

USCDI ONDEC Submission Form Prep Sheet

This resource provides all of the USCDI ONDEC submission form questions and allows stakeholders to gather necessary information in advance of submission. You may choose to copy/paste your information from this document directly into the USCDI ONDEC submission form.

Please visit www.healthIT.gov/ONDEC to submit information through the USCDI ONDEC system.

Submitter Details

Name of Submitter*:

Swapna Abhyankar

Email Address of Submitter*:

(auto-populated from [Interoperability Standards Advisory](#) user account)

Secondary Email Address:

Organization of Submitter:

Regenstrief Institute, LOINC Document Ontology Subcommittee

Please note: your name and organization will be visible and associated with your submission. Email addresses will only be visible to ONC and used for communication regarding your submission.

* denotes required field



Data Element

Data Class Name: (or select an existing USCDI Data Class):*

Imaging

Data Element Name:*

See individual data elements below

Data Element Description:*

See individual data element descriptions below

Are there similar or related data elements in USCDI?* (select one)

Yes No Unknown

If yes, why should this data element be considered separately?

See below

You may optionally submit up to five additional data elements within this data class, using the same information below:

Data Element Name - 1:*

Imaging order

Data Element Description:*

The request by a clinician for an imaging procedure be performed for a particular patient. Applicable standards would be CPT and LOINC.



Are there similar or related data elements in USCDI?* (select one)

Yes No Unknown

If yes, why should this data element be considered separately?

This data element has some overlap with the Procedures Data Class. However, the broad use of imaging in the U.S. Healthcare System and its unique elements (e.g., imaging data) are the basis for proposing a separate USCDI Class to focus specifically on the elements related to imaging.

Data Element Name - 2:*

Imaging data

Data Element Description:*

The data that represents the imaging study itself. Applicable standard would be DICOM.

Are there similar or related data elements in USCDI?* (select one)

Yes No Unknown

If yes, why should this data element be considered separately?

Data Element Name - 3:*

Imaging report

Data Element Description:*

Clinical documentation of an imaging study that includes the study that was performed, reason, findings, and impressions. Applicable standard would be LOINC.





Are there similar or related data elements in USCDI?* (select one)

Yes No Unknown

If yes, why should this data element be considered separately?

[Light blue text input area]

Data Element Name - 4:*

[Light blue text input area]

Data Element Description:*

[Light blue text input area]

Are there similar or related data elements in USCDI?* (select one)

Yes No Unknown

If yes, why should this data element be considered separately?

[Light blue text input area]

Data Element Name - 5:*

[Light blue text input area]

Data Element Description:*

[Light blue text input area]

Are there similar or related data elements in USCDI?* (select one)

Yes No Unknown



* denotes required field



If yes, why should this data element be considered separately?

Light blue rectangular input area for the answer to the question above.

Use Case

Briefly describe the main use cases to support adoption of the data element into the USCDI:*

Imaging studies are performed and exchanged every day across healthcare systems, settings, and specialties.

Estimate the number of stakeholders who would capture, access, use or exchange this data element or data class:*

These data elements are broadly used every day across healthcare systems, settings, and specialties and would be used by a large proportion of USCDI stakeholders.

Link to use case project page:

Light blue rectangular input area for the link to the use case project page.

Please add if there are additional use cases for this data element that could affect significant numbers of other stakeholders.

Please describe the additional use case:*

Light blue rectangular input area for describing the additional use case.

Estimate the number of stakeholders who would capture, access, use or exchange this data element or data class:*

Light blue rectangular input area for estimating the number of stakeholders.

Link URL:

* denotes required field





[Redacted area]

Attachment describing this use case:

[Redacted area]

Does this data element support the following aims in healthcare?
(check all that apply):*

- Improving patient experience of care (quality and/or satisfaction)
- Improving the health of populations
- Reducing the cost of care
- Improving provider experience of care
- None of the above

DRAFT



* denotes required field



Maturity

Does a vocabulary, terminology, content, or structural standard exist for this data element? (e.g., SNOMED CT, LOINC, RxNorm) * (select one)

Yes No Unknown

If yes, please cite the applicable standard*:

LOINC, CPT, DICOM (as appropriate for the various data elements described above)

For the Imaging report element, we recommend including the following specific information:

“Type 2 LOINC codes that represent imaging procedures. A value set with these codes is available as a downloadable .csv file available from: <https://loinc.org/oids/1.3.6.1.4.1.12009.10.2.5/>, as well as a FHIR ValueSet: <https://fhir.loinc.org/ValueSet/loinc-imaging-document-codes/>”

If yes, link URL:

<https://loinc.org>

Are there additional technical specifications such as an implementation guide (IG) or profile using this data element? (e.g., HL7® FHIR® US Core Implementation Guide v3.1.0 based on FHIR R4)

Yes No Unknown

If yes, please cite the relevant technical specification(s)*:

There are HL7 C-CDA implementation guides related to imaging, as well as FHIR resources across versions, including the US Core, that are related to imaging.



Which of the following best describes the use of this data element?* (select one)

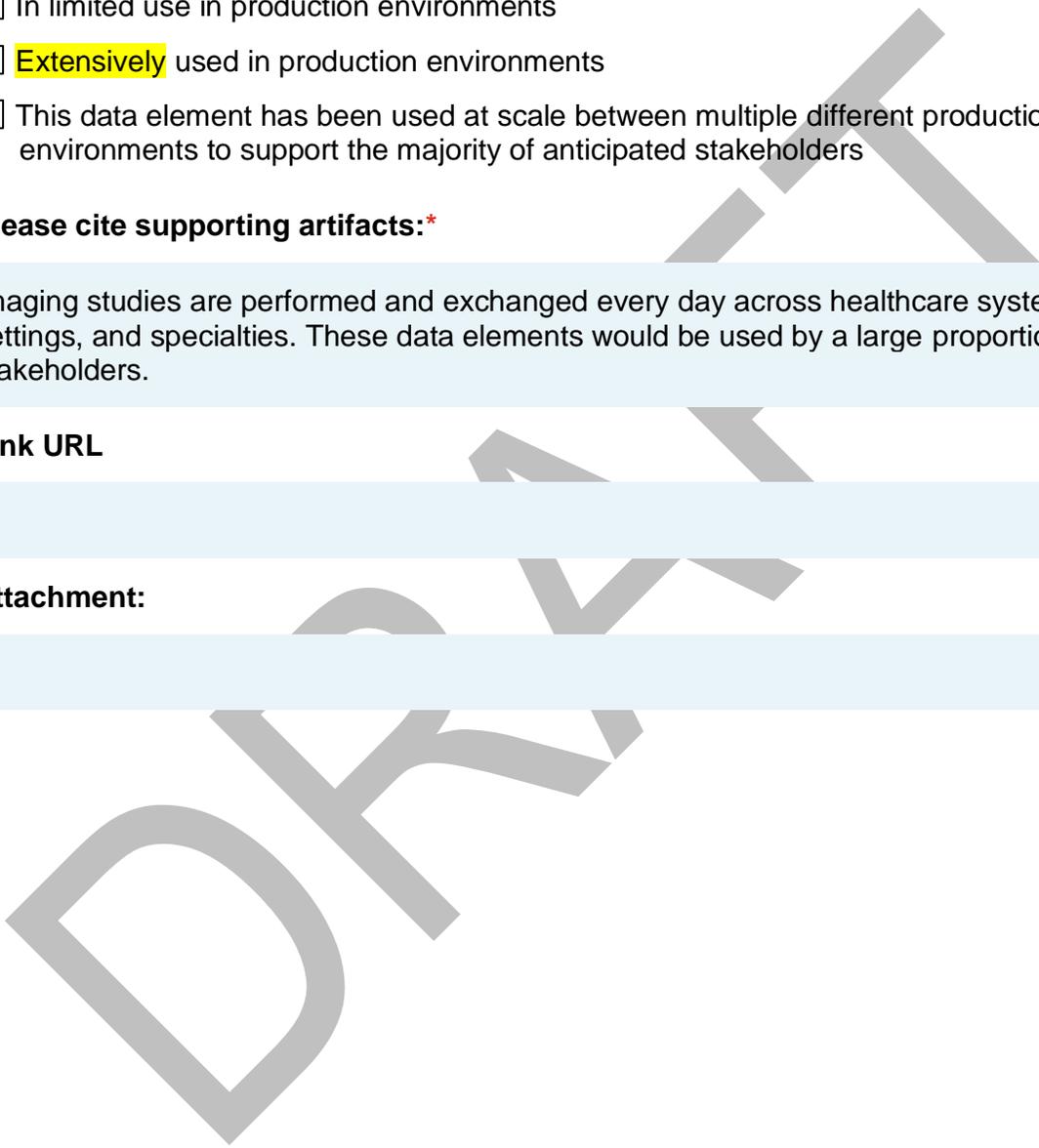
- Not currently captured or accessed with an organization
- In limited use in test environments only
- In limited use in production environments
- Extensively used in production environments
- This data element has been used at scale between multiple different production environments to support the majority of anticipated stakeholders

Please cite supporting artifacts:*

Imaging studies are performed and exchanged every day across healthcare systems, settings, and specialties. These data elements would be used by a large proportion of USCDI stakeholders.

Link URL

Attachment:



* denotes required field



Has this data element been electronically exchanged with external organizations or individuals (including patients)?* (select one)

- Yes No

If yes, with how many outside entities has this been exchanged?*

- 1
 2-3
 4
 5 or more. This data element has been tested at scale between multiple different production environments to support the majority of anticipated stakeholders.

Please cite supporting artifacts:*

Imaging studies are performed and exchanged every day across healthcare systems, settings, and specialties. These data elements would be used by a large proportion of USCDI stakeholders.

Supporting Link

Attachment:



Challenges

Describe any restrictions on the standardization of this data element (e.g., proprietary code).*

None

Describe any restrictions on the use of this data element (e.g., licensing, user fees).*

None

Describe any privacy and security concerns with the use and exchange of this data element.*

None

Please provide an estimate of overall burden to implement. Overall estimate of burden to implement, including those not affected by the primary use case(s) (i.e., impact to broader healthcare community for specialty-specific data element submission).*

Minimal – already being used

Please provide information on other challenges to implementation

[Empty text box for providing information on other challenges to implementation]

