

COSD Data Items Completeness Priority List

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1.0	23.02.2026	Aurelia Chen	Initial draft created.	Julie Nossiter

NATCAN Key COSD Items

The table outlines the Core COSD Items and Pathology Items required by at least 5 of the 10 NATCAN audits. **Highlighted items** indicate areas where improving data completeness is a priority. Individual audit-specific lists are available on the NATCAN website: [Key COSD Data Items - National Cancer Audit Collaborating Centre](#).

	COSD Item	COSD ID/Code
DEMOGRAPHICS	ETHNIC CATEGORY	CR0150
	PERSON STATED GENDER CODE	CR3170
DIAGNOSIS DETAILS	PRIMARY DIAGNOSIS (ICD)	CR0370
	DATE OF DIAGNOSIS (CLINICALLY AGREED)	CR2030
	T CATEGORY (FINAL PRE-TREATMENT) *	CR0520
	N CATEGORY (FINAL PRE-TREATMENT) *	CR0540
	M CATEGORY (FINAL PRE-TREATMENT) *	CR0560
	M CATEGORY (INTEGRATED STAGE)	CR0640
	BASIS OF DIAGNOSIS (CANCER)	CR0390
	ORGANISATION SITE IDENTIFIER (OF DIAGNOSIS)	CR6230
	MORPHOLOGY (SNOMED) DIAGNOSIS	CR6400
	TNM STAGE GROUPING (FINAL PRE-TREATMENT)	CR0580
	MORPHOLOGY (ICD-O-3)	CR0180
PATIENT FITNESS	PERFORMANCE STATUS (ADULT)	CR0510
PROCESS	SOURCE OF REFERRALS FOR OUTPATIENTS	CR1600
	CLINICAL NURSE SPECIALIST INDICATION CODE	CR2050
	MULTIDISCIPLINARY TEAM DISCUSSION DATE (CANCER)	CR0430
	ORGANISATION SITE IDENTIFIER (PROVIDER FIRST SEEN)	CR1410
	DIAGNOSTIC PROCEDURE DATE	CR7510
	DATE FIRST SEEN	CR0230
TREATMENT	CANCER CARE PLAN INTENT	CR0460
	PLANNED CANCER TREATMENT TYPE	CR0470
	NO CANCER TREATMENT REASON	CR0490
PATHOLOGY	M CATEGORY (PATHOLOGICAL)	pCR0930
	SAMPLE COLLECTION DATE	pCR1010

* Ovarian Cancer and Non-Hodgkin Lymphoma use alternative staging systems instead of TNM staging. The relevant items are listed in the Site-Specific Core Data Items table below.

General Core Data Items

The checked boxes represent General Core COSD Data Items that are essential for each audit project team to perform their analysis effectively.

* Items highlighted in audit-specific colours indicate areas where improvement of data completeness is a priority for the audit.

Category	COSD Item	COSD ID/Code	National Prostate Cancer Audit	National Audit of Primary Breast Cancer	National Audit of Metastatic Breast Cancer	National Lung Cancer Audit	National Bowel Cancer Audit	National Oesophago-gastric Cancer Audit	National Pancreatic Cancer Audit	National Non Hodgkin Lymphoma Audit	National Ovarian Cancer Audit	National Kidney Cancer Audit
DEMOGRAPHICS	ETHNIC CATEGORY	CR0150	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PERSON STATED GENDER CODE	CR3170	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DIAGNOSIS DETAILS	PRIMARY DIAGNOSIS (ICD)	CR0370	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	TUMOUR LATERALITY	CR0380		✓	✓						✓	✓
	DATE OF DIAGNOSIS (CLINICALLY AGREED)	CR2030	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	DATE OF NON PRIMARY CANCER DIAGNOSIS (CLINICALLY AGREED)	CR6500		✓	Recurrent							
	ORIGINAL PRIMARY DIAGNOSIS (ICD)	CR7100			Recurrent							
	METASTATIC TYPE	CR6520		✓	Recurrent							
	METASTATIC SITE	CR1590		✓	✓							
	ORGANISATION SITE IDENTIFIER (OF DIAGNOSIS)	CR6230	✓			✓		✓	✓	✓	✓	✓
	BASIS OF DIAGNOSIS (CANCER)	CR0390	✓			✓		✓	✓	✓	✓	✓
	MORPHOLOGY (ICD-O-3)	CR0180				✓	✓	✓	✓	✓	✓	✓
	MORPHOLOGY (SNOMED) DIAGNOSIS	CR6400				✓	✓	✓	✓	✓	✓	✓
	SNOMED VERSION (DIAGNOSIS)	CR6490									✓	
	GRADE OF DIFFERENTIATION (AT DIAGNOSIS)	CR0410									✓	
METASTATIC SITE	CR6970			Recurrent								
T CATEGORY (FINAL PRE-TREATMENT)	CR0520	✓	✓	n/a	✓	✓	✓	✓	n/a	n/a	✓	

COSD Data Items – Core, Site Specific and Pathology

	COSD Item	COSD ID/Code	Prostate	Primary Breast	Metastatic Breast	Lung	Bowel	Oesophago-gastric	Pancreatic	Non Hodgkin Lymphoma	Ovarian	Kidney
DIAGNOSIS DETAILS	N CATEGORY (FINAL PRE-TREATMENT)	CR0540	✓	✓	n/a	✓	✓	✓	✓	n/a	n/a	✓
	M CATEGORY (FINAL PRE-TREATMENT)	CR0560	✓	✓	✓	✓	✓	✓	✓	n/a	n/a	✓
	TNM STAGE GROUPING (FINAL PRE-TREATMENT)	CR0580	✓	✓	n/a	✓	✓	✓	✓	n/a	n/a	✓
	STAGE DATE (FINAL PRE-TREATMENT STAGE)	CR3120	✓	✓	✓					n/a	n/a	✓
	T CATEGORY (INTEGRATED STAGE)	CR0620	✓	✓	n/a	✓				n/a	n/a	✓
	N CATEGORY (INTEGRATED STAGE)	CR0630	✓	✓	n/a	✓				n/a	n/a	✓
	M CATEGORY (INTEGRATED STAGE)	CR0640	✓	✓	✓	✓				n/a	n/a	✓
	TNM STAGE GROUPING (INTEGRATED)	CR0610	✓	✓	n/a	✓				n/a	n/a	✓
	STAGE DATE (INTEGRATED STAGE)	CR3130	✓	✓	✓					n/a	n/a	✓
PATIENT FITNESS	PERFORMANCE STATUS (ADULT)	CR0510	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	TOBACCO SMOKING STATUS	CR7800				✓						
	ASA SCORE	CR6010		✓			✓	✓	✓			
PROCESS	PALLIATIVE CARE SPECIALIST SEEN INDICATOR (CANCER RECURRENCE)	CR1550			✓							
	SOURCE OF REFERRALS FOR OUTPATIENTS	CR1600	✓	✓	✓	✓	✓		✓	✓	✓	✓
	DATE FIRST SEEN	CR0230		✓	✓			✓	✓		✓	
	ORGANISATION SITE IDENTIFIER (PROVIDER FIRST SEEN)	CR1410	✓			✓	✓	✓	✓	✓		✓
	DATE FIRST SEEN (CANCER SPECIALIST)	CR1360		✓	✓						✓	
	SOURCE OF REFERRALS FOR NON PRIMARY CANCER PATHWAY	CR0300			✓							
	DATE FIRST SEEN - NON PRIMARY CANCER PATHWAY	CR7400			✓							
	PROCEDURE DATE (CANCER IMAGING)	CR0320				✓		✓	✓			
	IMAGING CODE (NICIP)	CR1610				✓		✓	✓			
	IMAGING CODE (SNOMED CT)	CR3110				✓		✓	✓			
CANCER IMAGING MODALITY	CR0330	✓			✓				✓		✓	

COSD Data Items – Core, Site Specific and Pathology

	COSD Item	COSD ID/Code	Prostate	Primary Breast	Metastatic Breast	Lung	Bowel	Oesophago-gastric	Pancreatic	Non Hodgkin Lymphoma	Ovarian	Kidney
PROCESS	IMAGING ANATOMICAL SITE	CR0340	✓			✓				✓		✓
	ANATOMICAL SIDE	CR3000				✓						
	DIAGNOSTIC PROCEDURE DATE	CR7510	✓			✓		✓	✓	✓		✓
	DIAGNOSTIC PROCEDURE (OPCS)	CR7520	✓			✓		✓	✓			
	DIAGNOSTIC PROCEDURE (SNOMED CT)	CR7530				✓		✓	✓			
	CLINICAL NURSE SPECIALIST INDICATION CODE	CR2050	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MULTIDISCIPLINARY TEAM MEETING DATE	CR3080	✓		✓							✓
	MULTIDISCIPLINARY TEAM MEETING TYPE	CR3190			✓		✓					
	MULTIDISCIPLINARY TEAM DISCUSSION DATE (CANCER)	CR0430	✓		✓	✓		✓	✓	✓		✓
	ORGANISATION SITE IDENTIFIER (OF PROVIDER CANCER TREATMENT START DATE)	CR1450					✓					
TREATMENT	CANCER CARE PLAN INTENT	CR0460	✓	✓	✓		✓	✓	✓	✓	✓	✓
	PLANNED CANCER TREATMENT TYPE	CR0470	✓	✓	✓		✓				✓	✓
	NO CANCER TREATMENT REASON	CR0490	✓	✓	✓		✓				✓	✓
	CANCER TREATMENT INTENT	CR0680					✓					
	TREATMENT START DATE (CANCER)	CR1370				✓						
	CANCER TREATMENT MODALITY (REGISTRATION)	CR2040	✓			✓				✓		✓
	ORGANISATION SITE IDENTIFIER (OF PROVIDER CANCER TREATMENT START DATE)	CR1450				✓						
	PROCEDURE DATE	CR0710				✓	✓					
	PRIMARY PROCEDURE (OPCS)	CR0720				✓	✓					
	SURGICAL ACCESS TYPE	CR6310				✓	✓					

Site-Specific Core Data Items

The table outlines the Site-Specific Core COSD Data Items for each audit, with the audit name shown in the *Cancer Audit* column.

* Items highlighted in audit-specific colours indicate areas where improvement of data completeness is a priority for the audit.

	COSD Item	COSD ID/Code	Cancer Audit
DIAGNOSIS DETAILS	PROSTATE BIOPSY TECHNIQUE	UR15410	Prostate
	BIOPSY ANAESTHETIC	UR15440	Prostate
	mpMRI PRE-BIOPSY	UR15500	Prostate
	MRI/FUSION BIOPSY	UR15510	Prostate
	PSA (DIAGNOSIS)	UR15070	Prostate
	TUMOUR HEIGHT ABOVE ANAL VERGE	CO5160	Bowel
	FLIPI 2 INDEX SCORE	HA8360	NHL
	(R)IPI INDEX SCORE	HA8450	NHL
	ARBOR STAGE	HA8280	NHL
	BINET STAGE	HA8240	NHL
	FINAL FIGO STAGE	GY7010	Ovarian
	RESIDUAL DISEASE	GY7460	Ovarian
	ESTIMATED GLOMERULAR FILTRATION RATE	UR15000	Kidney
	FITNESS ASSESSMENT INDICATOR	BR4500	Primary Breast
	FITNESS ASSESSMENT DATE	BR4510	Primary Breast
	CLINICAL FRAILTY SCORE	BR4520	Primary Breast
	ABBREVIATED MENTAL TEST SCORE	BR4530	Primary Breast
	CARDIORESPIRATORY DISEASE	BR4540	Primary Breast
	OTHER NON-BREAST LOCALLY ADVANCED/METASTATIC MALIGNANCY	BR4550	Primary Breast
	DEMENTIA DIAGNOSIS	BR4560	Primary Breast

	COSD Item	COSD ID/Code	Cancer Audit
PROCESS	TRIPLE DIAGNOSTIC ASSESSMENT	BR4400	Primary Breast
	PROCEDURE - NERVE SPARING	UR15420	Prostate
TREATMENT	RADICAL PROSTATECTOMY MARGIN STATUS	UR15430	Prostate
	SURGICAL URGENCY TYPE	CO6000	Bowel

COSD Data Items – Core, Site Specific and Pathology

General Pathology Data Items

The checked boxes represent General Pathology Data Items that are essential for each audit project team to perform their analysis effectively

* Items highlighted in audit-specific colours indicate areas where improvement of data completeness is a priority for the audit.

	COSD Item	COSD ID/Code	Prostate	Primary Breast	Metastatic Breast	Lung	Bowel	Oesophago-gastric	Pancreatic	Non Hodgkin Lymphoma	Ovarian	Kidney	
PATHOLOGY	SNOMED VERSION (PATHOLOGY)	pCR6990									✓		
	MORPHOLOGY (SNOMED) PATHOLOGY	pCR6420									✓		
	SAMPLE COLLECTION DATE	pCR1010	✓	✓	✓					✓	✓	✓	
	TUMOUR LATERALITY	pCR0820									✓		
	LESION SIZE (PATHOLOGICAL)	pCR0830										✓	
	GRADE OF DIFFERENTIATION (AT DIAGNOSIS)	CR0410		✓									
	GRADE OF DIFFERENTIATION (PATHOLOGY)	pCR0860									✓		
	PERINEURAL INVASION	pCR1100	✓										
	EXCISION MARGIN	pCR0880						✓					
	EXCISION MARGIN (CIRCUMFERENTIAL)	pCR1150					✓	✓					
	T CATEGORY (PATHOLOGICAL)	pCR0910	✓	✓			✓					✓	
	N CATEGORY (PATHOLOGICAL)	pCR0920	✓	✓			✓					✓	
	M CATEGORY (PATHOLOGICAL)	pCR0930	✓	✓	✓		✓					✓	
	TNM STAGE GROUPING (PATHOLOGICAL)	pCR0940	✓	✓								✓	
	NUMBER OF NODES EXAMINED	pCR0890		✓				✓	✓				
NUMBER OF NODES POSITIVE	pCR0900		✓				✓	✓					

Site-Specific Pathology Data Items

The table outlines the Site-Specific Pathology Data Items for each audit, with the audit name shown in the *Cancer Audit* column.

* Items highlighted in audit-specific colours indicate areas where improvement of data completeness is a priority for the audit.

	COSD Item	COSD ID/Code	Cancer Audit
PATHOLOGY	NON-INVASIVE GRADE	pBR4160	Primary Breast
	NON-INVASIVE TUMOUR SIZE	pBR4180	Primary Breast
	WHOLE TUMOUR SIZE	pBR4190	Primary Breast
	ER ALLRED SCORE	pBR4230	Primary/Metastatic Breast
	ER STATUS	pBR4220	Primary/Metastatic Breast
	PR ALLRED SCORE	pBR4300	Primary/Metastatic Breast
	PR STATUS	pBR4290	Primary/Metastatic Breast
	HER2 IHC STATUS	pBR4280	Primary/Metastatic Breast
	HER2 ISH STATUS	pBR4310	Primary/Metastatic Breast
	BIOPSY GLEASON GRADE (PRIMARY)	pUR15350	Prostate
	BIOPSY GLEASON GRADE (SECONDARY)	pUR15360	Prostate
	NON-BIOPSY GLEASON GRADE (PRIMARY)	pUR15370	Prostate
	NON-BIOPSY GLEASON GRADE (SECONDARY)	pUR15380	Prostate
	NON-BIOPSY GLEASON GRADE (TERTIARY)	pUR15390	Prostate
	TURP TUMOUR PERCENTAGE	pUR15270	Prostate
	EXCISION MARGIN (PROXIMAL)	pUG14510	OG
	EXCISION MARGIN (DISTAL)	pUG14520	OG

	COSD Item	COSD ID/Code	Cancer Audit
PATHOLOGY	TUMOUR NECROSIS INDICATOR	pUR15130	Kidney
	PERINEPHRIC FAT INVASION	pUR15140	Kidney
	ADRENAL INVASION	pUR15150	Kidney
	RENAL VEIN TUMOUR	pUR15160	Kidney
	GEROTA'S FASCIA INVASION	pUR15170	Kidney

Audit Contacts:

Audit	Email
National Prostate Cancer Audit	NPCA@rcseng.ac.uk
National Audit of Primary Breast Cancer	breastcanceraudits@rcseng.ac.uk
National Audit of Metastatic Breast Cancer	breastcanceraudits@rcseng.ac.uk
National Lung Cancer Audit	NLCA@rcseng.ac.uk
National Bowel Cancer Audit	NBOCA@rcseng.ac.uk
National Oesophago-gastric Cancer Audit	OGcanceraudit@rcseng.ac.uk
National Pancreatic Cancer Audit	Pancreaticcanceraudit@rcseng.ac.uk
National Non-Hodgkin Lymphoma Audit	NHLaudit@rcseng.ac.uk
National Ovarian Cancer Audit	Ovariancanceraudit@rcseng.ac.uk
National Kidney Cancer Audit	Kidneycanceraudit@rcseng.ac.uk

Key COSD Data Item List for each audit: [Key COSD Data Items - National Cancer Audit Collaborating Centre](#)