



Professional
Record
Standards
Body

Community Pharmacy Information Standard (DAPB4008 Amd 5/2023)

Requirements Specification v1.0

Data Alliance Partnership Board

The Data Alliance Partnership Board (DAPB), which holds delegated authority from the Secretary of State for Health and Social Care, has approved a new information standard for publication under [section 250 of the Health and Social Care Act 2012](#).

Assurance that this information standard meets the requirements of the Act and is appropriate for the use specified in the specification document has been provided by the Data Standards Assurance Service (DSAS) and endorsed by the Data Alliance Partnership Sub Board (DAPSB).

This information standard comprises the following documents:

- Information Standards Notice (ISN)
- Requirements Specification (this document)
- High Level Implementation Guidance

An Information Standards Notice (DAPB4008 Amd 5/2023) has been issued as a notification of use and implementation timescales. Please read this alongside the documents for the standard.

The controlled versions of these documents can be found on the [NHS England website](#). Any copies held outside of that area, in whatever format (e.g. paper, email attachment), are considered to have passed out of control and should be checked for currency and validity.

Date of publication: 26 June 2023

Glossary of terms

Term / Abbreviation	What it stands for
CPCF	Community Pharmacy Contractual Framework
DAPB	Data Alliance Partnership Board
DAPB4008	The Community Pharmacy Information Standard
FHIR	Fast Healthcare Interoperability Resource. A method for exchanging healthcare information electronically
ISN	Information Standards Notice
PRSB	Professional Record Standards Body
Refset	In the context of this Standard, a Refset is a group of SNOMEDclinical terms that is represented by a single reference, rather than a list of all the terms contained therein
SNOMED CT	Structured clinical vocabulary for use in an electronic health record. SNOMED CT has been adopted as the standard clinicalterminology for the NHS in England
TRUD	Technology Reference Data Update Distribution. The standard references (eg) NHS Data Dictionary and SNOMED CT terminology. System suppliers are expected to update their products via TRUD

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1. Introduction

The purpose of the standard is to support the expanding use of community pharmacies and pharmacists providing services as part of the NHS, which in England are under the Community Pharmacy Contractual Framework (CPCF). The standard will provide consistency in recording information which can be shared with other parts of the health and care system and support a more integrated overall care system. It will support people by integrating information about their care from all parts of the system including community pharmacy. The standard defines:

- the information that should be recorded in a community pharmacy
- the information which should be sent to the person's general practice about the services provided to be added to their primary care record and potentially with shared care records

The standard was first developed in 2018/19 and implemented, including messages (using FHIR) to the person's general practice, for flu vaccinations and emergency supply of medications. After initial pilots, these have been rolled out successfully across England and then used very successfully for COVID vaccinations. The standard was updated in 2020/21 to handle new services being introduced in the CPCF, and this most recent 2022/23 update accommodates changes to the CPCF services and brings the standard up-to-date with other standards ready for wide implementation across community pharmacies.

The developments have involved consultation with clinicians, healthcare professionals, patients as well as system suppliers and commissioners. The Final Report for the latest update development as well as other supporting documents to aid implementers are available on the [PRSB's webpage](#) .

This first version (v1.0) of the Data Alliance Partnership Board (DAPB) approved Information Standard (DAPB4008 Amd 5/2023) which has been approved for publication by the Department of Health and Social Care under [section 250 of the Health and Social Care Act 2012](#) is to mandate the use of the PRSB [Community Pharmacy standard \(version 3.0.1\)](#) . This will prepare providers and their systems to be able to begin sharing information in the future, which will be facilitated through a further release of this standard.

1.1. Purpose

The purpose of this document is to detail the requirements for providers and their system suppliers to implement DAPB4008 (this standard). This will prepare providers and their systems to be able to begin sharing information in the future via mechanisms currently under development by NHS England, for example using HL7 FHIR messaging. The requirement for sharing will be associated with an update to this standard.

NHS England commissioned the PRSB to develop the standard into a DAPB-approved information standard.

The standard is referred to hereafter as DAPB4008 (DAPB Community Pharmacy

information standard). Please see section 1.2 which describes the key documents required to implement DAPB4008.

1.2. Supporting documents

Supporting documents for DAPB4008 include:

- DAPB4008 Community Pharmacy Information Standards Notice (ISN)
- DAPB4008 Community Pharmacy Information Standard Requirements Specification (this document)
- DAPB4008 Community Pharmacy Information Standard – High Level Implementation Guidance
- PRSB Community Pharmacy information model (v3.0)

It is important to understand the key terms used to describe the data hierarchy of the information models for PRSB standards. Details are provided in the High Level Implementation Guidance document which is also part of DAPB4008.

DAPB4008 makes reference to the PRSB Community Pharmacy information model which is hosted and maintained on the [PRSB's webpage](#).

PRSB Items

The following items comprise the PRSB standard and will be published on the PRSB website.

Document Name	Purpose
PRSB Community Pharmacy standard information model v3.0	Provides the information model setting out the detailed content, format, and structure, needed for a provider to implement the standard. Provides the SNOMED CT codes and refsets for the information models. Includes detailed implementation guidance at section and element level. It is available to view or as JSON (machine readable) or Excel files.
PRSB Community Pharmacy Clinical Safety Case & Hazard Log	Details the hazards identified for the standard along with mitigations for use by system suppliers and implementors in their implementations and their own safety cases.
Final report	Describes the process and methodology used for development, details of the stakeholder engagement and consultation, the findings, conclusions and recommendations for further work.
Release notes	Detail the changes from the previous version of the standard.

Document Name	Purpose
Examples	Examples to show how the standard works for some of the services under the CPCF.

Please note that additional supporting documents may be added to the PRSB website over time as a result of feedback from implementation.

DAPB Items

Document Name	Purpose
DAPB4008 Community Pharmacy information standard high level implementation guidance v1.0	Provides high level guidance and context to providers involved in implementation of DAPB4008 (this information standard).
DAPB4008 Community Pharmacy information standard requirements specification v1.0	Details the requirements for providers and their system suppliers to implement DAPB4008.

1.3. Scope

This information standard defines the fields (structure) needed for implementation of an effective Community Pharmacy through:

- The PRSB Community Pharmacy standard information model

The obligations to providers and their suppliers to comply with these requirements when implementing DAPB4008 are presented through:

- The DAPB4008 Community Pharmacy information standard requirements specification v1.0, and
- The DAPB4008 Community Pharmacy information standard high level implementation guidance v1.0

This release of DAPB4008 (this information standard) applies to the implementation of the PRSB Community Pharmacy information model (v3.0).

The scope of DAPB4008 (this information standard), with regards to providers and their suppliers and their respective levels of compliance with the PRSB Community Pharmacy information model is as follows:

- All community pharmacies and their suppliers providing national pharmacy clinical services under the Community Pharmacy Contractual Framework. This includes services provided at peoples' homes through community pharmacists.
- All in scope health and care settings and associated healthcare professionals are expected to be able to create, edit and view the person's Community Pharmacy record, and provide a message (not a structured coded FHIR

message in this stage) to the person's general practice following provision of services.

- Compliance with DAPB4008 (which references the PRSB Community Pharmacy information model version 3.0.1) defined by being able to create, edit and view a person's community pharmacy record and provide an information message about the services provided to the person's general practice, is as laid out below:

(NB – the terms “MUST”, “SHOULD” and “MAY” are defined in [section 2.1](#), below).

- All service providers in the following health and care settings MUST conform to this information standard:
 - Community pharmacies services – including services provided at a person's home
- All service providers in the following care settings SHOULD conform to the information standard:
 - General Practice

This information standard (DAPB4008 Amd 5/2023) will impact:

- All health and care IT systems suppliers providing systems to the providers detailed in the above scope.

The above scope is the result of guidance from clinical, technical and governance subject matter experts. The scope may widen to mandate other types of setting in future releases of this information standard.

Rules around information governance when using this standard will be determined locally (see Section 7 of the high level implementation guide).

1.4. Implementation plan

Compliance with Version 1.0 of DAPB4008 must be achieved no later than March 2025.

PRSB Standard and DAPB information standard

As outlined in section 1.3 above, the DAPB4008 standard includes the requirements specification (this document) and the high-level implementation guidance document. They are published on the DAPB website.

The PRSB standard (which is referenced by this information standard) comprises the Community Pharmacy information model including detailed implementation guidance. They are published on the PRSB website.

The implementation plan is provided in the DAPB4008 Community Pharmacy information standard high level implementation guidance.

1.5. Support and maintenance

Where additional advice in implementing DAPB4008 is required, the PRSB support service can be contacted using support@theprsb.org. The PRSB is responsible for managing any updates to the information model and implementation guidance through established assurance processes and release cycles at the PRSB and DAPB. If possible, please include “Community Pharmacy ISN” in the subject header of your message so that it can be identified appropriately.

Maintenance releases for PRSB standards are currently planned for 3-year cycles, however these may be more frequent based on need and clinical and professional review. Issues raised may also affect the date for future releases.

The above email address can also be used should you have any suggested enhancements or amendments to any aspect of the DAPB4008 information standard.

1.6. Related standards

It is highly recommended that providers are aware of the [Core information standard – PRSB \(theprsb.org\)](#) and the [111 referral standard](#) (part of the [Booking and Referrals Standard](#) (BaRS)) for referrals from 111 services into community pharmacy. Please note that this information standard does not mandate compliance with these other related standard(s). More details about the relevance of these standards are provided in the DAPB4008 high level implementation guidance document.

2. Requirements

2.1. Requirements definition

This document defines the specification that health and care providers (termed the PROVIDER), need to work with their suppliers of IT systems (termed the SYSTEM) to implement the requirements of DAPB4008 Community Pharmacy Information Standard Notice (STANDARD).

NB: the onus is on PROVIDERS to instruct their SYSTEM suppliers to comply with the STANDARD via their local contracts.

The requirements within this specification are assigned levels using the following terms:

MUST - This word, or the term "SHALL", mean that the definition is an absolute requirement of the specification.

SHOULD - This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.

MAY - This word, or the adjective "OPTIONAL", mean that an item is optional. One provider may choose to include the item because their local processes require it or because they feel that it enhances the product, while another provider may omit the same item.

2.2. Provider requirements

Reference	Requirement
P01	Providers MUST read the Requirements Specification (this document) in conjunction with the DAPB Community Pharmacy High Level Implementation Guidance, PRSB Community Pharmacy information model (version 1.0) including detailed implementation guidance.
P02	Providers MUST review their system compatibility against this standard to identify any changes required to current practice and systems to ensure compliance with this standard.
P03	Providers MUST ensure that their current system is updated, as required, to be conformant with this standard.
P04	It MUST be possible to validate any mandatory items at the point of data entry to prevent a user from not completing an associated field.
P05	Providers SHOULD provide adequate training for all staff involved in collection and recording of this data.
P06	Where there are suggested changes to either the PRSB Community Pharmacy information model, or implementation guidance, the provider SHOULD contact the PRSB support and maintenance service .
P07	Providers, when procuring new systems or modifying agreements with existing system suppliers, MUST have ensured that supplier organisations are compliant with the clinical safety standards DCB0129 Clinical Risk Management: its Application in the Manufacture of Health IT Systems (http://www.digital.nhs.uk/isce/publication/dcb0129) and DCB0160 Clinical Risk Management: its Application in the Deployment and Use of Health IT Systems (http://www.digital.nhs.uk/isce/publication/dcb0160).

2.3. IT system requirements

NB: the onus is on PROVIDERS to instruct their SYSTEM suppliers to comply with the STANDARD via their local contracts.

Reference	Requirement
ITS01	A system MUST be compliant with the DAPB4008 information model, version 3.0.1, which is available here .
ITS02	For each Section of the standard information model that a system implements, a system SHOULD implement all Elements detailed therein.
ITS03	A system MUST structure the Elements within the record as per the information model, version 3.0.1.
ITS04	A system MUST allow a user to record any information in the correct format and under the correct Section.
ITS05	A system MUST implement DAPB4008 (this standard) as per the scope detailed within section 1.4 of this Community Pharmacy Standard Requirements Specification.
ITS06	A system MUST offer configurable viewing of the record as per the provider's internal workflow requirements.
ITS07	A system MUST conform to regular updates of terminology releases via Technology Reference Data Update Distribution (TRUD) or via the NHS England Terminology Server
ITS08	A system MUST ensure that for each record entry within a Section, the system allows the performing professional, person completing the record, date, and location details to be recorded and stored.
ITS09	The timestamps within the Community Pharmacy MUST be recorded in local time.
ITS10	The system MUST allow the ability for users to archive Community Pharmacy records.
ITS11	The interface MUST be compliant with NHSE Accessible Information (AIS) standards.
ITS12	Where changes are made to how a user interacts with the system (for example the user interface) the IT system supplier SHOULD produce appropriate guidance to be made available to the health and/or care organisation.
ITS13	The system supplier SHOULD ensure Community Pharmacy information is accessible and updated either in real time, or as close to real time as possible.
ITS14	The contextual information or metadata (performing professional, location, date, person completing the record) MUST be recorded and sent as part of any data transfer for the parts where it applies.

Reference	Requirement
ITS15	The system SHOULD be able to link to the Patient Demographic Service (PDS) for demographic information and information about the GP practice (both stored in the PDS).
ITS16	The system SHOULD allow a viewable audit trail detailing all the contributors to the patient care.
ITS17	The system SHOULD allow clinicians to navigate back and forth in the process of completing or partially completing the information record.
ITS18	The system SHOULD allow any coded data to be carried with the associated text.
ITS19	The system MUST only communicate fields that are populated with information. Mandatory fields need to be retained.
ITS20	The system SHOULD allow the end-user to view the actual codes for items in the record.
ITS21	The system SHOULD be designed to not display sex and gender information that do not match or send that information in those circumstances to the GP without the person's consent.
ITS22	Selecting a service type SHOULD determine the information collected by the pharmacy system and the message sent to the GP after the contact.
ITS23	The system SHOULD allow for the referrer details to be auto populated from the referral or transfer of care details. The system should provide auto-population of all the elements where this is possible, e.g. details of the professional logged in and their organisation, patient details obtained from other parts of the record.
ITS24	The system SHOULD support the capture of medication information using GS1 barcodes.

2.4. Provider and IT system conformance criteria

This section describes the tests that can be measured to indicate that the information standard is being implemented correctly.

Reference	Criteria
PITSCC01	<p>Providers have read the following documents:</p> <ul style="list-style-type: none"> - DAPB4008 Community Pharmacy Information Standard Requirements Specification (this document) - DAPB4008 Community Pharmacy Information Standard – High Level Implementation Guidance - PRSB Community Pharmacy information model (v1.0) <p>This relates to P01.</p>

Reference	Criteria
PITCC02	The provider ensures that relevant staff can evidence that they have completed training around the recording of DAPB4008 Community Pharmacy information. This relates to P05.
PITSCC03	The provider ensures that the system supports the recording of all mandatory, required, and optional elements. This relates to ITS01; ITS02; ITS03; ITS04; P02; P03; and P04.
PITSCC04	The provider ensures elements in the system are structured as per the Community Pharmacy information model and in the format specified. This relates to ITS01; ITS02; ITS03; ITS04; ITS05; P03 and P04.
PITSCC05	The Community Pharmacy information is accessible and updated in either real time, or as near to real time as possible. This relates to ITS13.
PITSCC06	The provider ensures that the PRSB is made aware of any suggested changes to either the PRSB Community Pharmacy information model, including implementation guidance, through the PRSB support and maintenance service . This relates to P06.
PITSCC07	The system supplier ensures that their provider is made aware of any functional changes that may impact the recording of the DAPB Community Pharmacy information standard (for example user interface changes) and they provide appropriate support to users. This relates to ITS06 and ITS12.
PITSCC08	The system allows for a viewable audit trail of Community Pharmacy versions, including time(s), date(s) and author(s). This relates to ITS9 and ITS13.
PITSCC09	The system can demonstrably allow care plans to be archived. This relates to ITS10.
PITSCC10	The interface is compliant with NHSE Accessible Information (AIS) standards. This relates to ITS11
PITSCC11	Providers described in Section 1.4 of the DAPB Requirements specification can evidence compliance with DAPB4008 (this standard). This relates to ITS06; ITS08; P02; P03; P04.
PITSCC12	Providers have ensured their system supplier can offer configurable viewing of the record as per the provider's internal workflow requirements. This relates to ITS07.
PITSCC13	Providers have ensured that their system suppliers are compliant with the clinical safety standards DCB0129 Clinical Risk Management: its Application in the Manufacture of Health IT Systems and that the providers are compliant with DCB0160 Clinical Risk Management: its Application in the Deployment and Use of Health IT Systems . This relates to P07.

Reference	Criteria
PITSCC14	Providers have ensured their system supplier conforms to regular updates of terminology releases via Technology Reference Data Update Distribution (TRUD) or via the NHS England Terminology Server . This relates to ITS07
PITSCC15	Providers have ensured that for each record entry within a section, their system supplier allows metadata (specifically the performing professional, person completing the record, date, time and location details) to be recorded and stored. This relates to ITS08 and ITS09
PITSCC16	Providers have ensured through their system supplier, that timestamps within the Community Pharmacy are recorded in local time. This relates to ITS09.
PITSCC17	Providers have ensured that the contextual information or metadata (performing professional, location, date, person completing the record) is recorded and sent as part of any data transfer for the parts where it applies.
PITSCC18	Providers have ensured that the system is able to link to the Patient Demographic Service (PDS) for demographic information and information about the GP practice (both stored in the PDS).
PITSCC19	Providers have ensured that the system allows a viewable audit trail detailing all the contributors to the patient care.
PITSCC20	Providers have ensured that the system allows clinicians to navigate back and forth in the process of completing or partial completing the information record.
PITSCC21	Providers have ensured that the system allows any coded data to be carried with the associated text.
PITSCC22	Providers have ensured that the system only communicates fields that are populated with information. Mandatory fields are retained.
PITSCC23	Providers have ensured that the system allows the end-user to view the actual codes for items in the record.
PITSCC24	Providers have ensured that the system does NOT display sex and gender information that do not match or send that information in those circumstances to the GP without the person's consent.
PITSCC25	Providers have ensured that selecting a service type determines the information collected by the pharmacy system and the message sent to the GP after the contact.
PITSCC26	Providers have ensured that the system auto-populates as much information as possible such as from other parts of the record, referrals or details of the professional logged in.
PITSCC27	Providers have ensured that the system supports the capture of medication information using GS1 barcodes.

3. References

DCB0129 Clinical Risk Management: its Application in the Manufacture of Health IT Systems:

<http://www.digital.nhs.uk/isce/publication/dcb0129>

DCB0160 Clinical Risk Management: its Application in the Deployment and Use of Health IT Systems:

<http://www.digital.nhs.uk/isce/publication/dcb0160>

DAPB4008 webpage:

<https://theprsb.org/standards/communitypharmacy/>

Health and Social Care Act (Section 250):

<https://www.legislation.gov.uk/ukpga/2012/7/section/250>

Information Governance Framework:

<https://transform.england.nhs.uk/information-governance/guidance/summary-of-information-governance-framework-shared-care-records/>

PRSB Core Information Standard:

<https://theprsb.org/core-information-standard-v2-0/>

PRSB community pharmacy information standard webpage:

<https://theprsb.org/standards/communitypharmacy/>

PRSB Provenance data:

<https://theprsb.org/standards/provenance/>

PRSB support service:

<https://theprsb.org/standards/support/>

PRSB 111 referral standard:

<https://theprsb.org/standards/111referralstandard/>

Booking and Referral Standard:

<https://digital.nhs.uk/services/booking-and-referral-standard>