

## OBJECTIVES

To assess the completeness and details of cancer registration in older patients, a distinct more frail population with specific needs in oncological care.

## MATERIALS AND METHODS

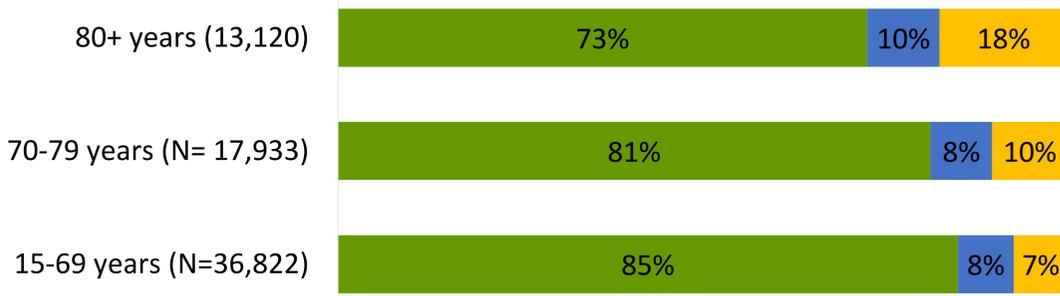
The Belgian Cancer Registry is a national and population based cancer registry, collecting data from oncological care programs (clinical network) and pathology labs (pathology network). Completeness and availability of information was verified between age groups (15-69y, 70-79y, 80+y) for incidence years 2004-2016, by assessing the overlap between the clinical and pathology network, the percentage of microscopic verification, availability of stage, specified morphology and primary site for all cancers (excl. non-melanoma skin cancer).

## RESULTS

### Overlap between notifications from source types decreases in older patients

(Belgium 2016)

■ Both networks ■ Only pathology network ■ Only clinical network



### Primary localisation more often unspecified in older patients

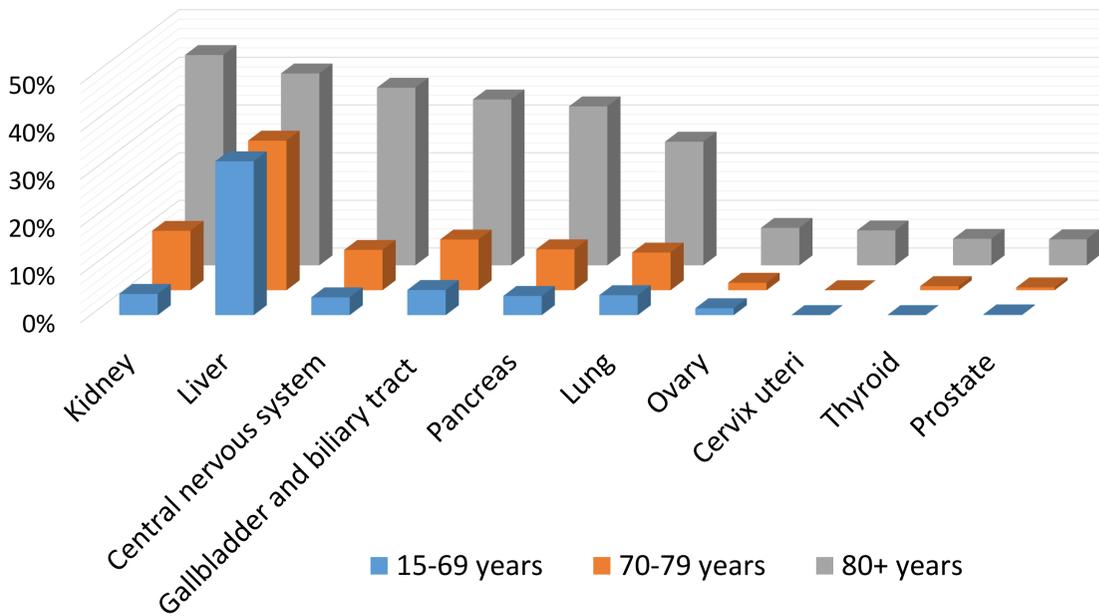
(Belgium 2004-2016)

ICD10	C00-C43;C45-C97 + MDS/MPN	C76;C80	
	N	N	%
15-69 years	445,560	5,308	1.2%
70-79 years	224,391	3,724	1.7%
80+ years	142,639	3,606	2.5%

### % of cases without microscopic verification higher in older patients

(Belgium 2016)

All tumours: 15-69 year: 1.5% , 70-79 years: 3.0% , 80+ years: 8.6%



### Morphology more often unspecified in older patients

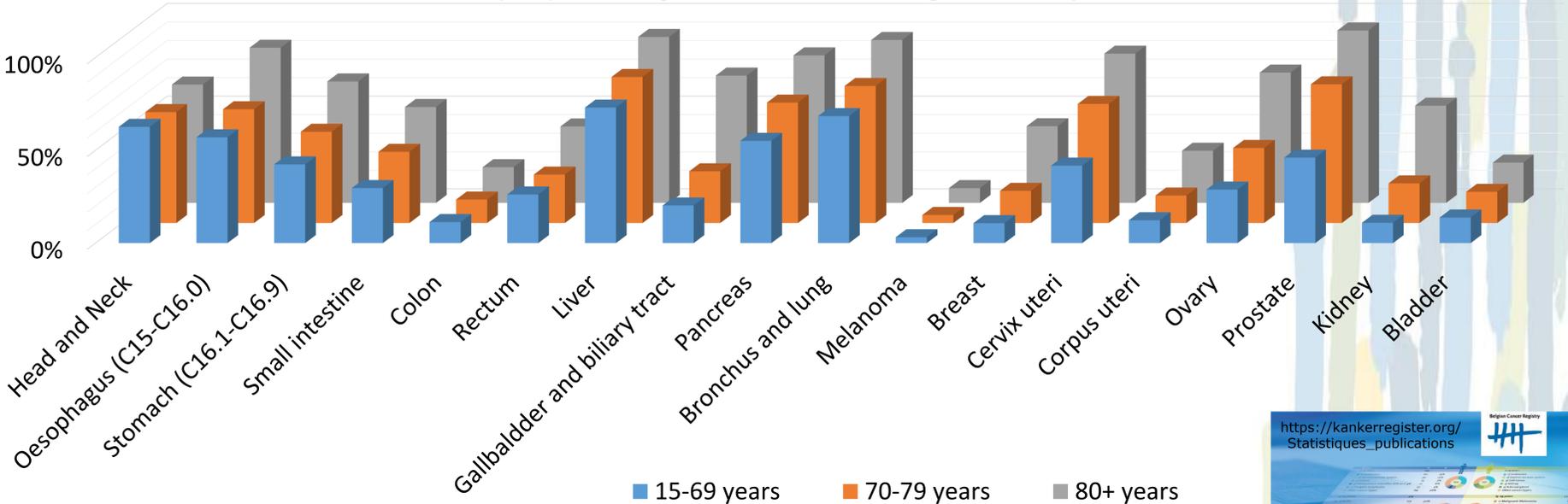
(Belgium 2004-2016)

ICD10 (invasive)	C00-C43;C45-C97 + MDS/MPN	8000-8005 /3	
	N	N	%
15-69 years	445,560	3,889	0.9%
70-79 years	224,391	5,036	2.2%
80+ years	142,639	9,017	6.3%

ICD10 (haematology)	C81-C96 + MDS/MPN	9590;9591; 9800 /3	
	N	N	%
15-69 years	38,851	769	2.0%
70-79 years	22,174	595	2.7%
80+ years	16,210	656	4.0%

### % of missing pTNM stage higher in older patients

(only for stageable tumours, Belgium 2016)



## CONCLUSIONS

Cancer registration in older patients is more likely to be incomplete and the diagnosis is often less detailed. This is probably due to a combination of a different path of care (oncology department vs. geriatric or home setting) and less frequent use of diagnostic techniques and surgical treatments.



Cancer in an Ageing Population  
Belgium 2004-2016

### Contact

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