

CDC NIOSH ISA Comments 2024 (Point of Contact – Amanda Deering ums1@cdc.gov)

Navigation: ISA > Vocabulary/Code set/Terminology > Work Information > Representing Job, Usual Work, and Other Work Information

On the [Vocabulary/Code Set/Terminology](#) related page, we would like to add a bullet to be listed at the bottom of the "Limitations, Dependencies, and Preconditions for Consideration" (left column) as shown below:

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Vocabulary/Code Set/Terminology

- Allergies and Intolerances
- Biologics
- Clinical Notes
- Clinical Tests
- Cognitive Status
- COVID-19 Novel Coronavirus Pandemic
- Demographics
- Dietary and Nutritional Needs
- Emergency Medical Services
- Encounter Diagnosis, Assessment and Plan
- Family Health History
- Functional Status/Disability
- Goals
- Health Care Providers, Family Members and Other Caregivers
- Health Concerns
- Imaging (Diagnostics, Interventions and Procedures)
- Immunizations
- Laboratory
- Medications
- Nursing
- Patient Clinical Problem List (i.e., "Conditions")
- Preferred Language

Representing Job, Usual Work, and Other Work Information

Type	Standard / Implementation Specification	Standards Process Maturity	Implementation Maturity	Adoption Level	Federally required	Cost	Test Tool Availability
Standard for observation values	Occupational Data for Health (ODH) Code System	Balloted Draft	Pilot	Feedback Requested	No	Free	No
Standard for observations	LOINC®	Final	Production	●○○○○	No	Free	N/A
Standard for observation values	CDC Census 2010 Industry and Occupation System	Balloted Draft	Production	●○○○○	No	Free	Yes
Implementation Specification	HL7 EHRS-FM Release 2: Functional Profile; Work and Health, Release 1 – US Realm	Balloted Draft	Feedback requested	Feedback Requested	No	Free	

Limitations, Dependencies, and Preconditions for Consideration

- Self-reported, structured and standardized work history has broad applicability to healthcare as part of the medical record and is suitable for many use cases supporting patient care, population health, and public health.
- An Information Model, Occupational Data for Health (ODH), supports the collection and classification of Work Information in health IT systems and has been published in JAMIA.
- NIOSH has prepared A Guide to the Collection of Occupational Data for Health to provide tips to health IT system developers seeking to implement work concepts.
- The ODH industry value set includes the search-friendly terms from the North American Industry Classification System (NAICS) index with the respective category. The terms in this value set are relatable to the general public.
- The ODH occupation value set includes the search-friendly terms from the Occupational Information Network-Standard Occupational Classification (O*NET-SOC) system alternate titles with the respective category. The terms in this value set are relatable to the general public.
- The CDC_Census 2010 Industry and Occupation System will be deprecated when the HL7 CD4 R2 Implementation Guide: Reporting to Public Health Cancer Registries from Ambulatory Healthcare Providers, Release 1; DSTU Release 1.1 – US Realm is updated through SVAP.

Applicable Value Sets and Starter Sets

Representing Industry:

- Past or Present Industry Question (LOINC code 86188-0)
- Usual Industry Question (LOINC code 21844-6)
- PHVS_Industry_NAICS_Detail_ODH (urrcoid: 2.16.840.1.114222.4.11.7900)
- PHVS_Industry_CDC_Census2010 codes (urrcoid: 2.16.840.1.114222.4.11.7187)


Representing Occupation:

- Past or Present Occupation Question (LOINC code 11341-5)
- Usual Occupation Question (LOINC code 21843-8)
- PHVS_Occupation_CDC_ONETSOC_Detail_ODH (urrcoid: 2.16.840.1.114222.4.11.7901)
- PHVS_Occupation_CDC_Census2010 codes (urrcoid: 2.16.840.1.114222.4.11.7188)

Representing Employment Status:

- Employment Status Question (LOINC code 74165-2)
- PHVS_EmploymentStatus_ODH (urrcoid: 2.16.840.1.114222.4.11.7129)
- HL7 ValueSet: employmentStatusODH (urrcoid: 2.16.840.1.113883.1.11.20562)

Representing Work Schedule


 Add bullet with comment content here

We would like the bullet to consist of the following text:

NIOSH is updating the ODH code system for occupation and industry, using up-to-date concepts with non-semantic codes cross-walked to the federal classification systems. The new, version able code system will support clinical care, population health and public health uses.

Navigation: ISA > Content Structure > Work Information > Work Information Templates

On the [Content/Structure](#) related page, we would like to add a bullet to be listed at the bottom of the "Limitations, Dependencies, and Preconditions for Consideration" (left column) under the "All ODH sections/profiles are an option in these implementation specifications" as shown below:

Limitations, Dependencies, and Preconditions for Consideration	Applicable Security Patterns for Consideration
<ul style="list-style-type: none">▪ An information model of Patient Work, called Occupational Data for Health (ODH), has been published in JAMIA.▪ Any or all of the Occupational Data for Health (ODH) CDA sections, FHIR profiles, or V2 segments can be incorporated as a non-breaking addition to interoperability specifications.▪ The ODH implementation guide is referenced in several FHIR and CDA as optional if work information is desired.▪ The ODH structures for specific data elements are reflected in several implementation guides. These include:<ul style="list-style-type: none">▪ US Core FHIR Implementation Guide, 6.1.0—STU6 (USCDI V3)▪ HL7 CDA® R2 Implementation Guide: C-CDA Templates for Clinical Notes STU Companion Guide, Release 4.1 – US Realm, Standard for Trial Use (USCDI V3)▪ All ODH sections/profiles are an option in these implementation specifications:<ul style="list-style-type: none">▪ IHE Patient Care Coordination (PCC) Technical Framework Supplement to Volume 1, CDA Occupational Data Options (XDS-MS, XHPR, EDR), Revision 1.1 – Trial Implementation▪ IHE Patient Care Coordination (PCC) Technical Framework Supplement: Query for Existing Data for Mobile (QEDm), Revision 2.3 – Trial Implementation▪ IHE PCC TF Supplement: International Patient Summary (IPS), Revision 1.2 – Trial Implementation▪ IHE Quality, Research and Public Health Technical Framework Supplement: Healthy Weight (HW), Revision 2.5 – Trial Implementation▪  Add bullet hyperlink here▪ The ODH Usual Work section/profile is required in these implementation specifications:<ul style="list-style-type: none">▪ HL7 CDA R2 Implementation Guide: Reporting to Public Health Cancer Registries from Ambulatory Healthcare Providers, Release 1 – DSTU Release 1.1▪ HL7 CDA R2 Implementation Guide: Vital Records Death Reporting, Release 1 STU 2.1▪ Vital Records Death Reporting (VRDR) FHIR Implementation Guide v2.2.0: STU 2▪ The ODH Employment Status, Job, and Usual Work sections/profiles are options in these implementation specifications:<ul style="list-style-type: none">▪ HL7 CDA R2 Implementation Guide: Public Health Case Report – the Electronic Initial Case Report (eICR), Release 2, STU Release 3.1 - US Realm▪ HL7 FHIR Implementation Guide: Electronic Case Reporting (eCR), Release 2.1 - US Realm▪ NIH/NCM has prepared A Guide to the Collection of Occupational Data for Health to provide tips to health IT	<ul style="list-style-type: none">▪ These standards are intended to transmit data that are part of the medical record and should be handled accordingly.

Please use the hyperlink and text below for the bullet:

[IHE FHIR Profile: Occupational Data for Health \(ODH\) - International](#)