Person with cancer—histopathological grade, code N

Exported from METEOR (AIHW's Metadata Online Registry)

Person with cancer—histopathological grade, code N

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Histopathological grade
METEOR identifier:	422555
Registration status:	Health!, Standard 07/12/2011
Definition:	The histopathological grade or differentiation in a person with cancer, as represented by a code.

Data element concept attributes

Identifying and definitional attributes

Data element concept:	Person with cancer—histopathological grade
METEOR identifier:	288657
Registration status:	Health!, Standard 04/06/2004
Definition:	The histopathological grade, differentiation or phenotype describes how little the tumour resembles the normal tissue from which it arose.
Object class:	Person with cancer
Property:	Histopathological grade

Value domain attributes

Identifying and definitional attributes

Value domain:	Histopathological grade code N
METEOR identifier:	457191
Registration status:	Health!, Standard 07/12/2011
Definition:	A code set representing how little the tumour resembles the normal tissue from which it arose.

Representational attributes

Representation class:	Code	
Data type:	Number	
Format:	N	
Maximum character length:	1	
	Value	**Meaning**
Permissible values:	1	Grade 1: Low grade; well differentiated, differentiated, NOS
	2	Grade 2: Intermediate grade, moderately differentiated, moderately well differentiated, intermediate differentiation
	3	Grade 3: High grade, poorly differentiated
	4	Grade 4: Undifferentiated, anaplastic

Supplementary values:	9	Grade or differentiation not determined, not stated or not applicable

Data element attributes

Collection and usage attributes

Guide for use:	Histopathological grade or differentiation describes how little the tumour resembles the normal tissue from which it arose.

Only malignant tumours are graded and only one code can be recorded.

When more than one grade is documented for the primary tumour within the same specimen report, use the highest grade. For example, if grade 2-3 is documented, record the grade as 3.

If the grades differ on multiple pathology reports for the same tumour, use the value from the larger specimen (for example, the grade from a surgical excision specimen would be used over the grade from a specimen from a diagnostic biopsy).

Breast cancer coding rules:

Use the Nottingham grade (Elston-Ellis modification of Bloom-Richardson grading system). This classification only uses grades 1-3, 9.

For an invasive tumour with an in situ component, record the grade for the invasive component only. If the grade of the invasive component is not reported, record the grade as unknown. |
| **Collection methods:** | Cancer registry use:

Collection of this data item should only be from notification and pathology reports relating to initial diagnosis and not for recurrent or metastatic disease.

Only malignant tumours are graded. |

Source and reference attributes

Origin:	World Health Organization

Commission on Cancer American College of Surgeons |
| **Reference documents:** | Fritz A et al. 2000. International Classification of Diseases for Oncology, Third edition (ICD-O), 3rd edition. Geneva: World Health Organization

American College of Surgeons 1998. Standards of the Commission on Cancer Registry Operations and Data Standards (ROADS), Volume II, Commission on Cancer

Johnson CH & Adamo M (Editors) 2007. SEER Program Coding and Staging Manual 2007. MD 2007. Bethesda: National Cancer Institute, NIH Publication number 07-5581 |

Relational attributes

Related metadata references:	Supersedes Person with cancer—histopathological grade, code N Health!, Superseded 07/12/2011

Implementation in Data Set Specifications:

[Breast cancer (cancer registries) NBPDS](#)
[Health!](#), Standard 01/09/2012
DSS specific information:

Breast cancer coding rules:

Use the Nottingham grade (Elston-Ellis modification of Bloom-Richardson grading system). This classification only uses grades 1-3, 9.

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[Cancer (clinical) DSS](#)
[Health!](#), Superseded 08/05/2014

[Cancer (clinical) DSS](#)
[Health!](#), Superseded 14/05/2015

[Cancer (clinical) NBPDS](#)
[Health!](#), Standard 14/05/2015