J"
  ··· "benefit_type_code": "A"
  ··· "caution_indicator": "N"
  ··· "note_indicator": "Y"
  ··· "manner_of_administration": "ORAL"
  ··· "maximum_prescribable_pack": 1
  ··· "maximum_quantity_units": 56
  ··· "number_of_repeats": 5
  ··· "organisation_id": 122
  ··· "manufacturer_code": "NE"
  ··· "pack_size": 56
  ··· "pricing_quantity": 56
  ··· "pack_not_to_be_broken_ind": "N"
  ··· "claimed_price": 394.14
  ··· "determined_price": 394.14
  ··· "determined_qty": "N"
  ··· "safety_net_resupply_rule_days": 20
  ··· "safety_net_resup_rule_cnt_ind": "Y"
  ··· "extemporaneous_indicator": "N"
  ··· "extemporaneous_standard": null
  ··· "doctors_bag_group_id": null
  ··· "section100_only_indicator": "N"
  ··· "doctors_bag_only_indicator": "N"
  ··· "brand_substitution_group_id": null
  ··· "maximum_amount": null
  ··· "formulary": "F1"
  ··· "water_added_ind": "N"
  ··· "section_19a_expiry_date": null
  ··· "container_fee_type": "other"
  ··· "policy_applied_imdq60_base_flag": "N"
  ··· "policy_applied_imdq60_flag": "N"
  ··· "policy_applied_bio_sim_up_flag": "N"
  ··· "policy_applied_indig_phar_flag": "N"
  ··· "therapeutic_exemption_indicator": "N"
  ··· "premium_exemption_group_id": null
  ··· "doctors_bag_group_title": null
  ··· "therapeutic_group_id": null
  ··· "therapeutic_group_title": null
  ··· "advanced_notice_date": null
  ··· "supply_only_end_date": null
  ··· "first_listed_date": "2013-12-01"
  ··· "legal_unar_ind": "N"
  ··· "legal_car_ind": "N"
  > · "schedule" {7}
  > · "program" {2}
  ··· "item_prescribing_texts" [0]
  > · "item_restrictions" [1]
  > · "item_atcs" [1]
  > · "item_amts" [4]
  > · "item_dispensing_rules" [3]
  ··· "item_pricing_events" [0]
  > · "prescribers" [1]
  > · "manufacturer" {8}
  ··· "extemporaneous_wholesalers" [0]
```



Example – Item-overview endpoint.

See also link on Meeting page for full example - <https://data.pbs.gov.au/meetings/index.html>

```
},
"data": [
  {
    "li_item_id": "10877L_20537_1020_39337_39339",
    "drug_name": "Follitropin alfa",
    "li_drug_name": "Follitropin alfa",
    "li_form": "Injection 150 I.U. in 0.25 mL pre-filled pen",
    "schedule_form": "follitropin alfa 150 units (11 microgram)/0.25 mL injection, 5 x 0.25 mL pen devices",
    "brand_name": "Bemfola",
    "program_code": "GE",
    "pbs_code": "10877L",
```

```
},
"program": {
  "program_title": "General Schedule",
  "program_dispensing_rules": [
    {
      "dispensing_rule_mnem": "s90-cp",
      "default_indicator": "Y",
      "dispensing_rules": [
        {
          "dispensing_rule_reference": "in-s90-cp",
          "dispensing_rule_title": "Community Pharmacy",
          "community_pharmacy_indicator": "true"
        },
        {
          "dispensing_rule_reference": "rp-np-nc-s90-cp",
          "dispensing_rule_title": "Community Pharmacy",
          "community_pharmacy_indicator": "true"
        }
      ]
    }
  ]
},
```

```
},
"item_prescribing_texts": [
  {
    "prescribing_txt_id": 29793,
    "pt_position": 1,
    "prescribing_txt": {
      "prescribing_txt": "Biosimilar prescribing policy Prescribing of a bi",
      "prescribing_type": "ADMINISTRATIVE_ADVICE",
      "complex_authority_rqrd_ind": "N",
      "assessment_type_code": null,
      "apply_to_increase_mq_flag": "N",
      "apply_to_increase_nr_flag": "N"
    }
  },
  {
    "prescribing_txt_id": 29791,
    "pt_position": 2,
    "prescribing_txt": {
      "prescribing_txt": "Encouraging biosimilar prescribing for treatment",
      "prescribing_type": "ADMINISTRATIVE_ADVICE",
      "complex_authority_rqrd_ind": "N",
      "assessment_type_code": null,
      "apply_to_increase_mq_flag": "N",
      "apply_to_increase_nr_flag": "N"
    }
  }
],
```



PBS data API Version 3.1.12 release notes (21 February 2025)

NEW

- Added Copyright details within the '_meta' response body content for all endpoints.

```
{
  "_meta": {
    "info": {
      "publisher": {
        "name": "Department of Health",
        "url": "http://www.health.gov.au/"
      },
      "messages": [
        {
          "type": "copyright",
          "content": [
            "Copyright (c) 2024 Department of Health, Commonwealth of Australia",
            "Permission is granted to use and redistribute this content, as long as all copyright statements are retained. Permission is not granted to modify this content.",
            "For further copyright information of this content, please refer to: https://www.health.gov.au/using-our-websites/copyright"
          ]
        }
      ]
    }
  },
}
```



PBS data API Version 3.1.12 release notes (21 February 2025)

NEW

- All API endpoints now allows users to specify the fields they wish to return in the response payload by specifying the fields in the query parameters.

Query Parameters	Description
fields	This parameter specifies specify the fields to return in the response payload by specifying the fields in the query parameters.

Sample Enhanced Request:

• `{{baseUrl}}/api/v3/atc-codes?fields=atc_code,atc_level` (This query parameter specifies which fields should be included in the response. In this case, only the `atc_code` and `atc_level` fields will be returned.)

Sample Response:

```
[
  {
    "atc_code": "A01",
    "atc_level": 1
  },
  {
    "atc_code": "A",
    "atc_level": 1
  }
]
```



PBS data API Version 3.1.12 release notes (21 February 2025)

NEW

- Api/v3/summary-of-changes endpoint.
 - Added Source/Target revision number.

```
147     "new_ind": "N",
148     "modified_ind": "Y",
149     "schedule_code": 4399
150   },
151   {
152     "source_schedule_code": 3571,
153     "target_effective_date": "2025-03-02",
154     "source_effective_date": "2025-02-01",
155     "target_revision_number": 1,
156     "source_revision_number": 1,
157     "target_publication_status": "EMBARGO",
158     "source_publication_status": "PUBLISHED",
159     "changed_table": "ITEM_AMT_T",
160     "changed_endpoint": "amt-items",
161     "change_type": "UPDATE",
162     "sql_statement": "UPDATE ITEM_AMT_T SET [CONCEPT_TYPE_CODE]='MP' , [AMT_
      glycol-epoetin beta' , [EXEMPT_IND]='N' WHERE [pbs_concept_id]=25547
163     "table_keys": {
164       "pbs_concept_id": 25547,
165       "schedule_code": 4399,
166       "li_item_id": "9577C_12560_25547_25565_25567"
167     }
168   }
169 }
```



PBS data API Version 3.1.12 release notes (21 February 2025)

NEW

- Api/v3/item-restriction-relationships endpoint - Added 'res_position' parameter (new column). Field used to identify the positional ordering of a restriction associated to a given item.
- Api/v3/item-prescribing-texts endpoint - Added 'pt_position' parameter (new column). Field used to identify the positional ordering of prescribing texts associated to a given item.

```
"data": [  
  {  
    "pbs_code": "10011X",  
    "prescribing_txt_id": 7703,  
    "pt_position": 1,  
    "schedule_code": 4399  
  },  
  {  
    "pbs_code": "10011X",  
    "prescribing_txt_id": 32002,  
    "pt_position": 2,  
    "schedule_code": 4399  
  }  
]
```

```
{  
  "res_code": "4306_4306_R",  
  "pbs_code": "10001J",  
  "benefit_type_code": "A",  
  "restriction_indicator": "Y",  
  "res_position": 1,  
  "schedule_code": 4399  
},  
{  
  "res_code": "6013_6013_R",  
  "pbs_code": "10003L",  
  "benefit_type_code": "S",  
  "restriction_indicator": "Y",  
  "res_position": 1,  
  "schedule_code": 4399  
},  
{  
  "res_code": "12299_4862_R",  
  "pbs_code": "10004M",  
  "benefit_type_code": "A",  
  "restriction_indicator": "Y",  
  "res_position": 1,  
  "schedule_code": 4399  
}
```



PBS data API Version 3.1.12 release notes (21 February 2025)

ENHANCEMENT

- Parameter filtering for each field on all endpoints. Users can filter using any/multiple field(s) across all endpoints. See <https://data-api-portal.health.gov.au/> for more details.
 - Parameter will affect response body content to return the specified data fields provided.
 - Wildcard responses and more advanced responses available – For full list Refer to <https://learn.microsoft.com/en-us/sql/t-sql/language-elements/like-transact-sql?view=sql-server-ver16>

Example

– All drug names starting with “M”

The screenshot shows a REST client interface. The request is a GET call to `{{baseUrl}}/items?get_latest_schedule_only=True&limit=1000000&drug_name=M%`. The 'Params' tab is active, showing a table with one parameter: `drug_name` with value `M%`. The response status is `200 OK` with a response time of `1138 ms`. The response body is shown in 'Pretty' mode, displaying a JSON array with one object representing a drug item.

Key	Value	Description
<input checked="" type="checkbox"/>	drug_name	M%

```
118 ],
119   "data": [
120     {
121       "li_item_id": "10134J_14271_31875_31878_31880",
122       "drug_name": "Macitentan",
123       "li_drug_name": "Macitentan",
124       "li_form": "Tablet 10 mg",
125       "schedule_form": "macitentan 10 mg tablet, 30",
126       "brand_name": "Opsumit",
127       "program_code": "HS",
```



Example – Filtering with Multiple values, and multiple fields

- `{{baseUrl}}/api/v3/atc-codes?atc_code=B,C` (users can filter by providing a comma-separated list)
- `{{baseUrl}}/api/v3/atc-codes?atc_code=B,C&schedule_code=4031,4078` (multi-parameter filtering)

```
''  
"data": [  
  {  
    "atc_code": "B",  
    "atc_description": "BLOOD AND BLOOD FORMING ORGANS",  
    "atc_level": 1,  
    "atc_parent_code": null,  
    "schedule_code": 4404  
  },  
  {  
    "atc_code": "C",  
    "atc_description": "CARDIOVASCULAR SYSTEM",  
    "atc_level": 1,  
    "atc_parent_code": null,  
    "schedule_code": 4404  
  }  
]
```

```
''  
"data": [  
  {  
    "atc_code": "B",  
    "atc_description": "BLOOD AND BLOOD FORMING ORGANS",  
    "atc_level": 1,  
    "atc_parent_code": null,  
    "schedule_code": 4375  
  },  
  {  
    "atc_code": "C",  
    "atc_description": "CARDIOVASCULAR SYSTEM",  
    "atc_level": 1,  
    "atc_parent_code": null,  
    "schedule_code": 4375  
  },  
  {  
    "atc_code": "B",  
    "atc_description": "BLOOD AND BLOOD FORMING ORGANS",  
    "atc_level": 1,  
    "atc_parent_code": null,  
    "schedule_code": 3531  
  },  
  {  
    "atc_code": "C",  
    "atc_description": "CARDIOVASCULAR SYSTEM",  
    "atc_level": 1,  
    "atc_parent_code": null,  
    "schedule_code": 3531  
  }  
]
```



PBS data API Version 3.1.12 release notes (21 February 2025)

DATA MODIFICATIONS

- Api/v3/items endpoint.
 - Removed 'brand_substitution_group_id' and 'brand_substitution_group_code' data values for EFC items.
- Api/v3/markup-bands, /program-dispensing-rules, /dispensing-rules, /item-dispensing-rule-relationships endpoints.
 - Removed 'ds-manu' dispensing_rule_mnem from data as it is not a valid dispensing rule used.
- Api/v3/item-dispensing-rule-relationships endpoint.
 - Modified the 'dispense_fee_type_code' data for extemporaneous concepts to have a value of 'EP' instead of 'NF'.









PBS data API Version 3.1.12 release notes (21 February 2025)

DATA MODIFICATIONS

- Further definition updates made to various swagger definitions. See <https://data-api-portal.health.gov.au/> for more details.
- An update to the 'accessTokenUrl' – you can now use the following (with health.gov.au) as an alternative to using the Tennant ID
<https://login.microsoftonline.com/health.gov.au/oauth2/v2.0/token>

PBS data API Version 3.1.12 release notes (21 February 2025)

- API v1 beta has been removed.
- API v2 beta – An API-Retire-Time for the date this version is planned to decommission is visible in API Headers information.
 - The date will update to be remain available until 3 months after API v3 is confirmed to be fully stable and functional as the main source of PBS data. Currently this is set in Production for June 2025, and will be updated to 1 October 2025 soon.

X-API-Deprecated		true
X-API-Retire-Time		2025-10-01T00:00:00.000+10:00
api-supported-versions		3
api-deprecated-versions		2-beta
X-Rate-Limit-Remaining		59
X-Rate-Limit-Limit		60



PBS API - Future Releases

Future release (Date: TBC but aiming for this fanatical year)

- API v3.
 - AMT TPUU content & Non-AMT concepts/codes. Possibly adding Vial size for chemotherapy separately.
 - Improve pricing information.
 - Known issue - /items API endpoint, The Originator_brand_indicator values may be incorrect.
 - Allow manual sort on API endpoints. Example on next slide

If there is something you think we have missed that is required in v3, please email HPPSupport@gov.au.



Enhanced API Endpoints: Sorting Example

- All API endpoints will allow users to custom sort.
- Use case - Client applications may require data in a specific order. Therefore, custom sorting will offer flexibility for clients to retrieve data in the order they need.

Query Parameters	Description
sort	This parameter specifies that the sorting should be in ascending or descending order. Values are asc or desc
sort_fields	This parameter lists the fields by which the data should be sorted.

Sample Enhanced Request:

- `{{baseUrl}}/api/v3/atc-codes?sort=asc&sort_fields=atc_code,atc_level` (*the request will return the atc-codes data sorted in ascending order, first by atc_code and then by atc_level.*)
- `{{baseUrl}}/api/v3/atc-codes?sort=desc&sort_fields=atc_code,atc_level` (*the request will return the atc-codes data sorted in descending order, first by atc_code and then by atc_Level.*)



Future release (Date: TBC)

- Software Vendor test environment
 - Until available, all test files will be released as CSV and JSON downloads.
- API v3 or V4.
 - Known issue - restrictions API endpoint, the SCHEDULE_HTML_TEXT contains incorrect formatting. Currently this field combine both Schedule and LI text information.
 - Embargo files disappearing.
 - More history in the API.
- API v4.
 - Improve functionality, structure, and clarity.
 - Evolve with Government API standards.
 - V4 requires breakable changes.



PBS Updates

Manner of administration

- For 1 March 2025 data, a new Manner of Administration was added to the list for “Oral/transdermal”.
- This showed that the API “manner_of_administration” is populated with data field name without the formatting – ie “ORAL_TRANSDERMAL”
- A future update will include a new field for the plain text description of the Manner of administration.
 - This is the same as the text that appears in the PBS Legal Instrument.
 - The existing field will remain as is.



Australian Government

Department of Health and Aged Care

Authority In Writing

- API changes – in upcoming release
- Api/v3/restrictions endpoint
 - Adding 'written_authority_required'.
 - Field to be used to determines if the Authority needs to *Comply with written Authority* requirements for the LI.
 - 'Assessment_type'. Full/Immediate.
 - Written Authority was previously synonymous with Full Assessment, but this is no longer the case – many written authority applications can now be assessed in real time through HPOS.
 - Services Australia independently maintain their own system flags to indicate whether a restriction is subject to Full (Delayed) Assessment or Immediate Assessment – Health data on assessment types should therefore not be relied upon at this time. We will advise software vendors if/when there is any further change to the handling of the Assessment Type field.



Australian Government

Department of Health and Aged Care

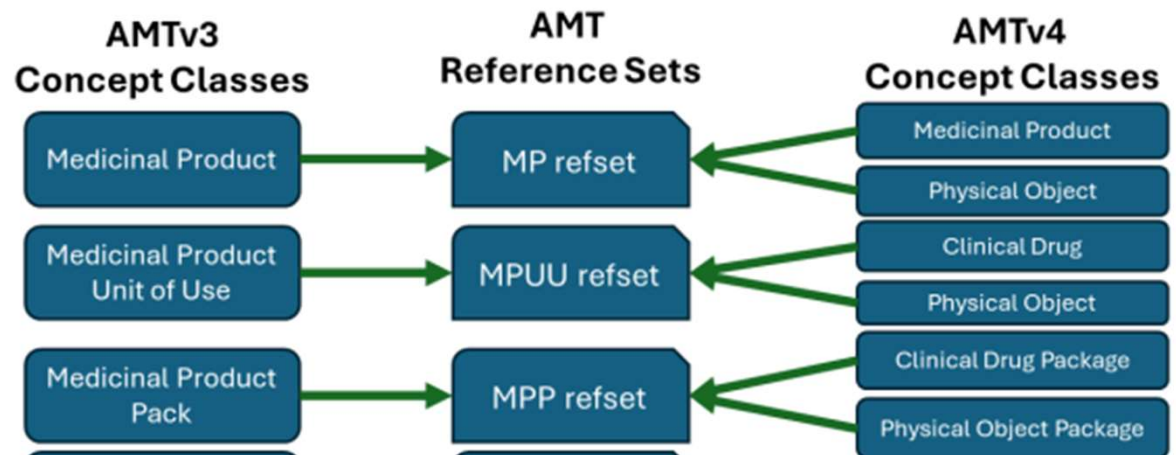
PBS API – AMT v4

PBS incorporation

The first AMT v4 (1 September 2024) file was incorporated into the PBS data update for 1 March 2025. While most terms have not updated, there may be many background data updates to accommodate these changes. Some items may become non-AMT for a period while reconciliation to AMT v4 terms is progressed over the coming months.

Figure 1: Relationship between Concept Classes and Reference Sets

Reference from CSIRO document.
AMT v3 to AMT v4 &
SNOMED CT-AU Package
Changes
Comparison
and Migration
Guidance
March 2024



PBS API – AMT v4

API data schedule name issue

- Some Medicinal Product (MP) preferred terms were updated with AMT v4 names that do not match what the PBS intends to display. Examples below.
- Update to the API in progress to display names according to the PBS name, while still be reconciled to AMT lineages for these affected MPs.
- A list of affected items will be sent to Vendors.

MP - AMT v4 Preferred Term (Currently in data)	MP PBS intended Term	MP Title legal	AMT code	AMT Fully specified name
Albuterol	Salbutamol	Salbutamol	91143003	Albuterol (product)
Cromolyn	Cromoglycate	Cromoglycic acid	21701005	Cromolyn (product)
Epoetin alfa product	Epoetin alfa	Epoetin alfa	108964008	Epoetin alfa (product)



Additional Community Supply Support (ACSS) payments

API and PBSOnline system solutions to be in place by 1 July 2025.

- Eighth Community Pharmacy Agreement (8CPA) - new legislated payment to community pharmacies for dispensing PBS medicines.*
- The payment will only be made in respect of Commonwealth subsidised PBS items and has two components:
 - **Component 2** - \$0.78 per dispense for each supply of a PBS/RPBS prescription of a section 85 medicine dispensed by Approved Pharmacists.
 - Affects Programs:
 - GE – for general PBS supplies (ready prepared items)
 - PL – for supplies of items on the palliative care list
 - EP – for supplies of extemporaneously prepared items
 - R1 – for RPBS supplies
 - RPBS unlisted – Not part of the PBS schedule, managed by Services Australia.
 - **Component 1** - \$4.79 per dispense for each supply of a PBS/RPBS prescription of a section 85, 60day prescription (iMDQ) medicine when dispensed at the full maximum dispensing quantity by Approved Pharmacists.
 - Fee will be indexed 1 July each year of the 8CPA.



Additional Community Supply Support (ACSS) payments

API changes – production release end of March 2025

- Api/v3/fees Endpoint
 - Added 'acss_imdq60_payment'. Field used to identify the fee amount associated with **Component 1**.
 - Added 'acss_payment'. Field used to identify the fee amount associated with **Component 2**.
- Eligible items for the payments will need to be derived via the eligibility on the previous slide.
- API download will be release soon on the embargo page for Software Vendor PBSOnline NOI testing.



Safety Net Threshold changes – 18 January 2025

The Australian Government is reviewing legislative requirements regarding PBS co-payments and the Safety Net. The Government has made changes to its systems and guidance from 18 January 2025 in relation to PBS co-payment charges for 'threshold prescriptions' that exactly meet the PBS Safety Net threshold. A threshold prescription is a prescription that either **exactly meets** or **exceeds** the PBS Safety Net threshold amount.

Section 49 (s49) prescriptions are treated as a single supply, therefore if the value of the s49 supply meets or exceeds the relevant safety net threshold, a patient should only pay the relevant reduced co-payment (no co-payment for a concessional patient, \$7.70 co-payment for a general patient).

For s49 prescriptions priced above the co-payment, patients pay the relevant number of co-payments, irrespective of whether the Commonwealth price calculations would make repeat supplies within the same dispense fall below the co-payment.

PRF to show all scripts including the script that either **exactly meets** or **exceeds** the PBS Safety Net threshold amount.



Example of s49 Prescription Priced Near Co-payment

Scenario – further policy investigations ongoing

s49 repeat supply (being original and one repeat) for Kinson 100mg tablets – PBS Item code 1242J. (AEMP = \$17.65)

Price for Reimbursement if PBS subsidised – Under-copayment

Component	Calculation	Price
Wholesale price	AEMP 2 x \$17.65 + \$2.65 wholesale markup	\$37.96
Dispensing fee	\$8.67 per dispense	\$8.67
AHI (Markup)	2 x \$4.79	\$9.58
Total		\$56.21

May also charge

- SN recording fee \$1.45
 - Additional fee \$3.45
- = total \$61.11

Patient Co-payment

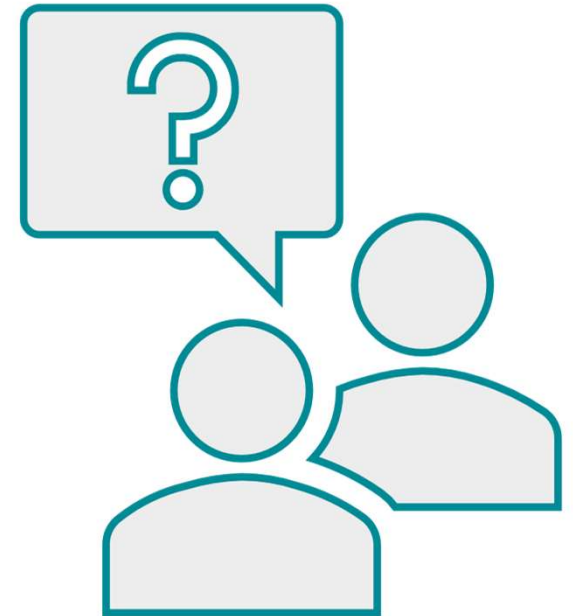
2 x \$31.60 = \$63.20 where standard discounting and under-co pricing can be applied.

Amount to be recorded on the PRF

Amount charged to the patient, less such items as additional patient charge.

PBS API – General - Discussion and questions

- This part will not be released as part of the recording.
- If you have any questions from this webinar, email HPPSupport@health.gov.au.
- We are always happy to help.





END



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