

# ROMANIA

Number of new cases

**104 661**

Number of deaths

**56 216**

Number of prevalent cases (5-year)

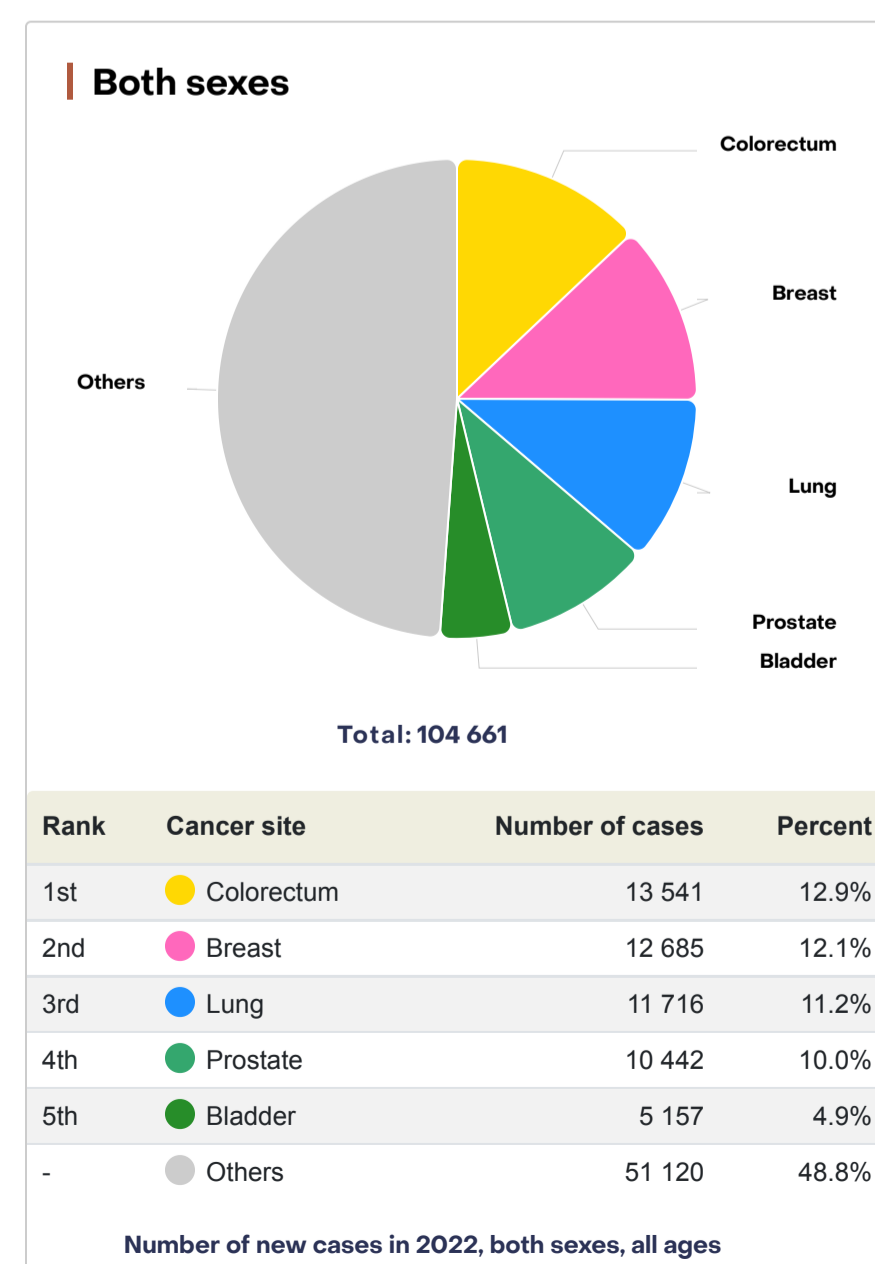
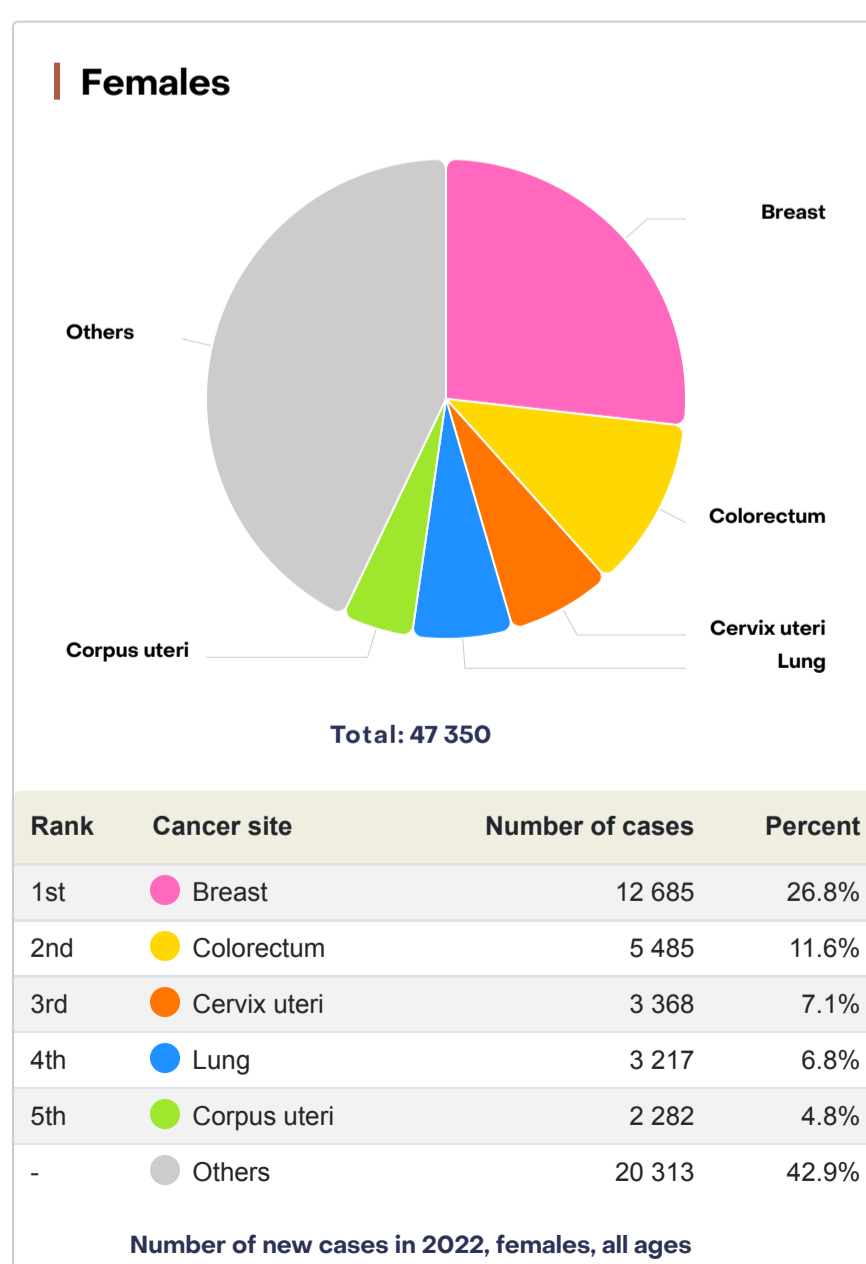
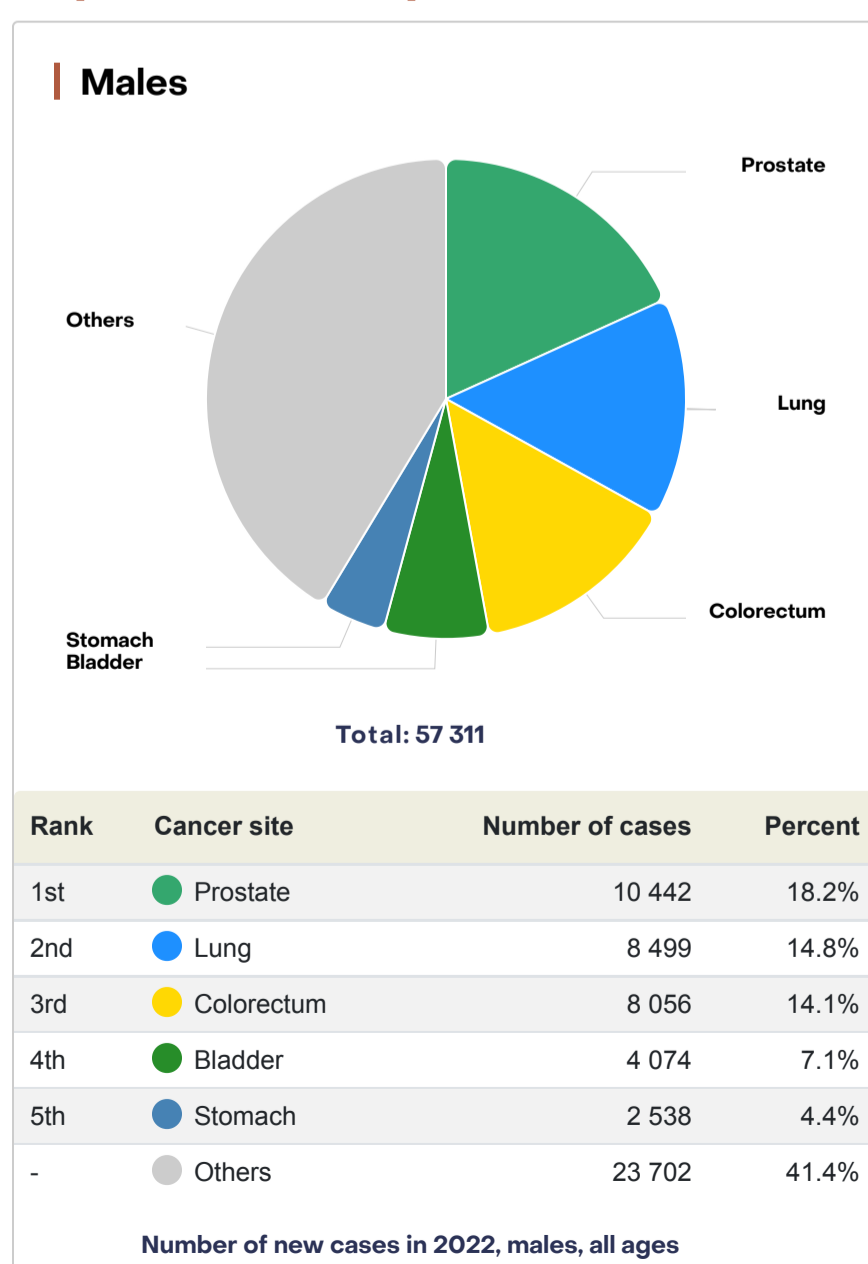
**301 870**

## Statistics at a glance, 2022

	Males	Females	Both sexes
<b>Population</b>	9 252 006	9 779 324	19 031 330
<b>Incidence*</b>			
Number of new cancer cases	57 311	47 350	104 661
Age-standardized incidence rate	330.8	238.1	276.5
Risk of developing cancer before the age of 75 years (cum. risk %)	33.6	23.6	28.1
Top 3 leading cancers (ranked by cases)**	Prostate Lung Colorectum	Breast Colorectum Cervix uteri	Colorectum Breast Lung
<b>Mortality*</b>			
Number of cancer deaths	32 830	23 386	56 216
Age-standardized mortality rate	179.0	96.1	132.5
Risk of dying from cancer before the age of 75 years (cum. risk %)	19.2	10.5	14.6
Top 3 leading cancers (ranked by deaths)**	Lung Colorectum Prostate	Breast Colorectum Lung	Lung Colorectum Breast
<b>Prevalence*</b>			
5-year prevalent cases	156 580	145 290	301 870



## Top 5 most frequent cancers\*\*



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)
Colorectum	13 541	1	12.9	3.9	7 381	2	13.1	1.8	41 182	13.6
Breast	12 685	2	12.1	7.6	3 877	3	6.9	1.9	49 460	16.4
Lung	11 716	3	11.2	3.7	10 530	1	18.7	3.3	15 500	5.1
Prostate	10 442	4	10.0	7.3	2 854	7	5.1	1.2	39 525	13.1
Bladder	5 157	5	4.9	1.5	1 896	8	3.4	0.41	16 744	5.5
Stomach	3 823	6	3.7	1.1	3 186	6	5.7	0.84	5 371	1.8
Liver	3 682	7	3.5	1.1	3 495	4	6.2	1.0	4 422	1.5
Pancreas	3 389	8	3.2	0.96	3 209	5	5.7	0.89	3 100	1.0
Cervix uteri	3 368	9	3.2	2.3	1 793	9	3.2	1.1	11 278	3.7
Kidney	2 649	10	2.5	0.88	1 010	14	1.8	0.28	8 433	2.8
Corpus uteri	2 282	11	2.2	1.5	507	21	0.90	0.26	8 728	2.9
Melanoma	2 247	12	2.1	0.71	541	19	0.96	0.14	8 191	2.7
Brain CNS	2 119	13	2.0	0.69	1 767	10	3.1	0.56	8 179	2.7
Lip, oral cavity	2 007	14	1.9	0.68	936	15	1.7	0.31	6 246	2.1
Leukaemia	1 975	15	1.9	0.61	1 398	11	2.5	0.37	5 940	2.0
Larynx	1 804	16	1.7	0.63	1 088	13	1.9	0.36	6 259	2.1
Ovary	1 788	17	1.7	1.1	1 195	12	2.1	0.65	5 267	1.7
NHL	1 754	18	1.7	0.60	749	16	1.3	0.22	6 027	2.0
Thyroid	1 736	19	1.7	0.65	161	26	0.29	0.04	6 358	2.1
Oropharynx	1 569	20	1.5	0.58	722	17	1.3	0.26	5 000	1.7
Hypopharynx	770	21	0.74	0.28	477	22	0.85	0.17	1 758	0.58
Oesophagus	764	22	0.73	0.26	720	18	1.3	0.24	1 135	0.38
Multiple myeloma	725	23	0.69	0.24	524	20	0.93	0.15	2 232	0.74
Vulva	472	24	0.45	0.22	193	24	0.34	0.07	1 407	0.47
Nasopharynx	358	25	0.34	0.13	213	23	0.38	0.07	1 219	0.40
Testis	345	26	0.33	0.28	45	31	0.08	0.03	1 431	0.47
Hodgkin lymphoma	318	27	0.30	0.13	105	27	0.19	0.03	1 227	0.41
Gallbladder	225	28	0.22	0.06	168	25	0.30	0.04	286	0.10
Penis	183	29	0.18	0.13	55	30	0.10	0.04	614	0.20
Salivary glands	157	30	0.15	0.05	83	28	0.15	0.02	508	0.17
Vagina	68	31	0.07	0.04	31	32	0.06	0.01	185	0.06
Mesothelioma	65	32	0.06	0.02	62	29	0.11	0.02	84	0.03
<b>All cancers</b>	<b>104 661</b>	-	-	<b>28.1</b>	<b>56 216</b>	-	-	<b>14.6</b>	<b>301 870</b>	-
<b>All cancers excl. NMSC</b>	<b>100 471</b>	-	-	<b>27.4</b>	<b>55 627</b>	-	-	<b>14.5</b>	<b>287 729</b>	-

## Data source and methods

### Incidence

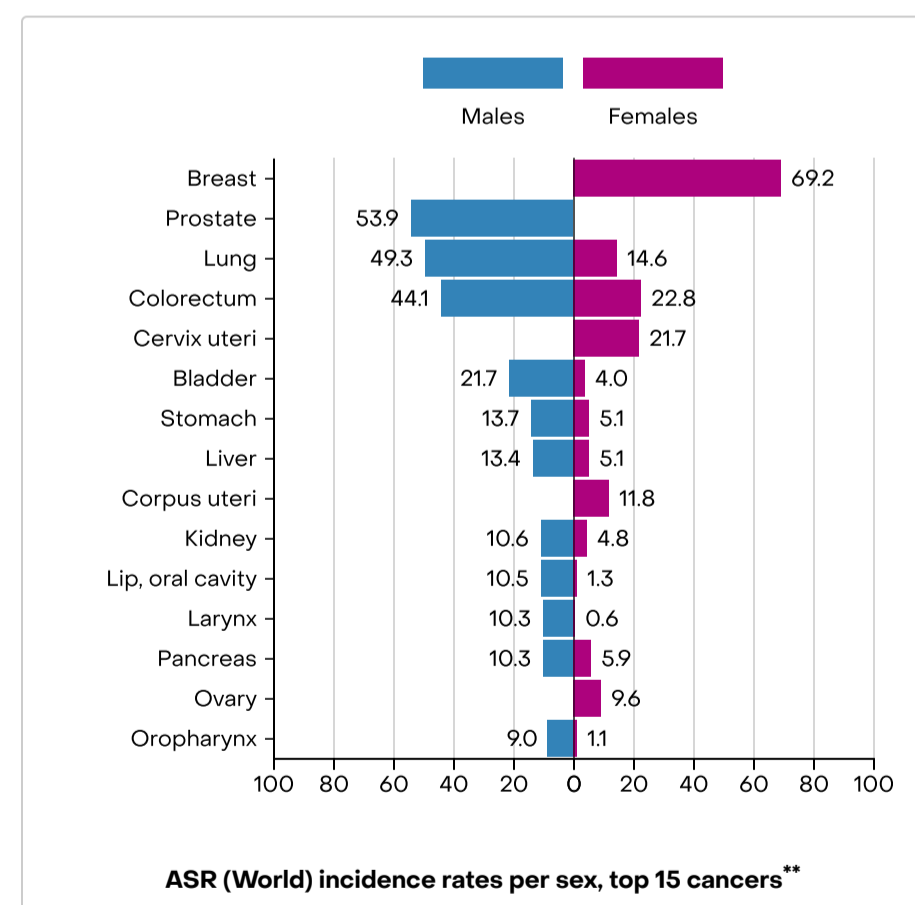
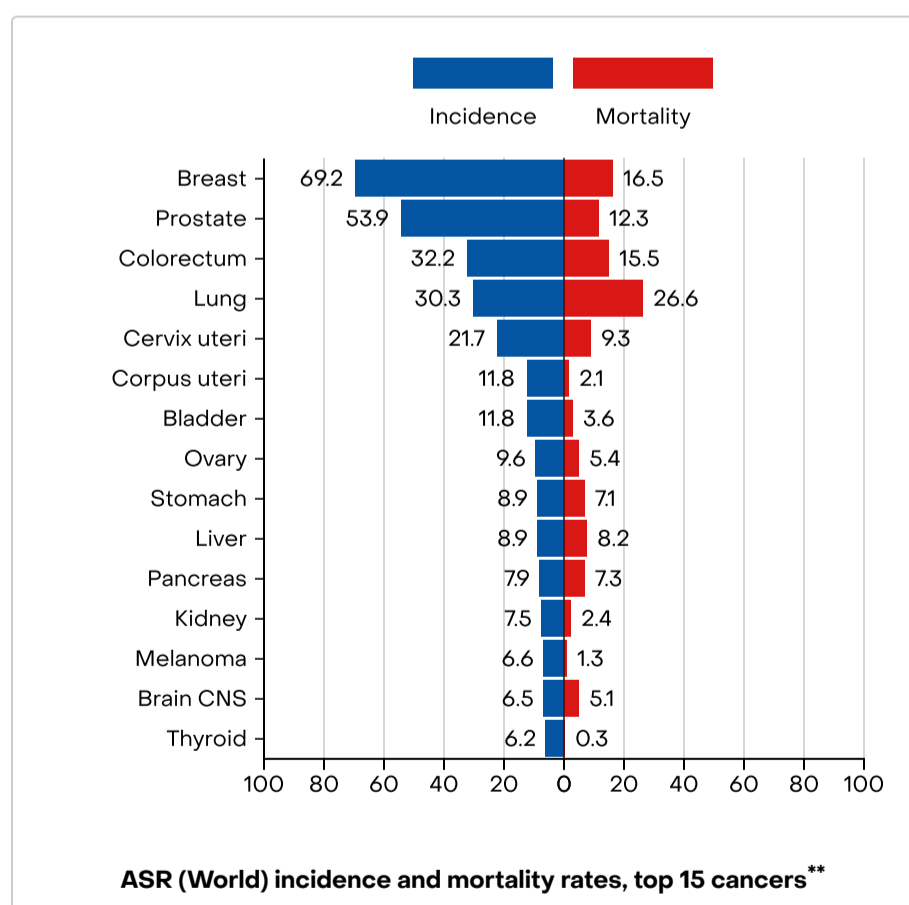
**Country-specific data source:** No data  
**Method:** Estimated from national mortality estimates by modelling, using mortality:incidence ratios derived from cancer registry data in neighbouring countries

### 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.

