



KAZAKHSTAN

Number of new cases

36 225

Number of deaths

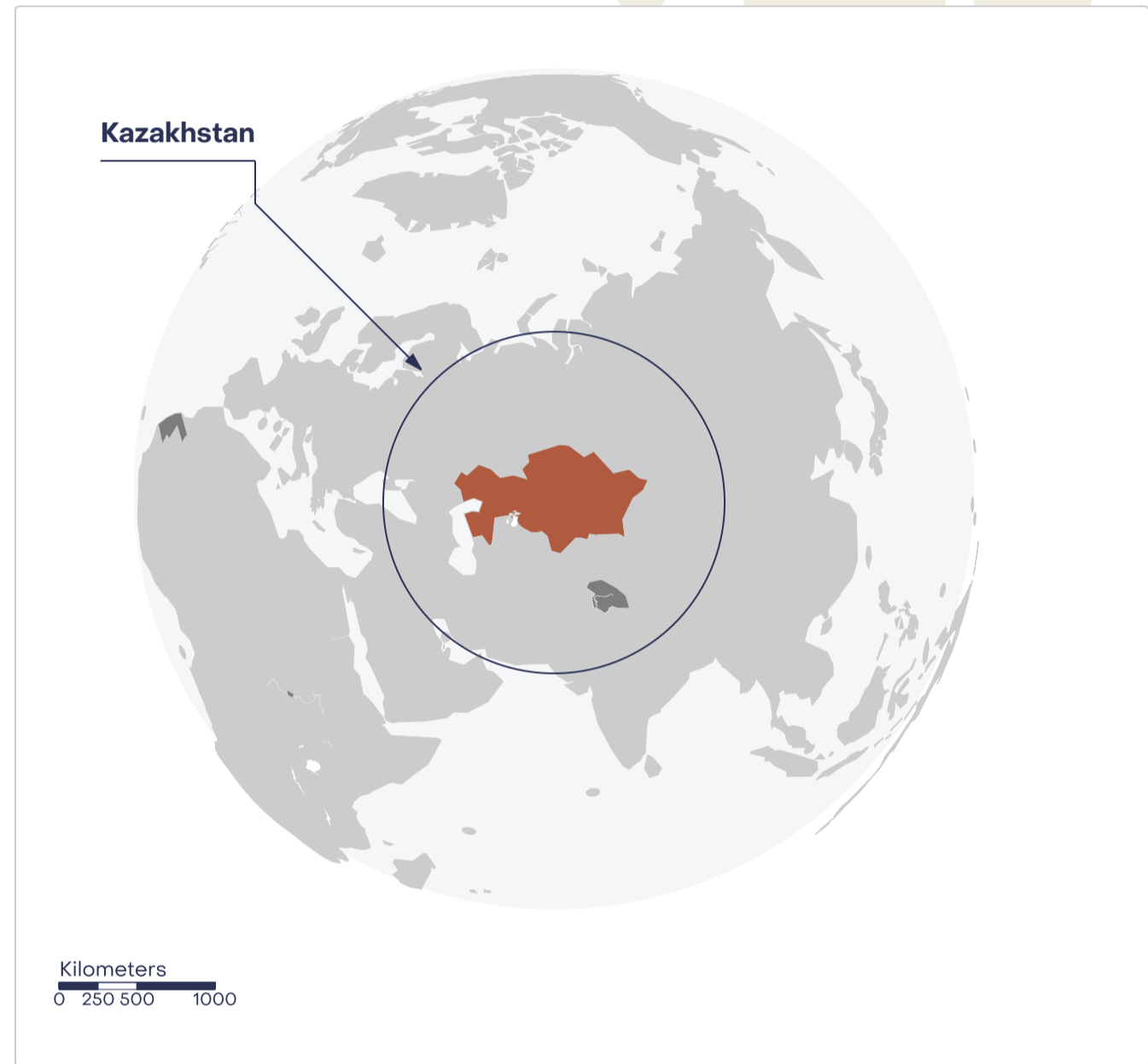
20 686

Number of prevalent cases (5-year)

102 845

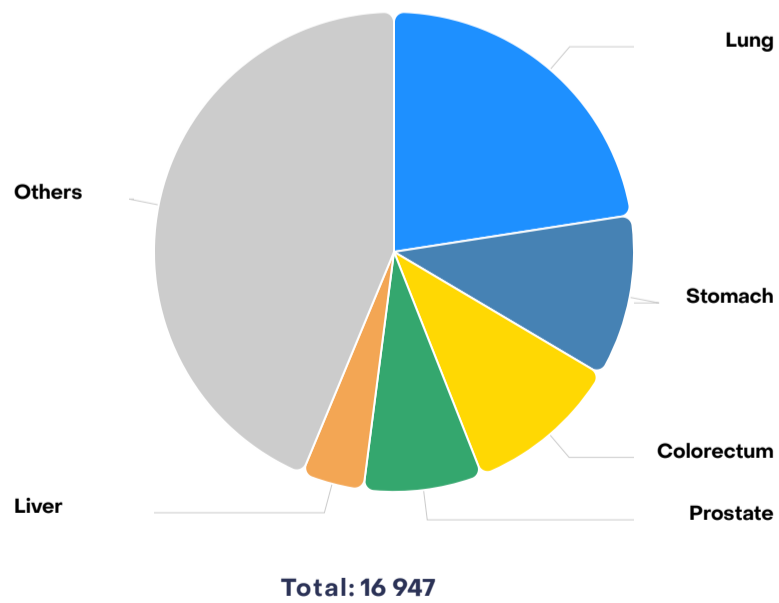
Statistics at a glance, 2022

	Males	Females	Both sexes
Population	9 326 926	9 878 112	19 205 038
Incidence*			
Number of new cancer cases	16 947	19 278	36 225
Age-standardized incidence rate	184.4	152.2	162.3
Risk of developing cancer before the age of 75 years (cum. risk %)	20.7	16.3	17.9
Top 3 leading cancers (ranked by cases)**	Lung Stomach Colorectum	Breast Cervix uteri Colorectum	Breast Lung Colorectum
Mortality*			
Number of cancer deaths	11 365	9 321	20 686
Age-standardized mortality rate	123.9	71.6	92.1
Risk of dying from cancer before the age of 75 years (cum. risk %)	14.5	8.1	10.7
Top 3 leading cancers (ranked by deaths)**	Lung Stomach Colorectum	Breast Colorectum Cervix uteri	Lung Stomach Colorectum
Prevalence*			
5-year prevalent cases	41 275	61 570	102 845



Top 5 most frequent cancers**

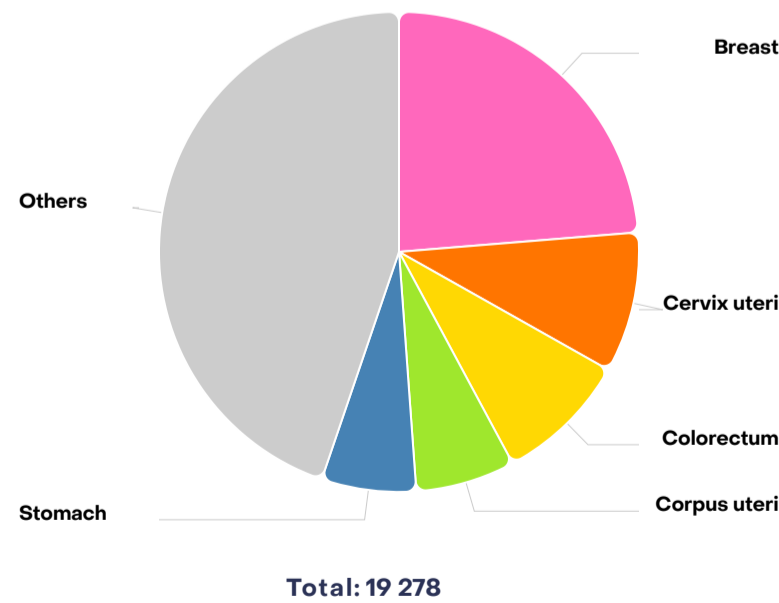
Males



Rank	Cancer site	Number of cases	Percent
1st	Lung	3 822	22.6%
2nd	Stomach	1 857	11.0%
3rd	Colorectum	1 782	10.5%
4th	Prostate	1 359	8.0%
5th	Liver	714	4.2%
-	Others	7 413	43.7%

Number of new cases in 2022, males, all ages

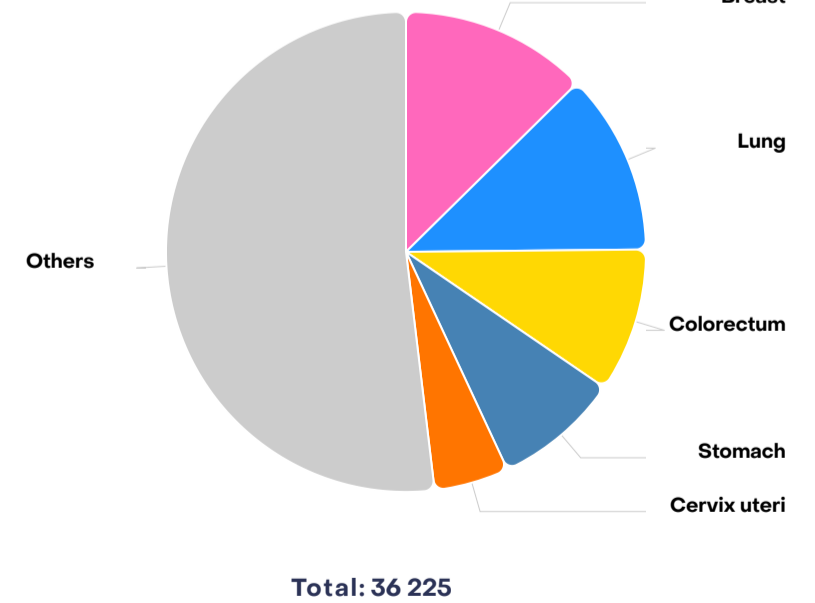
Females



Rank	Cancer site	Number of cases	Percent
1st	Breast	4 570	23.7%
2nd	Cervix uteri	1 824	9.5%
3rd	Colorectum	1 732	9.0%
4th	Corpus uteri	1 291	6.7%
5th	Stomach	1 228	6.4%
-	Others	8 633	44.8%

Number of new cases in 2022, females, all ages

Both sexes



Rank	Cancer site	Number of cases	Percent
1st	Breast	4 570	12.6%
2nd	Lung	4 429	12.2%
3rd	Colorectum	3 514	9.7%
4th	Stomach	3 085	8.5%
5th	Cervix uteri	1 824	5.0%
-	Others	18 803	51.9%

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	4 570	1	12.6	4.2	1 574	4	7.6	1.4	18 412	186.4
Lung	4 429	2	12.2	2.6	3 688	1	17.8	2.2	6 005	31.3
Colorectum	3 514	3	9.7	2.0	1 968	3	9.5	1.1	11 228	58.5
Stomach	3 085	4	8.5	1.8	2 095	2	10.1	1.2	4 824	25.1
Cervix uteri	1 824	5	5.0	1.6	918	7	4.4	0.81	6 509	65.9
Prostate	1 359	6	3.8	2.0	639	9	3.1	0.87	5 260	56.4
Corpus uteri	1 291	7	3.6	1.3	381	14	1.8	0.37	5 051	51.1
Liver	1 199	8	3.3	0.68	953	6	4.6	0.53	1 583	8.2
Pancreas	1 189	9	3.3	0.67	1 172	5	5.7	0.67	1 287	6.7
Kidney	1 013	10	2.8	0.56	468	13	2.3	0.26	3 375	17.6
Oesophagus	946	11	2.6	0.54	827	8	4.0	0.47	1 343	7.0
Ovary	931	12	2.6	0.87	634	10	3.1	0.61	3 027	30.6
Brain CNS	776	13	2.1	0.37	589	12	2.8	0.29	3 262	17.0
Bladder	740	14	2.0	0.41	290	18	1.4	0.15	2 537	13.2
Leukaemia	662	15	1.8	0.31	600	11	2.9	0.27	2 240	11.7
Lip, oral cavity	602	16	1.7	0.33	316	15	1.5	0.17	1 888	9.8
Thyroid	602	16	1.7	0.30	106	22	0.51	0.05	2 223	11.6
Larynx	505	18	1.4	0.29	315	16	1.5	0.18	1 773	9.2
NHL	476	19	1.3	0.25	312	17	1.5	0.17	1 708	8.9
Melanoma	280	20	0.77	0.14	171	19	0.83	0.08	1 036	5.4
Hodgkin lymphoma	168	21	0.46	0.08	89	25	0.43	0.04	664	3.5
Salivary glands	164	22	0.45	0.08	90	24	0.44	0.04	556	2.9
Multiple myeloma	152	23	0.42	0.09	151	20	0.73	0.09	501	2.6
Oropharynx	150	24	0.41	0.08	132	21	0.64	0.07	469	2.4
Testis	132	25	0.36	0.12	40	30	0.19	0.04	540	5.8
Vulva	127	26	0.35	0.11	48	28	0.23	0.04	399	4.0
Gallbladder	111	27	0.31	0.06	94	23	0.45	0.05	159	0.83
Nasopharynx	97	28	0.27	0.05	64	26	0.31	0.03	335	1.7
Hypopharynx	79	29	0.22	0.04	43	29	0.21	0.03	176	0.92
Mesothelioma	53	30	0.15	0.03	53	27	0.26	0.03	94	0.49
Vagina	51	31	0.14	0.05	28	31	0.14	0.02	151	1.5
Penis	38	32	0.11	0.05	17	33	0.08	0.02	131	1.4
All cancers	36 225	-	-	17.9	20 686	-	-	10.7	102 845	-
All cancers excl. NMSC	34 116	-	-	17.1	20 534	-	-	10.7	95 426	-

Data source and methods

Incidence

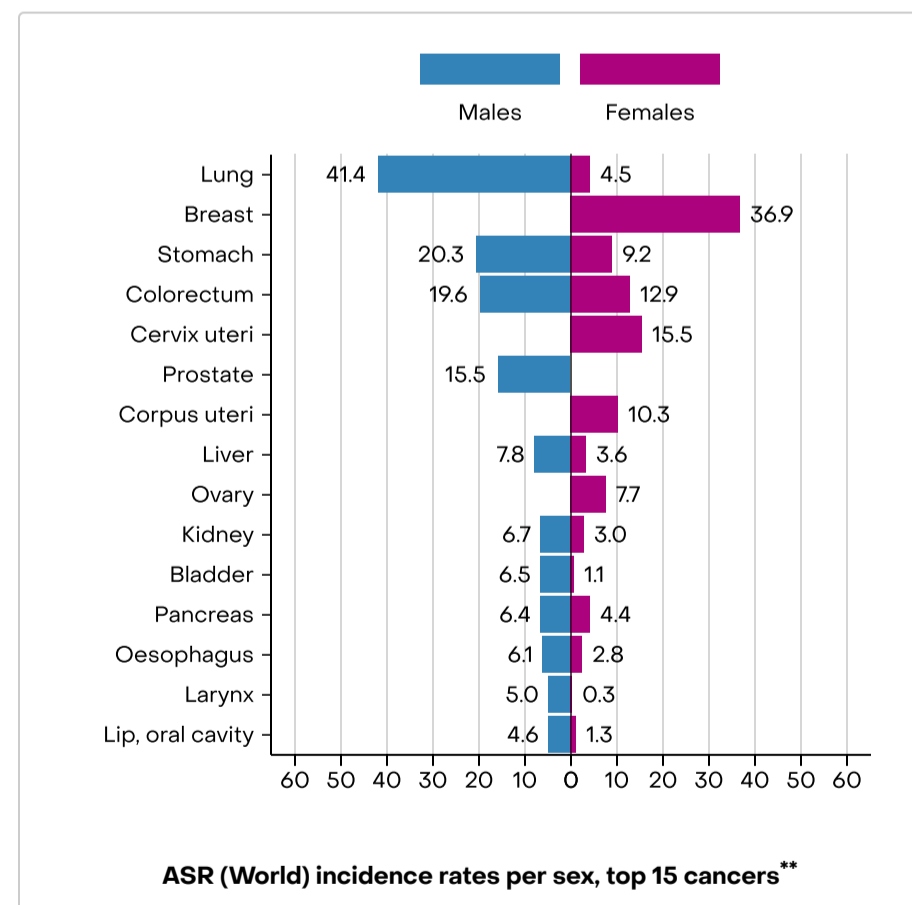
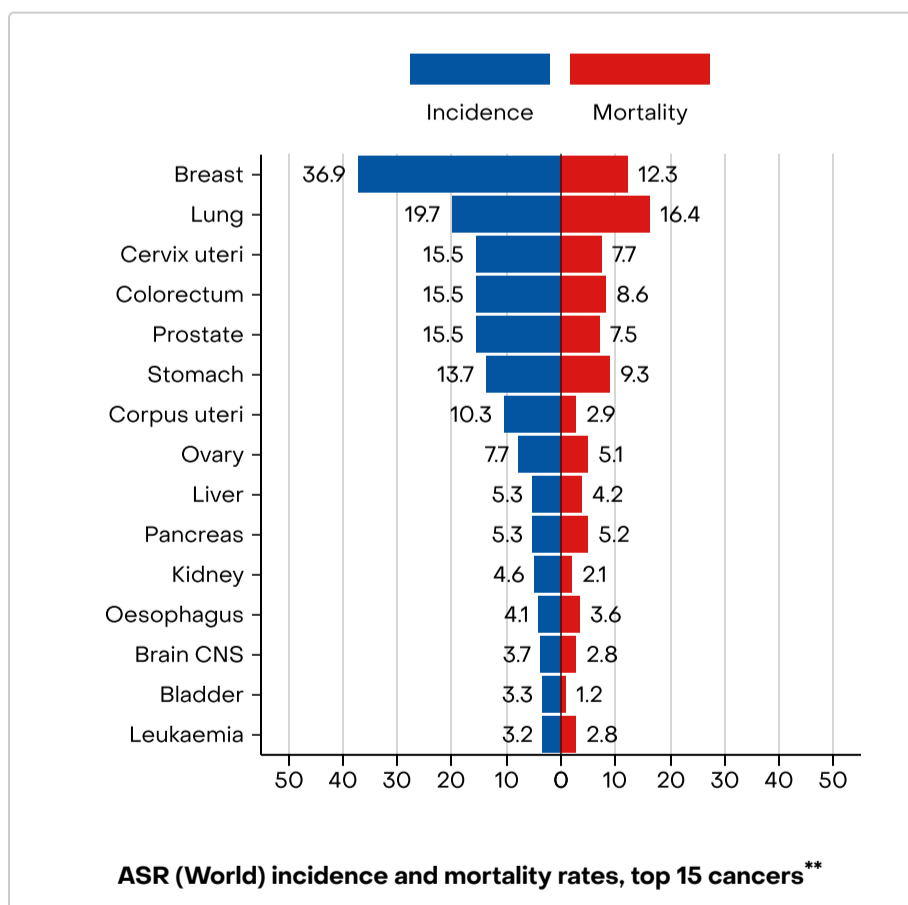
Country-specific data source: National cancer registry
 Method: National (or sub-national with coverage greater than 50%) rates projected to 2022

Mortality

Country-specific data source: National (WHO)
 Method: National rates projected to 2022

Prevalence

Computed using sex-, site- and age-specific incidence to 1-,3- and 5-year prevalence ratios from Nordic countries for the period (2011-2020), and scaled using Human Development Index (HDI) ratios.



* 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.

