WELSH INFORMATION STANDARDS BOARD

DSC Notice:	DSCN 2025 / 05
Date of Issue:	7th March 2025

Welsh Health Circular/Official Letter: WHC (2022)005: Welsh Value in Health Centre – Data Requirements	**Subject:** Value in Health – Oswestry Disability Index (ODI) version 2.1b
Sponsor: Christopher Brown, National Director of Digital, Data, Technology, Innovation and Value	
Effective from: 1ST November 2024	

DATA STANDARDS CHANGE NOTICE

A Data Standards Change Notice (DSCN) is an information mandate for a new or revised information standard.

This DSCN was approved by the Welsh Information Standards Board (WISB) at its meeting on 23rd January 2025.

WISB Reference: ISRN 2024 / 021

Summary:
To describe the content of Oswestry Disability Index (ODI) version 2.1b as part of the Value in Health programme.

Data sets / returns affected:
Patient Reported Outcome Measures (PROMs) (wales.nhs.uk)

Please address enquiries about this Data Standards Change Notice to the Data Standards Team in Digital Health and Care Wales

E-mail: data.standards@wales.nhs.uk

The Welsh Information Standards Board is responsible for appraising information standards. Submission documents and WISB Outcomes relating to the approval of this standard can be found at:

https://nhswales365.sharepoint.com/sites/DHC_DST/Lists/Information%20Standards%20Assurance%20Submission%20Log/AllItems.aspx

DATA STANDARDS CHANGE NOTICE

<u>Introduction</u>

The Value in Health (or VIH) programme was commissioned by Welsh Government to "Improve the health outcomes of the people in Wales, in a financially sustainable way, through the creation of a data-driven system, which seeks to provide timely information to citizens, clinical teams and organisations to inform decision-making."

Part of this programme includes the development of digital products capable of providing outcome-based analytical information at the point of care, as well as for secondary use analyses. In particular, these products aim to:
- Provide an analytical tool to allow clinicians to view data at population level and make informed decisions based on relationships they identify between diagnoses, treatments and outcomes/survival;
- Improve accessibility of national audit data and make this visible throughout the year rather than via the annual statutory reporting process;
- Improve data quality by making the data more visible and using measures to highlight data issues;
- Make historical data available to enable the identification of patterns and trends over time; and
- Provide drill-through functionality to allow clinicians to drill down to record level and identify corresponding patient records in operational systems.

This is to be achieved through the central collection of patient-reported data, including that collected via Patient-Reported Outcome Measures (PROMs) and national clinical audit data, and data linkage to associate these records with sources of existing activity data, such as Admitted Patient Care (APC ds), Outpatient activity (OP ds) and Emergency Department Data Set (EDDS).

The mandate for the necessary patient-reported and clinical outcome data was issued to NHS Wales by Welsh Government via WHC (2022)005[1]. This describes the requirement in the context of national strategy for health and social care, and the necessity for services to adapt to the evolving healthcare needs of the ageing population to create a service that is flexible and more effective in dealing with these emerging challenges.

<u>Scope</u>

Questionnaire tools, including PROMs, can be issued to a patient at any point along their treatment pathway. Usually this occurs prior to, and at regular intervals following their treatment, as a means of measuring and monitoring the effectiveness of their treatment following an intervention, from the patient's perspective.

The scope of this standard is independent of the platform or source application used to capture patient-reported data The composition of the associated PROMs data sets is described in separate DSCNs, one for each tool, e.g. Oxford Knee Score.

Also defined is a set of metadata items which underpin the data in an associated PROMs Metadata Standard. This comprises the following components or data modules:

- Patient Details;
- Document Details;
- Event Details;
- PROMs Details; and
- Data Entry Details.

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[1] https://www.gov.wales/welsh-value-health-centre-data-requirements-whc2022005

This DSCN should be read in conjunction with the metadata specification and associated notices for related validated/standardised questionnaires and PROMs tools.

Effective Date

This data standard is effective from the date of publication. Only those data flows that comply with the standard, and associated technical standards, will be processed for central storage and consumption by ViH products, and nationally developed views managed centrally by Digital Health and Care Wales (DHCW). Implementation details can be found in the overarching PROMs Standard Operating Model (PSOM).[2]

Description of Change

To introduce a standard coding structure for the Neck Disability Index (NDI).

Data Dictionary Version

Where applicable, this DSCN reflects changes introduced by DSCN and/or DDCN since the release of version 4.23 of the NHS Wales Data Dictionary.

The changes introduced by such DSCNs will be published in version 4.24 of the NHS Wales Data Dictionary.

Actions Required

Local Health Boards / Trust:

- To supply patient-reported data to DHCW in accordance with the information specification described in this DSCN.

Digital Health and Care:

- To supply patient-reported data to health boards and trusts in accordance with the information specification described in this DSCN.

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[2] https://vbhc.nhs.wales/digital-health/data-products/

Appendix A: Table reflecting areas that are impacted as a result of this DSCN

The following table shows where there are changes to the scope and/or definitions of applicable data sets, data items, terms and other associated areas that are linked with the changes documented within this DSCN.

Each data definition type is listed in alphabetical order and is shown in the sequence in which it appears in this DSCN.

Data Definition Type	Name	Status
Data module	Patient Details	Existing
Data module	Document Details	Existing
Data module	Event Details	Existing
Data module	PROMs Details	Existing
Data module	Data Entry Details	Existing
Data module	Data Entry Questions	Existing
Data item	Q1	New
Data item	Q2	New
Data item	Q3	New
Data item	Q4	New
Data item	Q5	New
Data item	Q6	New
Data item	Q7	New
Data item	Q8	New
Data item	Q9	New
Data item	Q10	New

Appendix B: Highlighted changes to be made to the NHS Wales Data Dictionary

Changes to the NHS Wales Data Dictionary are detailed below, with new text being highlighted in **blue** and deletions are shown with a ~~strikethrough.~~ The text shaded in **grey** shows existing text copied from the NHS Wales Data Dictionary.

Data Type	Item Name	Reference	Data represents
Data Module	Patient Details	MPDPX	See PROMs Metadata specification
Data Module	Document Details	MDDPX	See PROMs Metadata specification
Data Module	Event Details	MEDPX	See PROMs Metadata specification
Data Module	PROMs Details	MPRPX	See PROMs Metadata specification
Data Module	Data Entry Details	MDEPX	See PROMs Metadata specification
Data Module	Patient Details	MPDPX	See PROMs Metadata specification
Data Item	Q1	ODIPX001X	Code from applicable value set
Data Item	Q2	ODIPX002X	Code from applicable value set
Data Item	Q3	ODIPX003X	Code from applicable value set
Data Item	Q4	ODIPX004X	Code from applicable value set
Data Item	Q5	ODIPX005X	Code from applicable value set
Data Item	Q6	ODIPX006X	Code from applicable value set
Data Item	Q7	ODIPX007X	Code from applicable value set
Data Item	Q8	ODIPX008X	Code from applicable value set
Data Item	Q9	ODIPX009X	Code from applicable value set
Data Item	Q10	ODIPX010X	Code from applicable value set

- **Please note that all data modules/items are mandatory, but the information specifications contain details for populating items where there is no data, e.g. 8 – N/A, 9 – Unknown, etc.**

- **Note also that a data record should be submitted as long as there is data for 1 or more questions. For questions where an answer has not been supplied, a value of NULL, N/A or unknown should be provided against the relevant data item in accordance with the specification described below.**

Appendix C: Information Specification

Changes to the NHS Wales Data Dictionary are detailed below, with new text being highlighted in **blue** and deletions shown with a ~~strikethrough.~~ Text shaded in **grey** denotes existing content.

Oswestry Disability Index (ODI) version 2.1b

Question Reference	Question Text	Data Item Name	Format	Value Set / Example
ODIPX001X	Pain Intensity	Q1	1-digit numeric	0 — I have no neck pain at this moment. 1 — The pain is very mild at the moment. 2 — The pain is moderate at the moment. 3 — The pain is fairly severe at the moment. 4 — The pain is very severe at the moment. 5 — The pain is the worst imaginable at the moment. 9 — Unknown
ODIPX002X	Personal Care (washing, dressing, etc).	Q2	1-digit numeric	0 — I can look after myself normally without causing extra pain. 1 — I can look after myself normally but it is very painful. 2 — It is painful to look after myself, and I am slow and careful. 3 — I need some help but manage most of my personal care. 4 — I need help every day in most aspects of self-care.

				5	I do not get dressed. I wash with difficulty and stay in bed.
				9	Unknown
ODIPX003X	Lifting	Q3	1-digit numeric	0	I can lift heavy weights without causing extra pain.
				1	I can lift heavy weights, but it gives me extra pain.
				2	Pain prevents me from lifting heavy weights off the floor, but I can manage if items are conveniently positioned, i.e. on a table.
				3	Pain prevents me from lifting heavy weights, but I can manage light to medium weights if they are conveniently positioned.
				4	I can lift only very light weights.
				5	I cannot lift or carry anything at all.
				9	Unknown
ODIPX004X	Walking	Q4	1-digit numeric	0	Pain does not prevent me walking any distance.
				1	Pain prevents me walking more than one mile.
				2	Pain prevents me walking more than a quarter of a mile.
				3	Pain prevents me walking more than 100 yards.

				4	I can only walk using a stick or crutches.
				5	I am in bed most of the time and have to crawl to the toilet.
				9	Unknown
ODIPX005X	Sitting	Q5	1-digit numeric	0	I can sit in any chair as long as I like.
				1	I can sit in my favourite chair as long as I like.
				2	Pain prevents me from sitting for more than 1 hour.
				3	Pain prevents me from sitting for more than half an hour.
				4	Pain prevents me from sitting for more than 10 minutes.
				5	Pain prevents me from sitting at all.
				9	Unknown
ODIPX006X	Standing	Q6	1-digit numeric	0	I can stand as long as I want without extra pain.
				1	I can stand as long as I want but it gives me extra pain.
				2	Pain prevents me from standing for more than 1 hour.
				3	Pain prevents me from standing for more than half an hour.

				4	Pain prevents me from standing for more than 10 minutes.
				5	Pain prevents me from standing at all.
				9	Unknown
ODIPX007X	Sleeping	Q7	1-digit numeric	0	My sleep is never disturbed by pain.
				1	My sleep is occasionally disturbed by pain.
				2	Because of pain I have less than 6 hours sleep.
				3	Because of pain I have less than 4 hours sleep.
				4	Because of pain I have less than 2 hours sleep.
				5	Pain prevents me from sleeping at all.
				9	Unknown
ODIPX008X	Sex life (if applicable)	Q8	1-digit numeric	0	My sex life is normal and causes no extra pain.
				1	My sex life is normal but causes some extra pain.
				2	My sex life is nearly normal but is very painful.
				3	My sex life is severely restricted by pain.
				4	My sex life is nearly absent because of pain.
				5	Pain prevents any sex life at all.
				9	Unknown

ODIPX009X	Social life	Q9	1-digit numeric	0	My social life is normal and causes me no extra pain.
				1	My social life is normal but increases the degree of pain.
				2	Pain has no significant effect on my social life apart from limiting my more energetic interests, e.g. sport, etc.
				3	Pain has restricted my social life and I do not go out as often.
				4	Pain has restricted social life to my home.
				5	I have no social life because of pain.
				9	Unknown
ODIPX010X	Travelling	Q10	1-digit numeric	0	I can travel anywhere without pain.
				1	I can travel anywhere but it gives extra pain.
				2	Pain is bad but I manage journeys over two hours.
				3	Pain restricts me to journeys of less than one hour.
				4	Pain restricts me to short necessary journeys under 30 minutes.
				5	Pain prevents me from travelling except to receive treatment.
				9	Unknown