

EUROPE

Number of new cases

4 471 422

Number of deaths

1 986 093

Number of prevalent cases (5-year)

13 646 087

Statistics at a glance, 2022

	Males	Females	Both sexes
Population	361 242 024	386 301 803	747 543 827
Incidence*			
Number of new cancer cases	2 359 303	2 112 119	4 471 422
Age-standardized incidence rate	319.6	253.4	280.0
Risk of developing cancer before the age of 75 years (cum. risk %)	31.9	24.7	27.9
Top 3 leading cancers (ranked by cases)**	Prostate Lung Colorectum	Breast Colorectum Lung	Breast Colorectum Lung
Mortality*			
Number of cancer deaths	1 091 871	894 222	1 986 093
Age-standardized mortality rate	135.3	84.4	106.3
Risk of dying from cancer before the age of 75 years (cum. risk %)	14.3	9.0	11.5
Top 3 leading cancers (ranked by deaths)**	Lung Colorectum Prostate	Breast Lung Colorectum	Lung Colorectum Breast
Prevalence*			
5-year prevalent cases	6 888 582	6 757 505	13 646 087

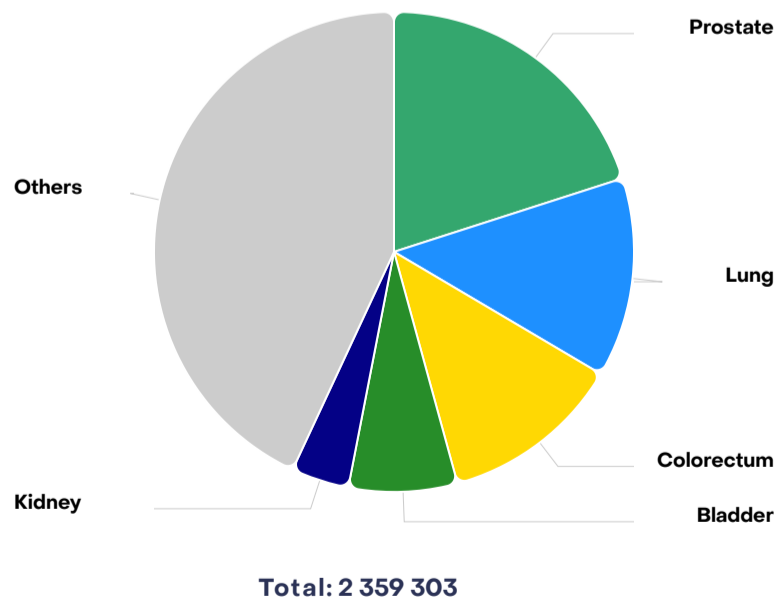
Population(s) included: Southern Europe, Western Europe, Eastern Europe, Northern Europe



Kilometers
0 250 500 1000

Top 5 most frequent cancers**

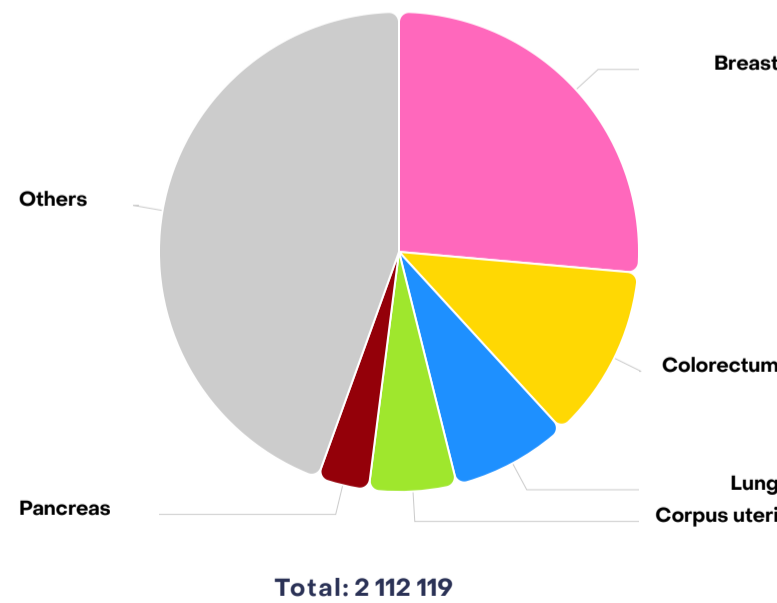
Males



Rank	Cancer site	Number of cases	Percent
1st	Prostate	473 011	20.0%
2nd	Lung	317 070	13.4%
3rd	Colorectum	289 049	12.3%
4th	Bladder	172 588	7.3%
5th	Kidney	91 652	3.9%
-	Others	1 015 933	43.1%

Number of new cases in 2022, males, all ages

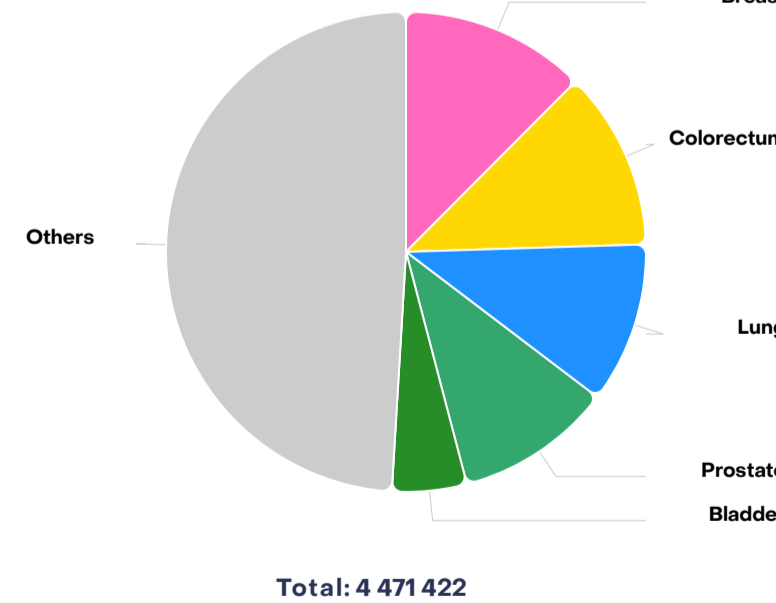
Females



Rank	Cancer site	Number of cases	Percent
1st	Breast	557 532	26.4%
2nd	Colorectum	249 213	11.8%
3rd	Lung	167 236	7.9%
4th	Corpus uteri	124 874	5.9%
5th	Pancreas	73 500	3.5%
-	Others	939 764	44.5%

Number of new cases in 2022, females, all ages

Both sexes



Rank	Cancer site	Number of cases	Percent
1st	Breast	557 532	12.5%
2nd	Colorectum	538 262	12.0%
3rd	Lung	484 306	10.8%
4th	Prostate	473 011	10.6%
5th	Bladder	224 777	5.0%
-	Others	2 193 534	49.1%

Number of new cases in 2022, both sexes, all ages

Incidence, Mortality and Prevalence by cancer site

Cancer	New cases				Deaths				5-year prevalence	
	Number	Rank	(%)	Cum.risk	Number	Rank	(%)	Cum.risk	Number	Prop. (per 100 000)
Breast	557 532	1	12.5	8.1	144 439	3	7.3	1.6	2 296 495	16.8
Colorectum	538 262	2	12.0	3.6	247 842	2	12.5	1.3	1 698 014	12.4
Lung	484 306	3	10.8	3.6	375 569	1	18.9	2.7	610 169	4.5
Prostate	473 011	4	10.6	7.9	115 182	5	5.8	1.0	1 915 449	14.0
Bladder	224 777	5	5.0	1.5	70 383	8	3.5	0.31	758 094	5.6
Pancreas	146 477	6	3.3	0.95	138 644	4	7.0	0.86	123 249	0.90
Melanoma	146 321	7	3.3	1.1	26 180	18	1.3	0.16	571 712	4.2
Kidney	145 721	8	3.3	1.2	52 347	11	2.6	0.32	473 212	3.5
Stomach	135 610	9	3.0	0.96	95 431	6	4.8	0.61	188 578	1.4
NHL	129 338	10	2.9	0.93	51 808	12	2.6	0.27	430 454	3.2
Corpus uteri	124 874	11	2.8	1.9	30 272	16	1.5	0.34	491 079	3.6
Leukaemia	107 748	12	2.4	0.76	63 839	9	3.2	0.34	329 433	2.4
Liver	88 871	13	2.0	0.61	79 091	7	4.0	0.50	101 599	0.75
Thyroid	78 552	14	1.8	0.75	5 902	26	0.30	0.03	305 021	2.2
Ovary	69 472	15	1.6	1.0	46 232	14	2.3	0.59	208 930	1.5
Brain CNS	67 559	16	1.5	0.56	54 001	10	2.7	0.43	277 002	2.0
Lip, oral cavity	62 073	17	1.4	0.50	24 253	19	1.2	0.19	202 275	1.5
Cervix uteri	58 219	18	1.3	1.0	26 950	17	1.4	0.42	207 993	1.5
Oesophagus	53 513	19	1.2	0.42	47 212	13	2.4	0.34	71 996	0.53
Multiple myeloma	50 092	20	1.1	0.34	31 969	15	1.6	0.17	149 397	1.1
Larynx	40 387	21	0.90	0.35	19 090	20	0.96	0.15	141 669	1.0
Oropharynx	29 800	22	0.67	0.28	13 027	21	0.66	0.11	96 199	0.71
Testis	24 070	23	0.54	0.49	1 611	31	0.08	0.03	109 109	0.80
Hodgkin lymphoma	19 723	24	0.44	0.19	3 796	28	0.19	0.03	79 763	0.59
Vulva	17 651	25	0.40	0.19	6 734	25	0.34	0.05	55 307	0.41
Hypopharynx	16 002	26	0.36	0.15	9 315	23	0.47	0.08	35 602	0.26
Mesothelioma	14 734	27	0.33	0.09	12 281	22	0.62	0.07	16 140	0.12
Gallbladder	12 670	28	0.28	0.08	8 203	24	0.41	0.05	14 867	0.11
Salivary glands	9 135	29	0.20	0.07	4 303	27	0.22	0.02	30 860	0.23
Penis	6 732	30	0.15	0.10	2 011	30	0.10	0.03	22 823	0.17
Nasopharynx	4 513	31	0.10	0.04	2 563	29	0.13	0.02	15 655	0.12
Vagina	3 164	32	0.07	0.04	1 341	32	0.07	0.01	8 468	0.06
All cancers	4 471 422	-	-	27.9	1 986 093	-	-	11.5	13 646 087	-
All cancers excl. NMSC	4 141 360	-	-	26.9	1 972 982	-	-	11.4	12 493 752	-

Data source and methods

Incidence

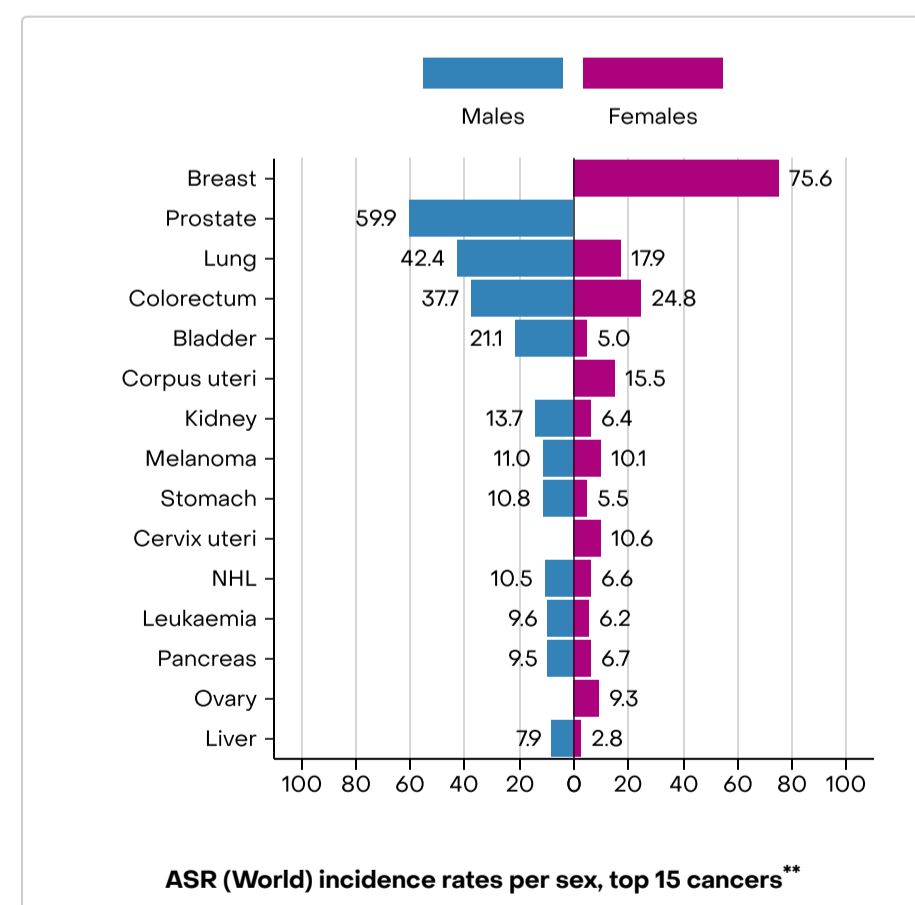
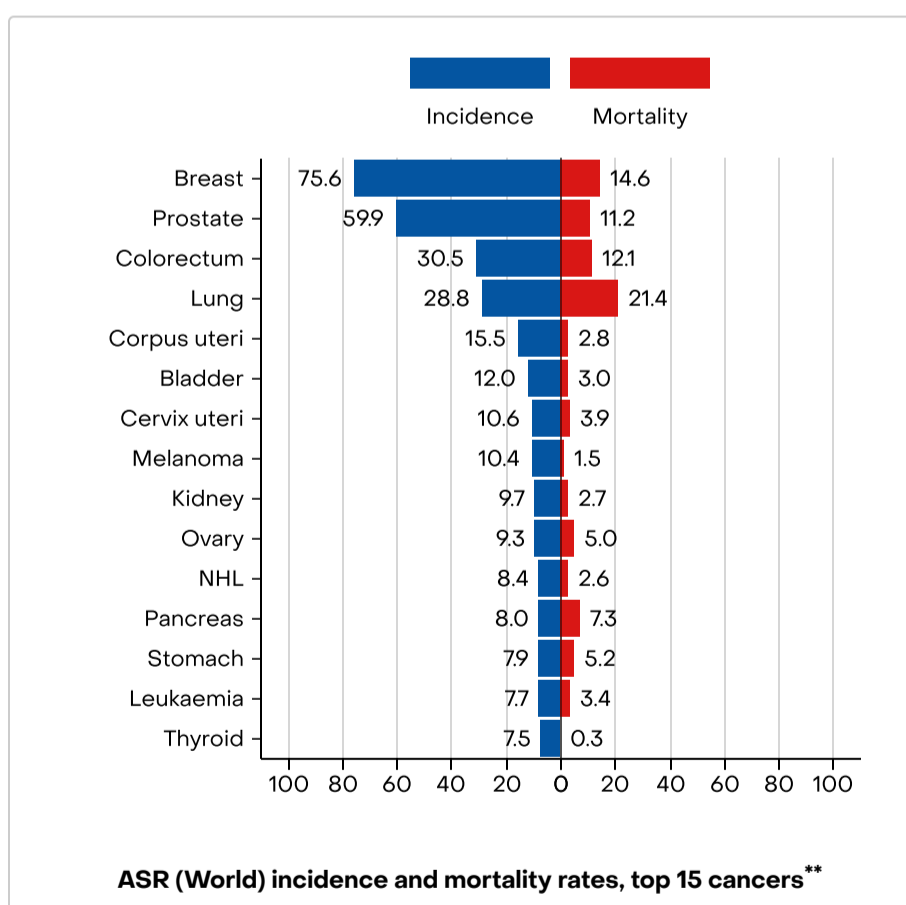
Sum of region-specific cases.

Mortality

Sum of region-specific deaths

Prevalence

Sum of region-specific prevalent cases.



* includes non-melanoma skin cancer (NMSC)

** NMSC included in other cancers

Age standardization using world population ([see link](#))

References

Website citation

Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [DD Month YYYY].

Cancer incidence and mortality data

Sung H, Ferlay J, Siegel RL, Laversanne M, Soerjomataram I, Jemal A, Bray F. Global cancer statistics 2020: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. CA Cancer J Clin. 2021 Feb 4. doi: 10.3322/caac.21660. Epub ahead of print. PMID: 33538338.

Ferlay J, Colombet M, Soerjomataram I, Parkin DM, Piñeros M, Znaor A, Bray F. Cancer statistics for the year 2020: An overview. Int J Cancer. 2021 Apr 5. doi: 10.1002/ijc.33588. Epub ahead of print. PMID: 33818764.

