

Table S1. Cancer incidence as crude rates (A) and age standardized ratios (ASR) standardized to the Hungarian population based on the 2011 census (B), ASR standardized to the 2013 European Standard Population (ESP 2013) (C), and ASR standardized to the 1976 ESP (D) of major cancer types by sex.

A)

Male	Incidence (crude rate)						Female	Incidence (crude rate)					
Site	2001-05	2006-10	2011-15	2020	2025	2030	Site	2001-05	2006-10	2011-15	2020	2025	2030
Lung and Bronchus (C33-C34)	156.7	150.5	145.0	141.7	134.8	128.5	Breast (C50)	138.4	131.2	147.8	168.5	182.9	192.0
Colorectal (C18-C21)	101.6	108.4	121.3	142.9	159.4	174.1	Colorectal (C18-C21)	82.1	83.6	92.5	106.0	116.8	126.0
Prostate (C61)	68.9	75.6	93.7	123.7	149.2	171.5	Lung and Bronchus (C33-C34)	70.5	77.0	86.5	96.0	102.6	107.1
Oral cavity and pharynx (C00-C14)	61.6	58.0	57.2	55.6	52.6	49.8	Corpus uteri (C54)	23.7	24.1	29.8	34.0	36.9	39.1
Bladder (C67)	36.9	41.1	48.1	57.7	64.8	70.8	Cervix uteri (C53)	23.4	19.7	21.5	23.3	24.1	24.4
Stomach (C16)	30.6	29.5	28.2	28.9	29.2	30.0	Ovary (C56)	22.7	22.4	26.1	28.5	30.1	31.0
Larynx (C32)	23.9	21.6	21.7	20.0	17.7	15.7	Stomach (C16)	20.8	20.3	19.9	20.4	21.0	22.1
Kidney (C64)	22.1	24.4	28.6	33.7	37.5	40.5	Pancreas (C25)	17.3	22.0	25.5	31.8	37.2	41.9
Pancreas (C25)	20.1	24.1	26.8	32.1	36.1	39.3	Oral cavity and pharynx (C00-C14)	16.3	17.0	19.6	22.3	24.4	26.2
Brain (C71)	18.0	19.4	19.8	21.2	21.8	22.2	Brain (C71)	16.1	16.4	17.2	18.1	18.9	19.5
Leukemia (C91-C95)	17.3	17.5	21.3	24.8	27.8	30.6	Melanoma of skin (C43)	16.0	19.4	23.1	27.5	30.7	32.9
Esophagus (C15)	15.2	14.3	14.2	13.6	12.6	11.9	Bladder (C67)	14.7	16.1	20.5	24.7	28.0	30.6
Melanoma of skin (C43)	14.5	18.7	23.4	30.1	35.3	39.6	Leukemia (C91-C95)	14.6	14.7	17.3	19.1	20.6	21.9
Liver (C22)	13.8	17.9	20.2	23.3	25.8	28.0	Kidney (C64)	14.5	16.1	18.7	21.8	24.5	26.4
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	13.5	15.6	18.1	21.5	24.3	26.6	Gallbladder and biliary tract (C23-C24)	12.5	12.9	12.7	13.4	14.2	15.4
Testis (C62)	10.5	11.9	12.7	13.2	13.4	13.5	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	12.7	15.1	18.8	23.0	26.4	29.1
Gallbladder and biliary tract (C23-C24)	7.9	8.9	9.8	11.8	13.4	15.1	Liver (C22)	9.2	11.4	12.2	13.8	15.1	16.4
Soft tissue (C47, C49)	7.6	12.5	15.7	20.8	25.3	29.4	Soft tissue (C47, C49)	7.0	11.6	14.7	18.9	22.9	26.5
Bones and joints (C40-C41)	7.4	8.3	7.3	7.6	7.7	7.9	Thyroid (C73)	7.2	8.0	11.1	13.6	16.0	17.9
Thyroid (C73)	2.6	2.9	3.6	4.5	5.2	5.8	Bones and joints (C40-C41)	5.8	6.4	5.8	5.9	6.1	6.2

B)

Male	Incidence, ASR (based on Hungarian male population, 2011 census)						Female	Incidence, ASR (based on Hungarian female population, 2011 census)					
Site	2001-05	2006-10	2011-15	2020	2025	2030	Site	2001-05	2006-10	2011-15	2020	2025	2030
Lung and Bronchus (C33-C34)	173.5	160.4	144.5	125.4	108.3	93.8	Breast (C50)	147.9	136.3	146.7	156.5	162.7	164.8
Colorectal (C18-C21)	113.8	115.7	120.4	124.2	125.7	125.0	Colorectal (C18-C21)	90.8	87.4	91.3	95.3	98.0	99.0
Prostate (C61)	77.9	81.0	92.7	103.8	111.4	114.8	Lung and Bronchus (C33-C34)	75.8	80.1	85.9	88.5	88.8	86.6

Oral cavity and pharynx (C00–C14)	66.0	60.9	57.3	51.4	45.0	39.3	Corpus uteri (C54)	25.7	25.1	29.6	31.5	32.9	33.6
Bladder (C67)	41.4	43.8	47.7	49.5	50.0	49.2	Cervix uteri (C53)	24.5	20.3	21.4	22.4	22.9	23.0
Stomach (C16)	34.2	31.3	28.0	25.1	22.8	21.0	Ovary (C56)	24.3	23.1	25.9	26.6	26.9	26.9
Kidney (C64)	24.4	25.9	28.4	29.9	30.7	30.7	Stomach (C16)	23.2	21.3	19.6	18.2	17.3	16.8
Pancreas (C25)	22.4	25.6	26.7	28.2	28.8	28.4	Pancreas (C25)	19.3	23.0	25.2	28.4	30.9	32.2
Larynx (C32)	25.8	22.8	21.7	18.4	15.1	12.2	Oral cavity and pharynx (C00–C14)	17.3	17.5	19.6	20.9	21.4	21.3
Brain (C71)	19.4	20.3	19.7	19.2	18.5	17.6	Brain (C71)	17.0	16.9	17.1	16.9	16.7	16.3
Leukemia (C91-C95)	19.0	18.4	21.1	21.9	22.3	22.5	Melanoma of skin (C43)	17.0	19.9	22.9	25.9	27.8	28.7
Melanoma of skin (C43)	16.0	19.7	23.2	26.9	29.4	30.5	Bladder (C67)	16.2	16.9	20.3	22.2	23.4	23.9
Liver (C22)	15.3	18.9	20.1	20.4	20.4	20.0	Leukemia (C91-C95)	15.9	15.3	17.1	17.3	17.4	17.1
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	14.7	16.4	18.0	19.4	20.3	20.6	Kidney (C64)	15.7	16.8	18.6	20.0	21.2	21.7
Esophagus (C15)	16.5	15.1	14.3	12.2	10.3	8.7	Gallbladder and biliary tract (C23-C24)	14.1	13.5	12.5	12.0	11.9	12.1
Testis (C62)	10.4	11.6	12.7	13.7	14.2	14.5	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	13.6	15.6	18.7	21.1	22.7	23.4
Gallbladder and biliary tract (C23-C24)	8.9	9.5	9.8	10.2	10.6	10.8	Liver (C22)	10.1	11.9	12.1	12.6	12.9	12.9
Soft tissue (C47, C49)	8.2	13.1	15.6	18.3	20.0	20.8	Soft tissue (C47, C49)	7.6	12.1	14.5	17.6	20.2	22.2
Bones and joints (C40-C41)	8.0	8.6	7.3	7.0	6.7	6.6	Thyroid (C73)	7.5	8.2	11.1	13.2	15.4	17.5
Thyroid (C73)	2.7	3.0	3.6	4.2	4.8	5.3	Bones and joints (C40-C41)	6.1	6.5	5.7	5.5	5.4	5.3

C)

Male	Incidence, ASR (ESP 2013)						Female	Incidence, ASR (ESP 2013)					
	2001-05	2006-10	2011-15	2020	2025	2030		2001-05	2006-10	2011-15	2020	2025	2030
Site							Site						
Lung and Bronchus (C33-C34)	204.3	190.2	173.3	154.2	137.6	122.8	Breast (C50)	141.0	130.0	139.9	149.7	156.1	158.6
Colorectal (C18–C21)	147.4	150.0	157.4	163.1	166.6	167.3	Colorectal (C18–C21)	85.8	82.8	86.5	90.2	92.9	93.9
Prostate (C61)	110.2	111.1	129.1	145.4	158.1	165.2	Lung and Bronchus (C33-C34)	72.2	75.7	80.6	83.0	83.5	81.6
Oral cavity and pharynx (C00–C14)	71.4	65.8	63.0	57.7	52.4	47.2	Corpus uteri (C54)	24.2	23.6	27.9	29.8	31.0	31.6
Bladder (C67)	54.3	57.6	63.6	66.9	68.6	68.3	Cervix uteri (C53)	23.8	19.7	20.6	21.6	22.0	22.0
Stomach (C16)	45.4	41.7	37.8	34.0	31.1	29.0	Ovary (C56)	23.1	22.1	24.7	25.4	25.7	25.7
Kidney (C64)	29.2	30.9	34.7	37.0	38.3	38.6	Stomach (C16)	22.0	20.2	18.6	17.2	16.4	15.9
Pancreas (C25)	28.2	31.9	33.8	36.2	37.7	37.8	Pancreas (C25)	18.3	21.8	23.9	26.9	29.2	30.5
Larynx (C32)	27.9	24.8	23.9	20.8	17.7	14.9	Oral cavity and pharynx (C00–C14)	16.7	16.6	18.3	19.6	20.2	20.3
Leukemia (C91-C95)	24.2	23.6	27.5	28.7	29.4	29.7	Brain (C71)	16.4	16.1	16.3	16.1	15.9	15.5
Brain (C71)	21.6	23.1	22.8	22.8	22.2	21.3	Melanoma of skin (C43)	16.3	19.1	22.0	24.9	26.8	27.7
Liver (C22)	19.2	23.5	25.3	26.0	26.7	26.9	Bladder (C67)	15.3	15.9	19.1	21.0	22.2	22.6
Melanoma of skin (C43)	18.9	23.5	28.8	33.8	36.9	38.5	Leukemia (C91-C95)	15.2	14.7	16.4	16.6	16.6	16.4
Esophagus (C15)	18.5	17.2	16.3	14.7	12.9	11.3	Kidney (C64)	15.0	15.9	17.6	19.0	20.1	20.5
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	17.3	19.5	21.9	23.8	25.0	25.6	Gallbladder and biliary tract (C23-C24)	13.4	12.8	11.8	11.4	11.2	11.4
Gallbladder and biliary tract (C23-C24)	12.1	12.6	13.2	13.7	14.1	14.6	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	13.0	14.9	17.8	20.0	21.6	22.2

Soft tissue (C47, C49)	9.8	16.2	19.8	24.1	27.0	28.7	Liver (C22)	9.6	11.3	11.5	11.9	12.1	12.2
Testis (C62)	9.6	10.7	11.8	12.7	13.4	13.7	Soft tissue (C47, C49)	7.3	11.6	14.0	16.9	19.4	21.3
Bones and joints (C40-C41)	9.2	10.0	8.6	8.2	7.8	7.6	Thyroid (C73)	7.2	7.9	10.8	12.9	15.0	16.9
Thyroid (C73)	3.0	3.3	3.9	4.5	5.1	5.6	Bones and joints (C40-C41)	5.8	6.3	5.5	5.3	5.2	5.1

D)

Male	Incidence, ASR (ESP 1976)						Female	Incidence, ASR (ESP 1976)					
	Site	2001-05	2006-10	2011-15	2020	2025		2030	Site	2001-05	2006-10	2011-15	2020
Lung and Bronchus (C33-C34)	148.7	136.5	121.6	105.0	90.5	78.3	Breast (C50)	111.7	101.6	107.4	114.4	119.1	121.9
Colorectal (C18-C21)	95.7	97.2	101.2	104.1	105.3	104.8	Colorectal (C18-C21)	56.3	54.5	56.5	59.0	60.4	61.0
Prostate (C61)	64.5	66.9	76.7	85.7	91.7	94.4	Lung and Bronchus (C33-C34)	54.5	57.1	59.6	59.6	57.6	54.0
Oral cavity and pharynx (C00-C14)	59.0	53.6	49.8	44.1	38.6	33.9	Corpus uteri (C54)	18.0	17.5	20.7	22.0	22.9	23.3
Bladder (C67)	34.8	36.8	39.9	41.5	41.9	41.2	Cervix uteri (C53)	21.0	17.3	17.9	18.6	18.7	18.5
Stomach (C16)	28.9	26.4	23.6	21.0	19.1	17.6	Ovary (C56)	17.9	17.1	19.0	19.5	19.6	19.6
Kidney (C64)	21.1	22.3	24.4	26.4	27.4	27.7	Stomach (C16)	13.8	12.8	11.7	10.8	10.2	9.7
Pancreas (C25)	19.1	21.7	22.5	23.8	24.2	23.8	Pancreas (C25)	11.7	14.1	15.4	17.2	18.4	19.0
Larynx (C32)	22.8	19.9	18.7	15.6	12.7	10.3	Oral cavity and pharynx (C00-C14)	13.4	13.2	14.1	14.6	14.5	14.0
Brain (C71)	17.3	18.0	17.3	16.9	16.2	15.4	Brain (C71)	13.3	13.0	12.7	12.3	11.9	11.4
Leukemia (C91-C95)	16.7	16.3	18.5	19.2	19.5	19.6	Melanoma of skin (C43)	13.3	15.7	17.5	19.7	21.1	21.8
Melanoma of skin (C43)	13.8	17.0	20.0	23.3	25.3	26.4	Bladder (C67)	10.5	11.0	13.0	14.0	14.5	14.4
Liver (C22)	13.0	16.2	17.0	17.1	17.1	16.7	Leukemia (C91-C95)	11.0	10.4	11.6	11.5	11.4	11.1
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	12.8	14.4	15.7	17.0	17.7	18.1	Kidney (C64)	10.9	11.6	12.7	13.6	14.2	14.4
Esophagus (C15)	14.5	13.0	12.1	10.3	8.7	7.3	Gallbladder and biliary tract (C23-C24)	8.1	8.0	7.3	7.2	7.2	7.3
Testis (C62)	9.7	10.9	11.7	12.6	13.2	13.5	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	9.8	11.2	12.9	14.3	15.0	15.1
Gallbladder and biliary tract (C23-C24)	7.5	8.0	8.2	8.6	8.9	9.1	Liver (C22)	6.5	7.8	7.9	8.1	8.1	8.0
Soft tissue (C47, C49)	7.4	11.7	13.7	16.1	17.5	18.3	Soft tissue (C47, C49)	5.7	9.2	10.8	12.9	14.7	16.0
Bones and joints (C40-C41)	7.1	7.7	6.6	6.3	6.1	6.0	Thyroid (C73)	6.3	7.0	9.7	11.6	13.5	15.1
Thyroid (C73)	2.4	2.6	3.3	3.8	4.4	4.8	Bones and joints (C40-C41)	4.8	5.2	4.3	4.1	4.0	3.9

Table S2. Cancer mortality as crude rates (A) and ASR: standardized to the Hungarian population based on the 2011 census (B); standardized to the 2013 ESP (C); and standardized to the 1976 ESP (D) of major cancer types by sex.

A)

Male	Mortality - crude rate							Female	Mortality - crude rate						
Site	1996-2000	2001-05	2006-10	2011-15	2020	2025	2030	Site	1996-2000	2001-05	2006-10	2011-15	2020	2025	2030
Lung and Bronchus (C33-C34)	118.9	118.0	117.4	116.8	118.5	117.0	115.6	Colorectal (C18-C21)	42.7	41.7	41.5	42.8	46.3	49.9	54.2
Colorectal (C18-C21)	51.6	54.6	55.4	60.1	69.6	78.1	87.4	Breast (C50)	43.5	42.1	39.4	41.3	44.5	47.3	50.4
Prostate (C61)	28.7	26.2	24.9	25.7	30.6	35.9	43.0	Lung and Bronchus (C33-C34)	37.6	42.9	50.4	61.4	72.5	81.1	87.4
Stomach (C16)	27.4	24.1	21.2	19.7	19.7	20.1	21.2	Stomach (C16)	18.3	15.6	14.1	13.5	13.6	14.1	15.2
Oral cavity and pharynx (C00-C14)	27.5	29.2	27.1	25.0	22.3	19.5	17.3	Pancreas (C25)	14.3	15.4	17.4	19.5	22.4	25.0	27.7
Pancreas (C25)	16.4	17.0	18.1	20.1	23.1	25.6	27.8	Gallbladder and biliary tract (C23-C24)	12.3	10.6	8.4	7.8	7.7	7.7	8.2
Bladder (C67)	12.1	12.4	12.3	13.9	16.7	19.2	22.1	Ovary (C56)	11.4	12.0	12.6	13.8	15.2	16.4	17.4
Esophagus (C15)	12.4	11.5	10.8	9.9	9.0	8.1	7.4	Cervix uteri (C53)	9.5	9.1	7.7	8.2	8.9	9.5	10.1
Liver (C22)	11.5	12.0	9.9	11.9	13.0	14.0	14.8	Leukemia (C91-C95)	8.2	9.0	8.3	8.6	9.3	9.9	10.5
Larynx (C32)	11.5	10.7	10.4	9.7	9.1	8.2	7.5	Liver (C22)	7.3	6.4	4.9	5.5	6.2	7.1	8.1
Leukemia (C91-C95)	10.6	10.5	9.8	10.1	11.1	12.0	13.1	Corpus uteri (C54)	7.0	6.1	4.4	5.6	5.5	5.4	5.6
Kidney (C64)	9.3	8.8	9.0	9.6	10.8	11.8	12.8	Brain (C71)	6.6	6.3	5.4	5.9	6.5	7.0	7.4
Brain (C71)	7.7	7.2	6.1	6.7	7.4	7.9	8.4	Kidney (C64)	5.8	5.4	4.9	5.8	6.9	7.9	8.9
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	6.3	6.3	6.1	6.4	7.2	7.8	8.6	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	5.4	5.0	5.1	5.4	5.6	5.8	6.4
Gallbladder and biliary tract (C23-C24)	5.5	5.2	4.6	4.7	5.2	5.8	6.7	Oral cavity and pharynx (C00-C14)	4.5	5.4	5.3	5.7	6.1	6.5	6.8
Melanoma of skin (C43)	3.2	3.7	4.0	4.3	5.0	5.4	5.8	Bladder (C67)	4.0	4.2	4.7	5.4	6.2	7.1	8.2
Multiple myeloma (C90)	2.7	2.7	2.4	2.6	2.9	3.1	3.3	Multiple myeloma (C90)	3.0	3.1	2.6	2.8	3.3	3.6	3.9
Bones and joints (C40-C41)	1.7	1.2	0.5	0.5	0.4	0.3	0.3	Melanoma of skin (C43)	2.6	3.0	2.7	3.1	3.3	3.6	3.9
Hodgkin lymphoma (C81)	1.1	0.7	0.4	0.5	0.6	0.6	0.7	Bones and joints (C40-C41)	1.1	0.8	0.5	0.3	0.3	0.2	0.2

B)

Male	Mortality, ASR (based on Hungarian male population, 2011 census)							Female	Mortality, ASR (based on Hungarian female population, 2011 census)						
Site	1996-2000	2001-05	2006-10	2011-15	2020	2025	2030	Site	1996-2000	2001-05	2006-10	2011-15	2020	2025	2030
Lung and Bronchus (C33-C34)	138.9	131.2	125.2	116.4	104.9	94.1	84.7	Colorectal (C18-C21)	52.7	47.6	43.7	42.1	41.0	40.7	40.9
Colorectal (C18-C21)	61.9	61.6	58.9	59.6	59.6	59.9	60.2	Breast (C50)	51.2	46.7	41.2	40.8	40.1	39.6	39.4
Prostate (C61)	35.9	30.2	26.3	25.3	25.1	25.6	26.5	Lung and Bronchus (C33-C34)	43.3	46.7	52.5	61.0	66.6	69.6	69.6

Stomach (C16)	32.7	27.1	22.5	19.6	17.1	15.7	15.0	Stomach (C16)	22.6	17.8	14.9	13.3	12.0	11.5	11.5
Oral cavity and pharynx (C00–C14)	30.7	31.1	28.4	25.2	20.9	16.9	13.6	Pancreas (C25)	17.2	17.3	18.3	19.2	19.9	20.5	20.8
Pancreas (C25)	19.4	18.9	19.3	20.0	20.2	20.2	19.9	Gallbladder and biliary tract (C23-C24)	15.0	12.1	8.8	7.7	6.8	6.3	6.3
Bladder (C67)	14.7	14.1	13.1	13.7	14.0	14.2	14.3	Ovary (C56)	13.3	13.2	13.1	13.7	13.8	14.0	14.0
Esophagus (C15)	14.2	12.5	11.4	9.9	8.2	6.7	5.6	Cervix uteri (C53)	10.6	9.7	8.0	8.2	8.4	8.6	8.8
Liver (C22)	13.6	13.4	10.5	11.8	11.5	11.2	10.7	Leukemia (C91-C95)	9.7	10.1	8.6	8.5	8.3	8.2	8.0
Larynx (C32)	13.1	11.7	11.0	9.7	8.3	6.9	5.7	Liver (C22)	8.7	7.2	5.2	5.4	5.6	5.9	6.2
Leukemia (C91-C95)	12.4	11.7	10.3	10.0	9.7	9.5	9.3	Corpus uteri (C54)	8.4	6.9	4.7	5.5	4.9	4.5	4.3
Kidney (C64)	11.0	9.8	9.6	9.5	9.4	9.4	9.3	Brain (C71)	7.5	6.8	5.7	5.8	6.0	6.2	6.3
Brain (C71)	8.7	7.7	6.5	6.7	6.8	6.9	6.9	Kidney (C64)	6.9	6.1	5.2	5.7	6.1	6.5	6.8
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	7.3	7.0	6.4	6.4	6.2	6.1	6.1	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	6.3	5.6	5.3	5.4	4.9	4.8	4.9
Gallbladder and biliary tract (C23-C24)	6.6	5.9	4.8	4.7	4.5	4.5	4.7	Oral cavity and pharynx (C00–C14)	5.0	5.8	5.5	5.7	5.7	5.5	5.4
Melanoma of skin (C43)	3.7	4.1	4.2	4.3	4.4	4.3	4.2	Bladder (C67)	5.0	4.9	4.9	5.3	5.5	5.7	6.0
Multiple myeloma (C90)	3.2	3.1	2.6	2.6	2.5	2.4	2.4	Multiple myeloma (C90)	3.5	3.4	2.7	2.8	2.9	3.0	3.1
Bones and joints (C40-C41)	1.9	1.3	0.6	0.5	0.3	0.3	0.3	Melanoma of skin (C43)	3.1	3.3	2.8	3.1	3.0	3.0	3.0
Hodgkin lymphoma (C81)	1.2	0.8	0.4	0.5	0.5	0.6	0.6	Bones and joints (C40-C41)	1.3	0.9	0.5	0.3	0.2	0.2	0.2

C)

Male	Mortality, ASR (ESP 2013)							Female	Mortality, ASR (ESP 2013)						
	Site	1996-2000	2001-05	2006-10	2011-15	2020	2025		2030	Site	1996-2000	2001-05	2006-10	2011-15	2020
Lung and Bronchus (C33-C34)	168.7	159.3	151.5	142.1	129.9	119.8	110.4	Colorectal (C18–C21)	50.2	45.3	41.5	40.1	39.0	38.7	38.8
Colorectal (C18–C21)	87.4	85.9	81.6	83.1	82.8	83.6	84.5	Breast (C50)	49.0	44.5	39.2	38.9	38.2	37.9	37.7
Prostate (C61)	60.4	49.8	43.2	41.5	40.4	40.8	42.5	Lung and Bronchus (C33-C34)	41.2	44.4	49.6	57.1	62.2	65.3	65.6
Stomach (C16)	45.5	37.6	30.9	27.3	23.3	21.4	20.4	Stomach (C16)	21.7	17.0	14.1	12.7	11.5	11.0	10.9
Oral cavity and pharynx (C00–C14)	33.6	33.4	30.4	27.1	23.0	19.4	16.5	Pancreas (C25)	16.4	16.5	17.3	18.2	18.9	19.4	19.7
Pancreas (C25)	25.4	24.5	24.4	26.0	26.2	26.7	26.7	Gallbladder and biliary tract (C23-C24)	14.2	11.5	8.3	7.3	6.4	6.0	5.9
Bladder (C67)	22.2	20.8	19.3	20.5	20.9	21.2	21.6	Ovary (C56)	12.6	12.5	12.4	13.0	13.1	13.3	13.3
Liver (C22)	18.1	17.1	13.3	15.0	14.4	14.4	14.2	Cervix uteri (C53)	10.2	9.4	7.7	7.9	8.0	8.2	8.4
Leukemia (C91-C95)	16.9	16.2	14.0	13.8	13.3	13.0	12.7	Leukemia (C91-C95)	9.3	9.6	8.2	8.1	7.9	7.8	7.7
Esophagus (C15)	15.7	14.0	12.8	11.3	9.6	8.2	7.0	Liver (C22)	8.3	6.9	4.9	5.1	5.3	5.6	5.8
Larynx (C32)	14.9	13.2	12.3	11.1	9.6	8.3	7.2	Corpus uteri (C54)	8.0	6.5	4.4	5.2	4.6	4.3	4.1
Kidney (C64)	14.6	12.8	12.5	12.6	12.4	12.4	12.3	Brain (C71)	7.1	6.5	5.4	5.6	5.7	5.8	5.9
Brain (C71)	10.0	8.9	7.5	7.9	7.9	8.0	8.0	Kidney (C64)	6.6	5.8	4.9	5.4	5.8	6.2	6.4
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	9.6	9.1	8.6	8.5	8.4	8.3	8.3	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	6.0	5.3	5.1	5.1	4.7	4.5	4.6
Gallbladder and biliary tract (C23-C24)	9.6	8.5	6.9	6.5	6.3	6.2	6.4	Oral cavity and pharynx (C00–C14)	4.9	5.6	5.2	5.3	5.3	5.3	5.1

Melanoma of skin (C43)	4.6	5.2	5.4	5.6	5.8	5.8	5.7	Bladder (C67)	4.8	4.6	4.7	5.0	5.2	5.4	5.7
Multiple myeloma (C90)	4.3	4.1	3.4	3.5	3.3	3.2	3.2	Multiple myeloma (C90)	3.3	3.2	2.6	2.6	2.8	2.9	2.9
Bones and joints (C40-C41)	2.3	1.6	0.7	0.6	0.4	0.3	0.3	Melanoma of skin (C43)	3.0	3.1	2.7	2.9	2.9	2.9	2.9
Hodgkin lymphoma (C81)	1.4	0.9	0.5	0.5	0.6	0.6	0.7	Bones and joints (C40-C41)	1.3	0.8	0.5	0.3	0.2	0.2	0.2

D)

Male	Mortality, ASR (ESP 1976)							Female	Mortality, ASR (ESP 1976)						
	1996-2000	2001-05	2006-10	2011-15	2020	2025	2030		1996-2000	2001-05	2006-10	2011-15	2020	2025	2030
Site								Site							
Lung and Bronchus (C33-C34)	118.7	111.6	105.9	97.6	87.5	78.6	70.7	Colorectal (C18-C21)	29.2	26.6	24.8	23.9	23.5	23.5	23.7
Colorectal (C18-C21)	52.1	51.6	49.5	49.9	49.9	50.1	50.2	Breast (C50)	33.4	30.4	26.7	26.0	25.5	25.1	25.1
Prostate (C61)	30.1	25.2	22.0	21.2	20.9	21.2	22.0	Lung and Bronchus (C33-C34)	29.1	31.8	36.3	40.8	43.4	43.7	42.0
Stomach (C16)	27.6	22.8	19.0	16.5	14.4	13.2	12.7	Stomach (C16)	12.5	10.0	8.5	7.7	7.0	6.7	6.7
Oral cavity and pharynx (C00-C14)	27.6	28.0	25.2	21.9	17.8	14.3	11.6	Pancreas (C25)	10.0	10.0	10.7	11.2	11.5	11.7	11.7
Pancreas (C25)	16.5	16.1	16.3	16.8	16.9	17.0	16.7	Gallbladder and biliary tract (C23-C24)	8.3	6.6	4.8	4.2	3.8	3.6	3.7
Bladder (C67)	12.4	11.9	11.0	11.5	11.7	11.9	12.0	Ovary (C56)	8.7	8.6	8.5	9.0	9.0	9.0	9.0
Esophagus (C15)	12.4	11.0	9.9	8.4	6.9	5.7	4.7	Cervix uteri (C53)	7.9	7.5	6.2	6.2	6.3	6.4	6.4
Liver (C22)	3.2	3.5	3.6	3.7	3.7	3.7	3.5	Leukemia (C91-C95)	6.1	6.2	5.3	5.2	5.1	5.0	4.8
Larynx (C32)	11.5	10.2	9.5	8.3	7.0	5.8	4.8	Liver (C22)	5.1	4.2	3.0	3.2	3.3	3.5	3.5
Leukemia (C91-C95)	10.7	10.0	8.9	8.6	8.3	8.1	7.9	Corpus uteri (C54)	5.0	4.0	2.8	3.3	2.9	2.7	2.5
Kidney (C64)	9.3	8.4	8.1	8.1	8.0	7.9	7.8	Brain (C71)	5.4	4.9	4.0	4.1	4.2	4.3	4.4
Brain (C71)	7.7	6.9	5.7	5.8	5.9	6.0	6.1	Kidney (C64)	4.1	3.5	3.0	3.3	3.6	3.8	4.0
Non-Hodgkin Lymphoma (C82-C85, C88, C96)	6.3	6.0	5.5	5.4	5.3	5.2	5.2	Non-Hodgkin Lymphoma (C82-C85, C88, C96)	3.9	3.4	3.2	3.2	2.9	2.8	2.8
Gallbladder and biliary tract (C23-C24)	5.5	4.9	4.0	3.9	3.8	3.8	3.9	Oral cavity and pharynx (C00-C14)	3.8	4.5	4.1	4.0	3.9	3.6	3.4
Melanoma of skin (C43)	3.2	3.5	3.6	3.7	3.7	3.7	3.6	Bladder (C67)	2.7	2.6	2.8	3.0	3.1	3.2	3.2
Multiple myeloma (C90)	2.7	2.6	2.2	2.1	2.1	2.0	2.0	Multiple myeloma (C90)	2.1	2.0	1.6	1.7	1.7	1.8	1.9
Bones and joints (C40-C41)	1.7	1.2	0.5	0.4	0.3	0.3	0.3	Melanoma of skin (C43)	2.0	2.2	1.8	1.9	1.9	1.9	1.9
Hodgkin lymphoma (C81)	1.1	0.7	0.4	0.4	0.5	0.5	0.6	Bones and joints (C40-C41)	0.9	0.6	0.3	0.2	0.2	0.2	0.2

Table S3. Percent probability of developing selected types of cancer in specified age bins by sex, comparing Hungary and USA (USA data are adapted from Siegel et al, 2015). Probabilities higher in the Hungarian population by at least 0.3 are marked in red compared to the US values.

		age		50-59	50-59	60-69	60-69	70+	70+	0-99	0-99
		HUN	US	HUN	US	HUN	US	HUN	US	HUN	US
All sites	male	10.8	6.5	23.3	14.5	55.7	34.6	56.9	42.1		
	female	9.5	6	16.5	10	37.8	26.1	51.9	37.6		
CRC	male	1.3	0.7	3.2	1.2	7.7	3.7	8.8	4.7		
	female	0.8	0.5	1.8	0.9	5.2	3.4	6.9	4.4		
Lung	male	2.2	0.7	4.4	2	6.5	6.4	9.9	7.2		
	female	1.3	0.6	2.2	1.5	3.1	4.8	6.1	6		
Pancreas	male	0.4		0.7		1.5		1.9			
	female	0.2		0.5		1.5		1.9			
Stomach	male	0.3		0.7		1.9		2.1			
	female	0.1		0.3		1.2		1.5			
Breast	female	2.2	2.3	3.2	3.5	5.2	6.7	10.7	12.3		
Prostate	male	0.6	2.1	2.6	5.8	7.4	10	6.9	14		