CANCER INCIDENCE PROJECTIONS: 2018-2042

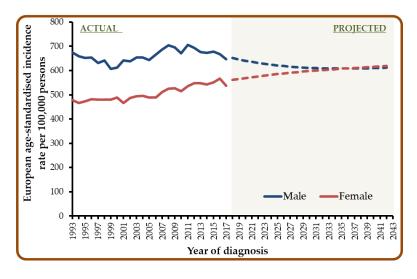
SUMMARY

PROJECTED INCIDENCE RATES

PROJECTED INCIDENCE RATES FOR ALL CANCERS (EX. NMS)

Incidence rates of cancer (ex. NMS) among men are projected to decrease slightly in forthcoming years with a 7% reduction by 2025, compared to rates in 2013-2017, and a 9% reduction by 2040.

Among women incidence rates are projected to continue to increase, with a 7% rise by 2025 and a 12% rise by 2040 expected.



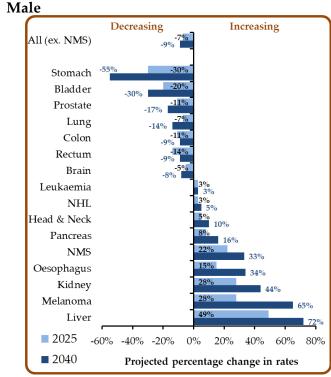
PROJECTED CHANGE IN INCIDENCE RATES BY SEX AND TYPE

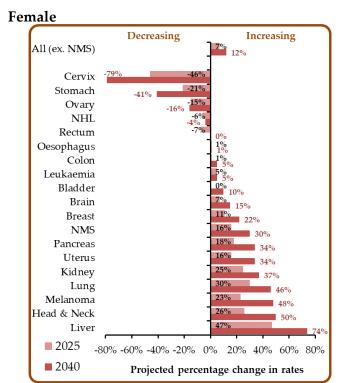
Compared to the 2013-2017 average male incidence rates are projected to:

- **decrease** by more than 10% by 2025 and by more than 20% by 2040 for stomach, bladder and prostate cancers;
- **increase** by more than 20% by 2025 and by more than 40% by 2040 for malignant melanoma, kidney and liver cancers.

Also compared to the 2013-2017 average female incidence rates are projected to:

- **decrease** by more than 10% by 2025 and by more than 20% by 2040 for stomach and cervical cancers;
- **increase** by more than 20% by 2025 and by more than 40% by 2040 for malignant melanoma, lung, head & neck and liver cancers.





NHL: Non-Hodgkin's lymphoma, NMS: Non-melanoma skin

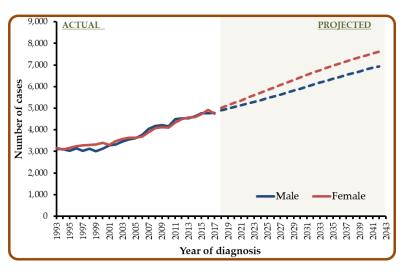
PROJECTED NUMBER OF CASES DIAGNOSED

PROJECTED NUMBER OF CASES OF CANCER (EX. NMS) DIAGNOSED

In 2013-2017 there were 4,691 male and 4,710 female cases of cancer (ex. NMS) diagnosed each year.

By 2025 this is expected to rise by 16% for men and by 24% for women to 5,463 and 5,840 cases per year respectively.

By 2040 the number of cases per year is projected to be 6,788 male and 7,450 female cases, a 45% rise among men and a 58% rise among women.



PROJECTED number of cases diagnosed by sex and cancer type in 2025 and 2040

By 2040 the most common cancers are expected to remain breast, bowel (colon & rectum), lung and prostate cancer. The number of breast cancers is expected to reach 2,200 cases per year, while the number of prostate cancers is expected to reach 1,500 cases per year. The total number of lung cancers is expected to exceed 2,300 cases per year, with more female than male cases projected.

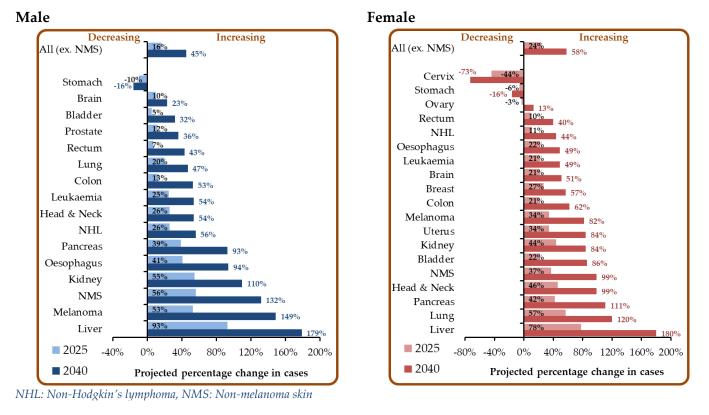
Cancer type	Male					Female				
		2025 Number of cases (% change from 2013-17)		2040 Number of cases (% change from 2013-17)		2013-17 cases per year	2025		2040	
	2013-17 cases per year						Number of cases (% change from 2013-17)		Number of cases (% change from 2013-17)	
All (ex. NMS)	4,691	5,463	16%	6,788	45%	4,710	5,840	24%	7,450	58%
Bladder	155	163	5%	205	32%	64	78	22%	119	86%
Brain	85	93	10%	104	23%	64	77	21%	97	51%
Breast	-	-	-	-	-	1,398	1,769	27%	2,201	57%
Cervix	-	-	-	-	-	83	46	-44%	23	-73%
Colon	424	478	13%	649	53%	395	478	21%	639	62%
Head & Neck	232	291	26%	358	54%	96	140	46%	191	99%
Kidney	199	309	55%	417	110%	116	167	44%	213	84%
Leukaemia	134	167	25%	207	54%	95	115	21%	142	49%
Liver	85	164	93%	237	179%	48	85	78%	134	180%
Lung	680	815	20%	1,003	47%	610	956	57%	1,344	120%
Melanoma	174	266	53%	433	149%	203	273	34%	370	82%
NHL	184	233	26%	287	56%	151	167	11%	217	44%
NMS	2,149	3,361	56%	4,986	132%	1,571	2,158	37%	3,127	99%
Oesophagus	151	213	41%	292	94%	67	81	22%	100	49%
Ovary	-	-	-	-	-	208	201	-3%	235	13%
Pancreas	130	181	39%	251	93%	124	177	42%	262	111%
Prostate	1,133	1,272	12%	1,537	36%	-	-	-	-	-
Rectum	228	244	7%	326	43%	138	151	10%	193	40%
Stomach	137	123	-10%	115	-16%	80	75	-6%	68	-16%
Uterus	-	-	-	-	-	249	335	34%	459	84%

NHL: Non-Hodgkin's lymphoma, NMS: Non-melanoma skin

PROJECTED CHANGE IN NUMBER OF CASES DIAGNOSED BY SEX AND TYPE

By 2040 the number of cases diagnosed each year among men is projected to increase for all cancer types compared to 2013-2017, except for stomach cancer, while among women increases are expected for all cancer types except cervical and stomach cancer.

The number of cases diagnosed each year is expected to increase among males by more than 100% for malignant melanoma, non-melanoma skin, kidney and liver cancers, and among females by more than 100% for liver, pancreatic and lung cancers.



FACTORS THAT CAN INFLUENCE CANCER INCIDENCE PROJECTIONS

• Changes to risk factor exposure within the general population.

The risk factors likely to have the greatest impact on future projections are: Tobacco use; Excessive alcohol consumption; Obesity, lack of physical activity and/or lack of a balanced diet; Ultraviolet radiation from sunshine or sun beds.

- Introduction of health service initiatives that aim to either prevent or diagnose cancer early. These include vaccinations (e.g. the HPV vaccination), screening (e.g. the breast, cervical and colorectal screening programmes) and diagnostic tests (e.g. PSA testing for prostate cancer).
 - Changes to the way in which cancer is classified and/or revisions to population projections.

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