Ticino

Statistics of Cancer Mortality

1996 - 2019

Coordinates www.ti.ch/tumori

Locarno – March 2022

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Registro cantonale dei tumori
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Repubblica e Cantone Ticino

Introduction

Principle

The present document shows the tables and figures of number of deaths and of mortality rates, based on the data collected by the Swiss Federal Statistical Office (www.bfs.admin.ch).

Presentation

This report presents the mortality figures for 29 types of cancer from 1996 to 2019 in canton Ticino. This presentation permits generalised graphing of the results, especially useful when trends are considered. In such a way, each page contains a synthetic view of a cancer site or group.

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ICD-10 Codes

Code	*Tumour site*
C00	Malignant neoplasms of lip
C01	Malignant neoplasms of base of tongue
C02	Malignant neoplasm of other and unspecified parts of tongue
C03	Malignant neoplasms of gum
C04	Malignant neoplasms of floor of mouth
C05	Malignant neoplasms of palate
C06	Malignant neoplasms of other and unspecified parts of mouth
C07	Malignant neoplasms of parotid gland
C08	Malignant neoplasms of other and unspecified major salivary glands
C09	Malignant neoplasms of tonsil
C10	Malignant neoplasms of oropharynx
C11	Malignant neoplasms of nasopharynx
C12	Malignant neoplasms of piriform sinus
C13	Malignant neoplasms of hypopharynx
C14	Malignant neoplasms of other and ill-defined sites in the lip, oral cavity and pharynx
C15	Malignant neoplasms of oesophagus
C16	Malignant neoplasms of stomach
C17	Malignant neoplasms of small intestine
C18	Malignant neoplasms of colon
C19	Malignant neoplasms of rectosigmoid junction
C20	Malignant neoplasms of rectum
C21	Malignant neoplasms of anus and anal canal
C22	Malignant neoplasms of liver and intrahepatic bile ducts
C23	Malignant neoplasms of gallbladder
C24	Malignant neoplasms of other and unspecified parts of biliary tract
C25	Malignant neoplasms of pancreas
C26	Malignant neoplasms of other and ill-defined digestive organs
C30	Malignant neoplasms of nasal cavity and middle ear
C31	Malignant neoplasms of accessory sinuses
C32	Malignant neoplasms of larynx
C33	Malignant neoplasms of trachea
C34	Malignant neoplasms of bronchus and lung
C37	Malignant neoplasms of thymus
C38 (except C38.4)	Malignant neoplasms of hearth and medistinum
C38.4, C45.0	Malignant neoplasms of pleura
C39	Malignant neoplasms of other and ill-defined sites in the respiratory system and intrathoracic organs
C40	Malignant neoplasms of bone and articular cartilage of limbs
C41	Malignant neoplasms of bone and articular cartilage of other and unspecified sites
C43	Malignant melanoma of skin
C44	Other malignant neoplasms of skin
C45 (except C45.0)	Mesothelioma (excluding the pleura)
C46	Kaposi sarcoma
C47	Malignant neoplasms of peripheral nerves and autonomic nervous system
C48	Malignant neoplasms of retroperitoneum and peritoneum
C49	Malignant neoplasms of other connective and soft tissue
C50	Malignant neoplasms of breast
C51	Malignant neoplasms of vulva
C52	Malignant neoplasms of vagina
C53	Malignant neoplasms of cervix uteri
C54	Malignant neoplasms of corpus uteri
C55	Malignant neoplasms of uterus, part unspecified
C56	Malignant neoplasms of ovary
C57	Malignant neoplasms of other and unspecfied female genitale organs
C58	Malignant neoplasms of placenta
C60	Malignant neoplasms of penis
C61	Malignant neoplasms of prostate
C62	Malignant neoplasms of testis
C63	Malignant neoplasms of other and unspecified male genital organs

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Code	*Tumour site*
C67	Bladder
C64	Malignant neoplasms of kidney, except renal pelvis
C65	Malignant neoplasms of renal pelvis
C66	Malignant neoplasms of ureter
C67	Malignant neoplasms of bladder
C68	Malignant neoplasms of other and unspecified urinary organs
C69	Malignant neoplasms of eye and anexa
C70	Malignant neoplasms of meninges
C71	Malignant neoplasms of brain
C72	Malignant neoplasms of spinal cord, cranial nerves and other parts of central nervous system
C73	Malignant neoplasms of thyroid
C74	Malignant neoplasms of adrenal gland
C75	Malignant neoplasms of other endocrine glands and related structures
C76	Malignant neoplasms of other and ill-defined sites
C77	Secondary and unspecified malignant neoplasm of lymph nodes
C78	Secondary malignant neoplasm of respiratory and digestive organs
C79	Secondary malignant neoplasms of other and unspecified sites
C80	Malignant neoplasm, without specification of site
C81	Hodgkin lymphoma
C82	Follicular lymphoma
C83	Non-follicular lymphoma
C84	Mature T/NK-cell lymphoma
C85	Other and unspecified types of non-Hodgkin lymphoma
C86	Other specified types of T/NK-cell lymphoma
C88	Malignant immunoproliferative disease
C90	Multiple myeloma and malignant plasma cell neoplasms
C91	Lymphoid leukaemia
C92	Myeloid leukaemia
C93	Monocytic leukaemia
C94	Other leukaemias of specified cell type
C95	Leukaemia of unspecified cell type
C96	Other and unspecified malignant neoplasm of lymphoid, haemathopoietic and related tissue
C97	Malignant neoplasms fo independent (primary) multiple sites
D45	Polycythaemia vera
D46	Myelodisplastic syndromes
D47	Other neoplasms of uncertain or unknown behaviour of lymphoid, haematopoietic and related tissue

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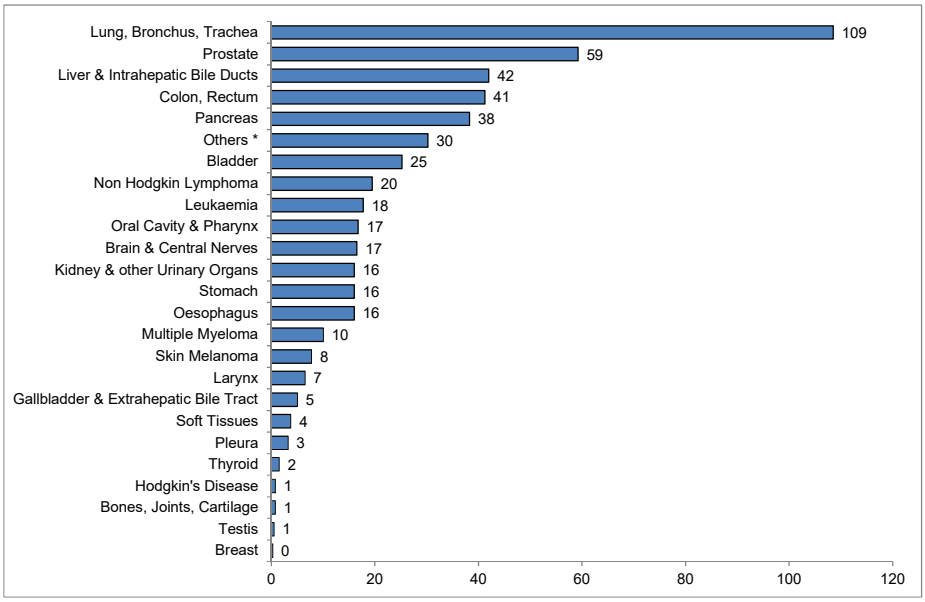
Number of deaths for men

	Male	Deaths by period						Yearly average				
ICD10	Site	1996-2000	2001-2005	2006-2010	2011-2015	2016-2019	Total	1996-2000	2001-2005	2006-2010	2011-2015	2016-2019
C00-14	Oral Cavity & Pharynx	69	79	86	93	67	394	14	16	17	19	17
C15	Oesophagus	68	60	73	73	64	338	14	12	15	15	16
C16	Stomach	141	95	94	111	64	505	28	19	19	22	16
C18-21	Colon, Rectum	203	178	220	235	165	1'001	41	36	44	47	41
C22	Liver & Intrahepatic Bile Ducts	154	179	173	194	168	868	31	36	35	39	42
C23-24	Gallbladder & Extrahepatic Bile Tract	26	16	23	26	20	111	5	3	5	5	5
C25	Pancreas	110	135	145	141	153	684	22	27	29	28	38
C32	Larynx	32	36	43	21	26	158	6	7	9	4	7
C33-34	Lung, Bronchus, Trachea	520	492	549	596	434	2'591	104	98	110	119	109
C38.4, C45.0	Pleura	13	8	10	13	13	57	3	2	2	3	3
C40-41	Bones, Joints, Cartilage	5	0	3	5	3	16	1	0	1	1	1
C47, C49	Soft Tissues	14	12	6	12	15	59	3	2	1	2	4
C43	Skin Melanoma	42	33	38	65	31	209	8	7	8	13	8
C50	Breast	3	2	1	0	1	7	1	0	0	0	0
C53	Cervix Uteri	-	-	-	-	-	-	-	-	-	-	-
C54-55	Corpus Uteri & NOS	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	-	-	-	-	-	-	-	-	-
C61	Prostate	215	262	261	293	237	1'268	43	52	52	59	59
C62	Testis	2	1	3	2	2	10	0	0	1	0	1
C67	Bladder	92	98	91	125	101	507	18	20	18	25	25
C64-66, C68	Kidney & other Urinary Organs	46	62	66	100	64	338	9	12	13	20	16
C70-72	Brain & Central Nerves	51	52	50	76	66	295	10	10	10	15	17
C73	Thyroid	3	7	3	9	6	28	1	1	1	2	2
C81	Hodgkin's Disease	7	7	6	2	3	25	1	1	1	0	1
C82-88	Non Hodgkin Lymphoma	81	86	81	60	78	386	16	17	16	12	20
C90	Multiple Myeloma	28	34	42	41	40	185	6	7	8	8	10
C91-95	Leukaemia	56	52	66	70	71	315	11	10	13	14	18
. . .	Others *	202	182	162	120	121	787	40	36	32	24	30
C00-43, C45-97	All Cancers except not melanotic Skin	2'183	2'168	2'295	2'483	2'013	11'142	437	434	459	497	503

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Yearly average number of deaths for men in Ticino, 2016-2019



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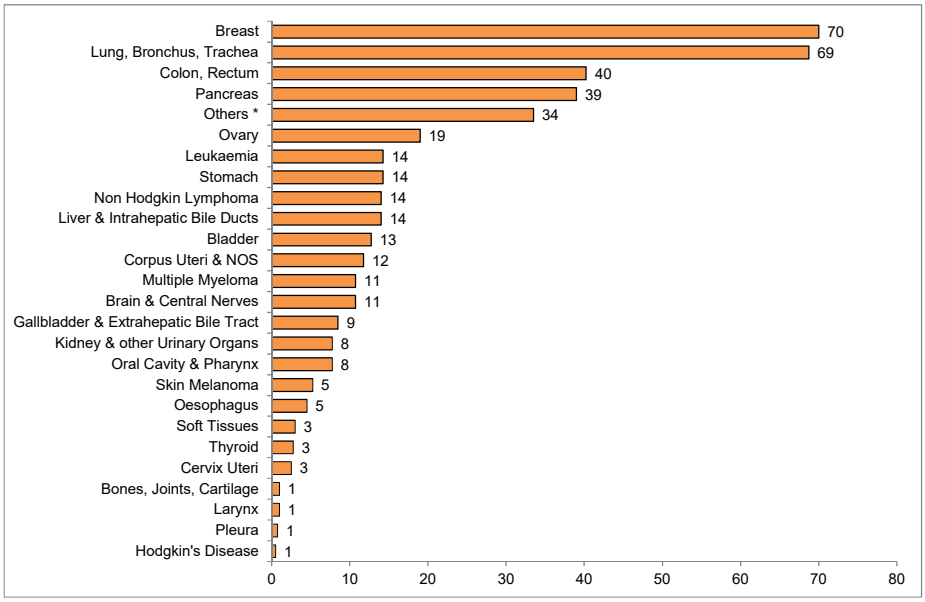
Number of deaths for women

	Women	Deaths by period						Yearly average				
ICD10	Site	1996-2000	2001-2005	2006-2010	2011-2015	2016-2019	Total	1996-2000	2001-2005	2006-2010	2011-2015	2016-2019
C00-14	Oral Cavity & Pharynx	32	24	29	34	31	150	6	5	6	7	8
C15	Oesophagus	20	20	13	22	18	93	4	4	3	4	5
C16	Stomach	95	98	74	76	57	400	19	20	15	15	14
C18-21	Colon, Rectum	189	177	202	207	161	936	38	35	40	41	40
C22	Liver & Intrahepatic Bile Ducts	58	53	72	70	56	309	12	11	14	14	14
C23-24	Gallbladder & Extrahepatic Bile Tract	30	27	42	36	34	169	6	5	8	7	9
C25	Pancreas	136	166	159	163	156	780	27	33	32	33	39
C32	Larynx	3	6	4	7	4	24	1	1	1	1	1
C33-34	Lung, Bronchus, Trachea	177	222	276	317	275	1'267	35	44	55	63	69
C38.4, C45.0	Pleura	7	3	1	4	3	18	1	1	0	1	1
C40-41	Bones, Joints, Cartilage	4	2	3	4	4	17	1	0	1	1	1
C47, C49	Soft Tissues	12	14	6	14	12	58	2	3	1	3	3
C43	Skin Melanoma	15	22	23	25	21	106	3	4	5	5	5
C50	Breast	346	324	327	354	280	1'631	69	65	65	71	70
C53	Cervix Uteri	16	22	21	18	10	87	3	4	4	4	3
C54-55	Corpus Uteri & NOS	45	56	53	53	47	254	9	11	11	11	12
C56	Ovary	97	107	106	100	76	486	19	21	21	20	19
C61	Prostate	-	-	-	-	-	-	-	-	-	-	-
C62	Testis	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	39	34	37	49	51	210	8	7	7	10	13
C64-66, C68	Kidney & other Urinary Organs	29	36	41	51	31	188	6	7	8	10	8
C70-72	Brain & Central Nerves	59	53	55	45	43	255	12	11	11	9	11
C73	Thyroid	8	14	4	8	11	45	2	3	1	2	3
C81	Hodgkin's Disease	4	4	3	3	2	16	1	1	1	1	1
C82-88	Non Hodgkin Lymphoma	81	57	90	80	56	364	16	11	18	16	14
C90	Multiple Myeloma	40	49	41	37	43	210	8	10	8	7	11
C91-95	Leukaemia	53	59	54	54	57	277	11	12	11	11	14
. . .	Others *	208	196	183	154	134	875	42	39	37	31	34
C00-43, C45-97	All Cancers except not melanotic Skin	1'803	1'845	1'919	1'985	1'673	9'225	361	369	384	397	418

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Yearly average number of deaths for women in Ticino, 2016-2019



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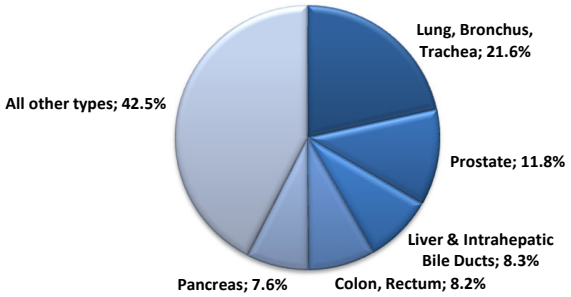
Percentage distribution by site

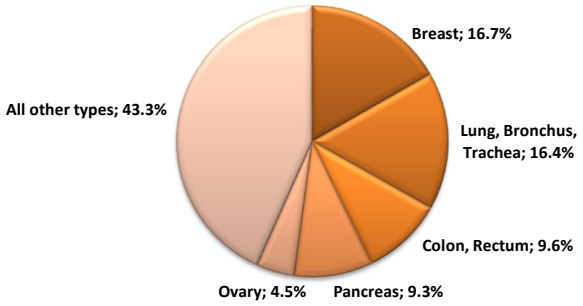
		Men					Women				
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*
C00-14	Oral Cavity & Pharynx	3.2%	3.6%	3.7%	3.7%	3.3%	1.8%	1.3%	1.5%	1.7%	1.9%
C15	Oesophagus	3.1%	2.8%	3.2%	2.9%	3.2%	1.1%	1.1%	0.7%	1.1%	1.1%
C16	Stomach	6.5%	4.4%	4.1%	4.5%	3.2%	5.3%	5.3%	3.9%	3.8%	3.4%
C18-21	Colon, Rectum	9.3%	8.2%	9.6%	9.5%	8.2%	10.5%	9.6%	10.5%	10.4%	9.6%
C22	Liver & Intrahepatic Bile Ducts	7.1%	8.3%	7.5%	7.8%	8.3%	3.2%	2.9%	3.8%	3.5%	3.3%
C23-24	Gallbladder & Extrahepatic Bile Tract	1.2%	0.7%	1.0%	1.0%	1.0%	1.7%	1.5%	2.2%	1.8%	2.0%
C25	Pancreas	5.0%	6.2%	6.3%	5.7%	7.6%	7.5%	9.0%	8.3%	8.2%	9.3%
C32	Larynx	1.5%	1.7%	1.9%	0.8%	1.3%	0.2%	0.3%	0.2%	0.4%	0.2%
C33-34	Lung, Bronchus, Trachea	23.8%	22.7%	23.9%	24.0%	21.6%	9.8%	12.0%	14.4%	16.0%	16.4%
C38.4, C45.0	Pleura	0.6%	0.4%	0.4%	0.5%	0.6%	0.4%	0.2%	0.1%	0.2%	0.2%
C40-41	Bones, Joints, Cartilage	0.2%	0.0%	0.1%	0.2%	0.1%	0.2%	0.1%	0.2%	0.2%	0.2%
C47, C49	Soft Tissues	0.6%	0.6%	0.3%	0.5%	0.7%	0.7%	0.8%	0.3%	0.7%	0.7%
C43	Skin Melanoma	1.9%	1.5%	1.7%	2.6%	1.5%	0.8%	1.2%	1.2%	1.3%	1.3%
C50	Breast	0.1%	0.1%	0.0%	0.0%	0.0%	19.2%	17.6%	17.0%	17.8%	16.7%
C53	Cervix Uteri	-	-	-	-	-	0.9%	1.2%	1.1%	0.9%	0.6%
C54-55	Corpus Uteri & NOS	-	-	-	-	-	2.5%	3.0%	2.8%	2.7%	2.8%
C56	Ovary	-	-	-	-	-	5.4%	5.8%	5.5%	5.0%	4.5%
C61	Prostate	9.8%	12.1%	11.4%	11.8%	11.8%	-	-	-	-	-
C62	Testis	0.1%	0.0%	0.1%	0.1%	0.1%	-	-	-	-	-
C67	Bladder	4.2%	4.5%	4.0%	5.0%	5.0%	2.2%	1.8%	1.9%	2.5%	3.0%
C64-66, C68	Kidney & other Urinary Organs	2.1%	2.9%	2.9%	4.0%	3.2%	1.6%	2.0%	2.1%	2.6%	1.9%
C70-72	Brain & Central Nerves	2.3%	2.4%	2.2%	3.1%	3.3%	3.3%	2.9%	2.9%	2.3%	2.6%
C73	Thyroid	0.1%	0.3%	0.1%	0.4%	0.3%	0.4%	0.8%	0.2%	0.4%	0.7%
C81	Hodgkin's Disease	0.3%	0.3%	0.3%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.1%
C82-88	Non Hodgkin Lymphoma	3.7%	4.0%	3.5%	2.4%	3.9%	4.5%	3.1%	4.7%	4.0%	3.3%
C90	Multiple Myeloma	1.3%	1.6%	1.8%	1.7%	2.0%	2.2%	2.7%	2.1%	1.9%	2.6%
C91-95	Leukaemia	2.6%	2.4%	2.9%	2.8%	3.5%	2.9%	3.2%	2.8%	2.7%	3.4%
. . .	Others *	9.3%	8.4%	7.1%	4.8%	6.0%	11.5%	10.6%	9.5%	7.8%	8.0%
C00-43, C45-97	All Cancers except not melanotic Skin	100%	100%	100%	100%	100%	100.0%	100.0%	100.0%	100.0%	100.0%

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

5 most frequent cancer deaths for men, Ticino, 2016-2019



5 most frequent cancer deaths for women, Ticino, 2016-2019



Age standardised rates, European population, per 100'000

	Men						*Last period [CI95%]*	
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*LCI*	*UCI*
C00-14	Oral Cavity & Pharynx	8.0	8.3	8.2	7.5	6.1	4.6	7.6
C15	Oesophagus	7.8	6.0	6.5	5.6	5.2	3.9	6.5
C16	Stomach	15.5	9.5	7.7	7.9	5.5	4.1	7.0
C18-21	Colon, Rectum	22.0	17.2	18.4	17.2	13.0	10.9	15.0
C22	Liver & Intrahepatic Bile Ducts	17.3	17.8	15.0	14.9	13.4	11.3	15.5
C23-24	Gallbladder & Extrahepatic Bile Tract	2.9	1.6	1.9	1.7	1.6	0.9	2.4
C25	Pancreas	12.5	13.4	12.4	10.7	12.9	10.8	15.0
C32	Larynx	3.7	3.7	3.7	1.6	2.2	1.3	3.1
C33-34	Lung, Bronchus, Trachea	58.4	49.5	47.0	44.1	35.7	32.2	39.2
C38.4, C45.0	Pleura	1.5	0.8	0.8	0.9	1.1	0.5	1.8
C40-41	Bones, Joints, Cartilage	0.6	0.0	0.2	0.5	0.4	-0.1	0.8
C47, C49	Soft Tissues	1.6	1.2	0.5	0.9	1.5	0.7	2.3
C43	Skin Melanoma	4.8	3.3	3.3	4.9	2.7	1.7	3.7
C50	Breast	0.3	0.2	0.1	0.0	0.1	-0.1	0.3
C53	Cervix Uteri	-	-	-	-	-	-	-
C54-55	Corpus Uteri & NOS	-	-	-	-	-	-	-
C56	Ovary	-	-	-	-	-	-	-
C61	Prostate	22.4	23.5	19.7	19.3	16.4	14.3	18.6
C62	Testis	0.2	0.1	0.3	0.3	0.2	-0.1	0.4
C67	Bladder	9.7	9.2	7.3	8.4	7.5	6.0	9.0
C64-66, C68	Kidney & other Urinary Organs	5.2	6.4	5.6	7.4	5.1	3.8	6.4
C70-72	Brain & Central Nerves	6.1	5.6	4.8	6.2	6.2	4.6	7.7
C73	Thyroid	0.3	0.7	0.2	0.7	0.5	0.1	0.9
C81	Hodgkin's Disease	0.8	0.7	0.6	0.1	0.2	0.0	0.5
C82-88	Non Hodgkin Lymphoma	9.1	8.3	6.5	4.1	6.0	4.6	7.4
C90	Multiple Myeloma	3.2	3.3	3.6	2.9	3.0	2.0	3.9
C91-95	Leukaemia	6.2	5.4	5.6	5.1	5.3	4.0	6.6
. . .	Others *	22.2	17.5	13.4	8.7	9.4	7.6	11.2
C00-43, C45-97	All Cancers except not melanotic Skin	242.2	213.1	193.3	181.7	161.2	153.8	168.5

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

	Women						*Last period [CI95%]*	
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*LCI*	*UCI*
C00-14	Oral Cavity & Pharynx	2.7	2.1	2.0	2.1	2.3	1.4	3.1
C15	Oesophagus	1.6	1.3	0.6	1.2	1.1	0.5	1.7
C16	Stomach	5.7	5.7	4.0	3.7	3.4	2.3	4.4
C18-21	Colon, Rectum	13.1	10.7	11.9	10.2	9.8	8.1	11.5
C22	Liver & Intrahepatic Bile Ducts	3.9	3.1	4.1	3.3	3.2	2.3	4.1
C23-24	Gallbladder & Extrahepatic Bile Tract	2.2	1.8	2.4	2.0	2.1	1.3	2.9
C25	Pancreas	9.6	10.1	8.9	8.6	9.5	7.8	11.2
C32	Larynx	0.3	0.4	0.3	0.5	0.3	0.0	0.5
C33-34	Lung, Bronchus, Trachea	14.9	17.3	17.9	20.6	20.1	17.5	22.7
C38.4, C45.0	Pleura	0.5	0.2	0.1	0.2	0.2	0.0	0.4
C40-41	Bones, Joints, Cartilage	0.3	0.2	0.3	0.2	0.6	-0.1	1.2
C47, C49	Soft Tissues	0.8	1.1	0.4	1.0	0.6	0.2	0.9
C43	Skin Melanoma	1.1	1.6	1.5	1.6	1.4	0.7	2.1
C50	Breast	28.5	23.8	20.8	21.1	18.7	16.2	21.2
C53	Cervix Uteri	1.3	1.6	1.5	1.2	1.1	0.4	1.8
C54-55	Corpus Uteri & NOS	3.2	3.8	3.0	2.9	2.7	1.9	3.6
C56	Ovary	7.6	8.1	6.8	6.5	5.6	4.2	7.0
C61	Prostate	-	-	-	-	-	-	-
C62	Testis	-	-	-	-	-	-	-
C67	Bladder	2.5	1.9	2.0	2.0	2.7	1.8	3.5
C64-66, C68	Kidney & other Urinary Organs	2.1	2.3	2.3	2.5	1.6	1.0	2.3
C70-72	Brain & Central Nerves	5.3	4.3	4.2	3.5	3.6	2.4	4.8
C73	Thyroid	0.5	0.8	0.2	0.4	0.6	0.2	0.9
C81	Hodgkin's Disease	0.3	0.3	0.2	0.2	0.2	-0.1	0.5
C82-88	Non Hodgkin Lymphoma	5.4	3.5	4.7	3.5	2.6	1.8	3.4
C90	Multiple Myeloma	2.6	3.0	2.0	1.8	2.3	1.5	3.1
C91-95	Leukaemia	3.9	3.8	3.1	2.7	2.9	2.1	3.8
. . .	Others *	13.1	10.7	9.3	6.6	7.1	5.7	8.6
C00-43, C45-97	All Cancers except not melanotic Skin	132.9	123.5	114.2	110.1	106.1	100.4	111.9

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Age standardised rates, World population, per 100'000

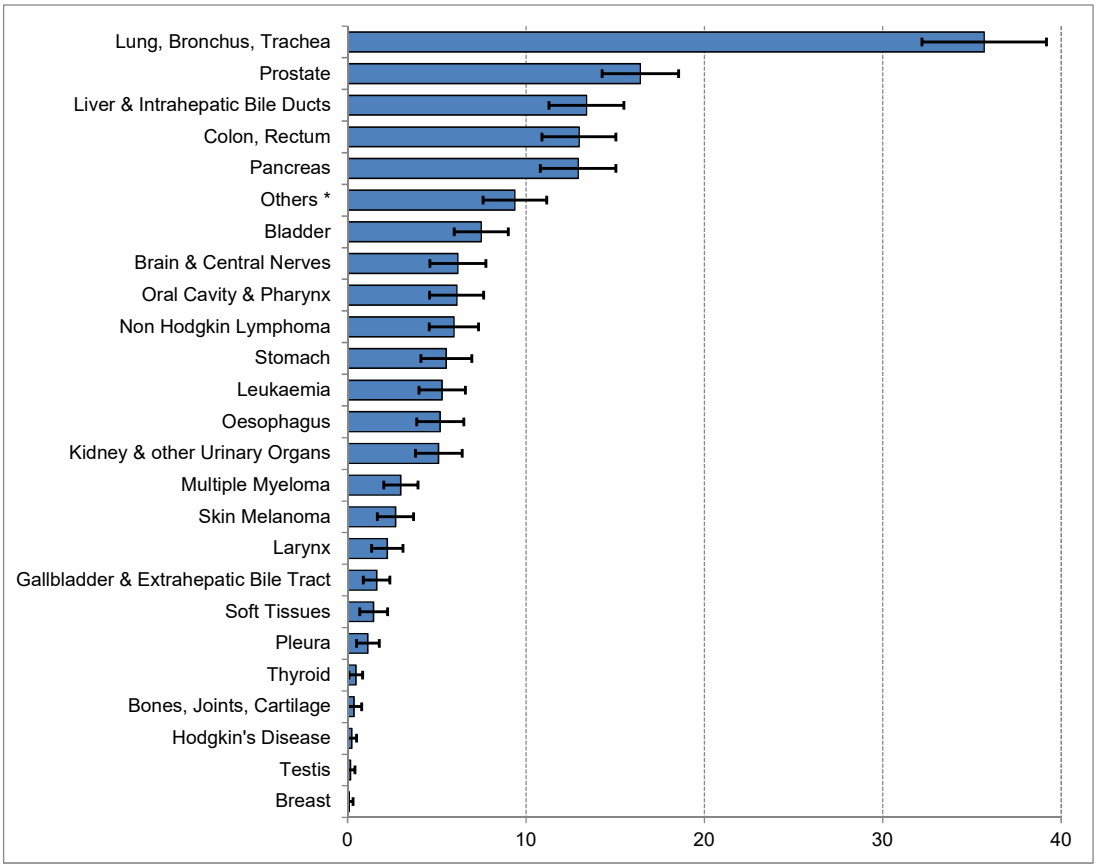
	Men						*Last period [CI95%]*	
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*LCI*	*UCI*
C00-14	Oral Cavity & Pharynx	5.4	5.7	5.7	5.2	4.1	3.0	5.2
C15	Oesophagus	5.2	3.8	4.3	3.6	3.3	2.4	4.2
C16	Stomach	9.8	6.1	4.9	4.9	3.6	2.6	4.6
C18-21	Colon, Rectum	13.9	10.9	11.7	10.8	8.2	6.8	9.6
C22	Liver & Intrahepatic Bile Ducts	11.4	11.9	9.9	9.8	8.4	7.0	9.8
C23-24	Gallbladder & Extrahepatic Bile Tract	1.8	1.0	1.2	1.1	1.0	0.5	1.5
C25	Pancreas	8.3	8.7	8.0	7.1	8.5	7.0	9.9
C32	Larynx	2.6	2.5	2.4	1.1	1.5	0.9	2.1
C33-34	Lung, Bronchus, Trachea	38.8	32.8	31.0	28.5	22.9	20.6	25.3
C38.4, C45.0	Pleura	1.0	0.6	0.5	0.6	0.8	0.3	1.2
C40-41	Bones, Joints, Cartilage	0.4	0.0	0.2	0.5	0.3	-0.1	0.6
C47, C49	Soft Tissues	1.2	0.7	0.3	0.6	1.0	0.4	1.6
C43	Skin Melanoma	3.3	2.2	2.3	3.2	1.8	1.1	2.6
C50	Breast	0.2	0.1	0.1	0.0	0.1	-0.1	0.2
C53	Cervix Uteri	-	-	-	0.0%	-	-	-
C54-55	Corpus Uteri & NOS	-	-	-	0.0%	-	-	-
C56	Ovary	-	-	-	0.0%	-	-	-
C61	Prostate	12.8	13.2	11.0	11.0	9.1	7.8	10.3
C62	Testis	0.2	0.0	0.2	0.3	0.1	-0.1	0.3
C67	Bladder	5.8	5.5	4.4	4.8	4.4	3.5	5.4
C64-66, C68	Kidney & other Urinary Organs	3.5	4.4	3.4	4.7	3.2	2.3	4.0
C70-72	Brain & Central Nerves	4.6	4.2	3.5	4.4	4.4	3.2	5.6
C73	Thyroid	0.2	0.4	0.2	0.4	0.3	0.0	0.5
C81	Hodgkin's Disease	0.5	0.5	0.5	0.1	0.1	0.0	0.3
C82-88	Non Hodgkin Lymphoma	5.9	5.4	3.9	2.4	3.6	2.7	4.5
C90	Multiple Myeloma	2.0	2.1	2.3	1.8	1.8	1.2	2.4
C91-95	Leukaemia	4.2	3.9	3.6	3.3	3.4	2.4	4.3
. . .	Others *	14.4	10.8	8.4	5.6	6.0	4.6	7.4
C00-43, C45-97	All Cancers except not melanotic Skin	157.5	137.8	124.0	115.5	101.9	96.8	106.9

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

	Women						*Last period [CI95%]*	
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*LCI*	*UCI*
C00-14	Oral Cavity & Pharynx	1.9	1.6	1.4	1.4	1.5	0.9	2.2
C15	Oesophagus	1.1	0.9	0.4	0.8	0.7	0.3	1.1
C16	Stomach	3.5	3.6	2.6	2.3	2.2	1.4	3.0
C18-21	Colon, Rectum	8.7	6.8	7.7	6.5	6.4	5.2	7.6
C22	Liver & Intrahepatic Bile Ducts	2.4	1.8	2.5	2.0	1.9	1.3	2.5
C23-24	Gallbladder & Extrahepatic Bile Tract	1.4	1.2	1.5	1.3	1.4	0.8	1.9
C25	Pancreas	6.2	6.4	5.5	5.5	6.0	4.9	7.2
C32	Larynx	0.2	0.3	0.2	0.4	0.2	0.0	0.3
C33-34	Lung, Bronchus, Trachea	10.3	11.9	11.8	13.9	13.4	11.5	15.2
C38.4, C45.0	Pleura	0.3	0.1	0.0	0.1	0.1	0.0	0.3
C40-41	Bones, Joints, Cartilage	0.2	0.3	0.3	0.2	0.6	-0.1	1.4
C47, C49	Soft Tissues	0.5	0.8	0.3	0.8	0.3	0.1	0.5
C43	Skin Melanoma	0.8	1.2	1.0	1.1	0.9	0.4	1.4
C50	Breast	19.8	16.2	14.0	14.3	12.6	10.7	14.4
C53	Cervix Uteri	1.0	1.1	1.0	0.8	0.8	0.3	1.4
C54-55	Corpus Uteri & NOS	2.0	2.5	1.8	1.9	1.7	1.1	2.3
C56	Ovary	5.0	5.7	4.6	4.4	3.7	2.8	4.7
C61	Prostate	-	-	-	0.0	-	-	-
C62	Testis	-	-	-	0.0	-	-	-
C67	Bladder	1.6	1.2	1.2	1.2	1.6	1.0	2.1
C64-66, C68	Kidney & other Urinary Organs	1.5	1.6	1.4	1.5	1.0	0.5	1.4
C70-72	Brain & Central Nerves	3.9	3.3	2.9	2.9	2.7	1.7	3.7
C73	Thyroid	0.3	0.5	0.1	0.3	0.3	0.1	0.6
C81	Hodgkin's Disease	0.2	0.2	0.2	0.1	0.2	-0.1	0.4
C82-88	Non Hodgkin Lymphoma	3.5	2.2	2.9	2.2	1.6	1.0	2.1
C90	Multiple Myeloma	1.7	1.8	1.2	1.1	1.4	0.9	1.9
C91-95	Leukaemia	2.9	2.6	2.1	1.6	1.8	1.2	2.3
. . .	Others *	8.5	6.6	5.7	3.9	4.7	3.4	5.9
C00-43, C45-97	All Cancers except not melanotic Skin	89.4	82.4	74.4	72.5	69.6	65.4	73.9

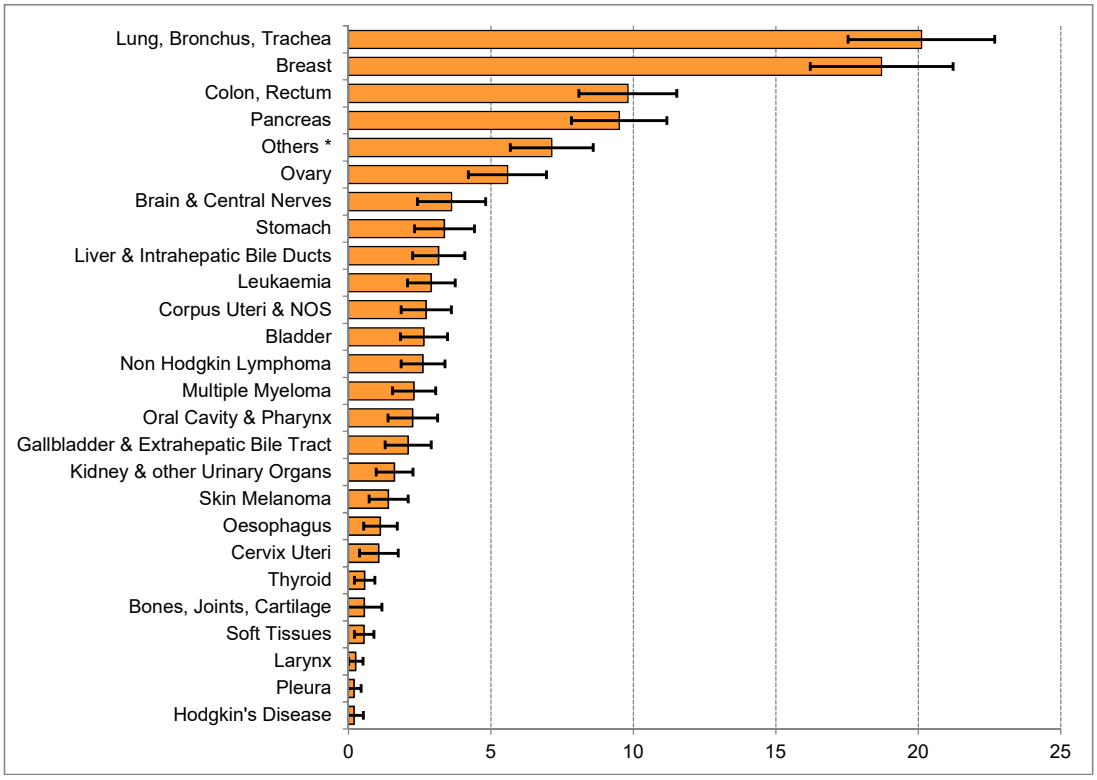
* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Age standardised rates, European population, per 100'000, for men in Ticino 2016-2019



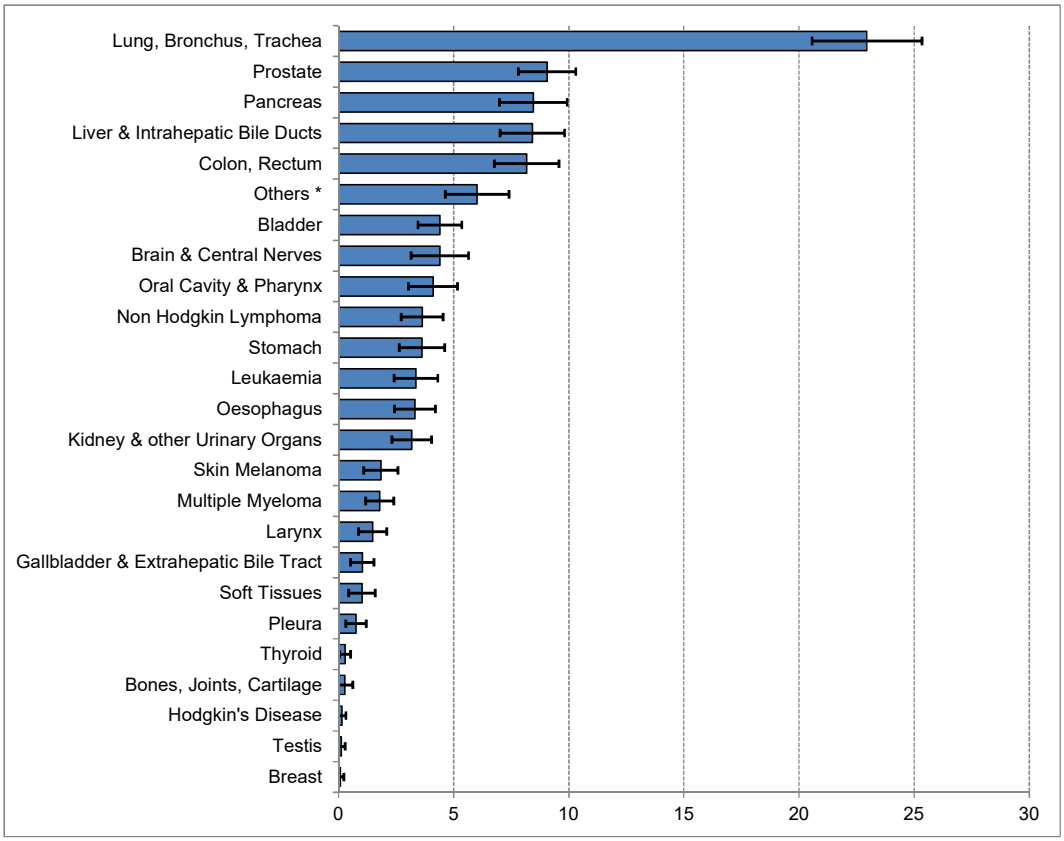
* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Age standardised rates, European population, per 100'000, for women in Ticino 2016-2019



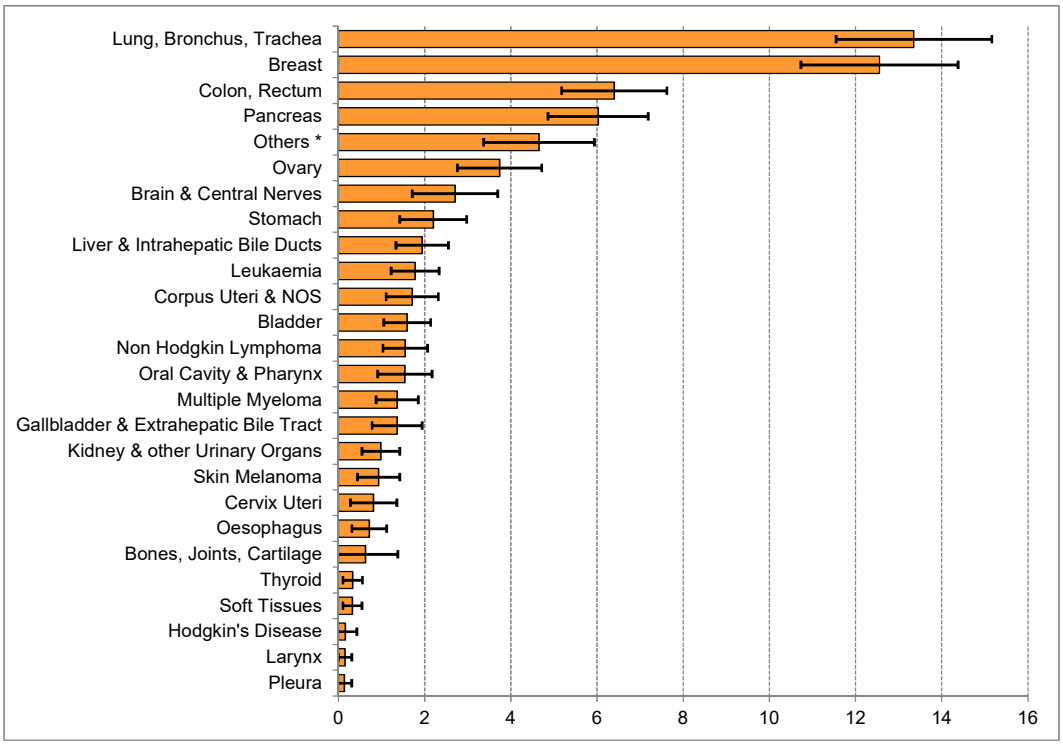
* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Age standardised rates, World population, per 100'000, for men in Ticino 2016-2019



* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Age standardised rates, World population, per 100'000, for women in Ticino 2016-2019

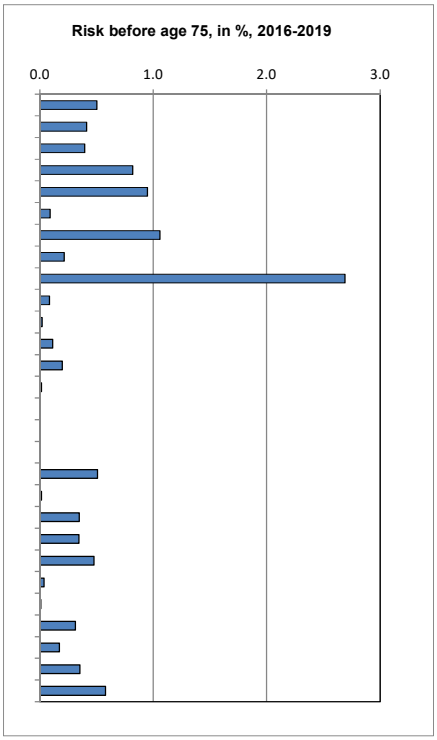


* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Risk (cumulative rate) before ages 60, 65, 70, 75, 80 (in %, 2016-2019)

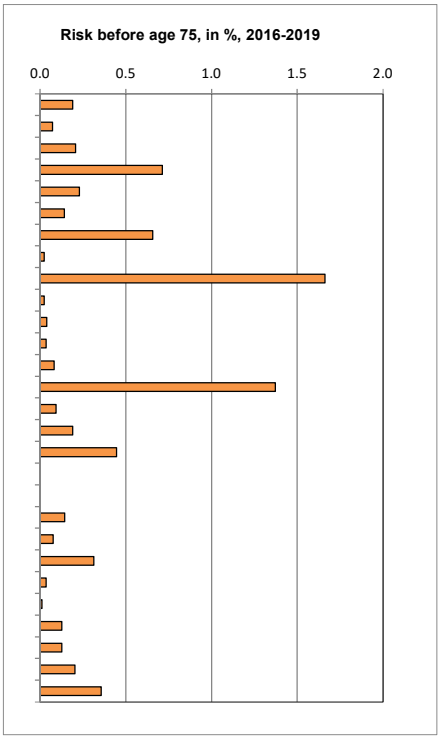
	Men	Age				
ICD10	Site	60	65	70	75	80
C00-14	Oral Cavity & Pharynx	0.14	0.24	0.35	**0.50**	0.67
C15	Oesophagus	0.02	0.10	0.22	**0.41**	0.72
C16	Stomach	0.14	0.15	0.30	**0.39**	0.55
C18-21	Colon, Rectum	0.15	0.33	0.51	**0.82**	1.25
C22	Liver & Intrahepatic Bile Ducts	0.13	0.31	0.50	**0.95**	1.51
C23-24	Gallbladder & Extrahepatic Bile Tract	0.03	0.04	0.08	**0.09**	0.18
C25	Pancreas	0.14	0.31	0.66	**1.06**	1.54
C32	Larynx	0.02	0.05	0.10	**0.21**	0.28
C33-34	Lung, Bronchus, Trachea	0.35	0.93	1.61	**2.69**	4.25
C38.4, C45.0	Pleura	0.01	0.04	0.06	**0.08**	0.15
C40-41	Bones, Joints, Cartilage	0.02	0.02	0.02	**0.02**	0.04
C47, C49	Soft Tissues	0.06	0.06	0.09	**0.11**	0.15
C43	Skin Melanoma	0.05	0.06	0.15	**0.20**	0.27
C50	Breast	0.00	0.00	0.01	**0.01**	0.01
C53	Cervix Uteri	-	-	-	-	-
C54-55	Corpus Uteri & NOS	-	-	-	-	-
C56	Ovary	-	-	-	-	-
C61	Prostate	0.02	0.09	0.26	**0.51**	1.26
C62	Testis	0.00	0.00	0.01	**0.01**	0.03
C67	Bladder	0.04	0.10	0.21	**0.35**	0.62
C64-66, C68	Kidney & other Urinary Organs	0.09	0.15	0.18	**0.34**	0.48
C70-72	Brain & Central Nerves	0.13	0.22	0.37	**0.48**	0.75
C73	Thyroid	0.01	0.01	0.01	**0.04**	0.04
C81	Hodgkin's Disease	0.01	0.01	0.01	**0.01**	0.03
C82-88	Non Hodgkin Lymphoma	0.06	0.11	0.22	**0.31**	0.66
C90	Multiple Myeloma	0.02	0.04	0.09	**0.17**	0.31
C91-95	Leukaemia	0.03	0.08	0.16	**0.35**	0.52
. . .	Others *	0.05	0.17	0.33	**0.58**	0.99
C00-43, C45-97	All Cancers except not melanotic Skin	1.74	3.63	6.49	**10.71**	17.26

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47



	Women	Age				
ICD10	Site	60	65	70	75	80
C00-14	Oral Cavity & Pharynx	0.03	0.10	0.14	**0.19**	0.26
C15	Oesophagus	0.03	0.04	0.05	**0.07**	0.12
C16	Stomach	0.10	0.11	0.14	**0.21**	0.26
C18-21	Colon, Rectum	0.13	0.27	0.47	**0.71**	0.98
C22	Liver & Intrahepatic Bile Ducts	0.03	0.05	0.10	**0.23**	0.37
C23-24	Gallbladder & Extrahepatic Bile Tract	0.05	0.06	0.08	**0.14**	0.21
C25	Pancreas	0.16	0.23	0.38	**0.66**	1.05
C32	Larynx	0.00	0.00	0.00	**0.02**	0.05
C33-34	Lung, Bronchus, Trachea	0.32	0.64	1.16	**1.66**	2.52
C38.4, C45.0	Pleura	0.00	0.00	0.01	**0.02**	0.02
C40-41	Bones, Joints, Cartilage	0.04	0.04	0.04	**0.04**	0.04
C47, C49	Soft Tissues	0.00	0.00	0.01	**0.04**	0.05
C43	Skin Melanoma	0.03	0.07	0.08	**0.08**	0.14
C50	Breast	0.45	0.67	1.00	**1.37**	1.74
C53	Cervix Uteri	0.05	0.06	0.08	**0.09**	0.11
C54-55	Corpus Uteri & NOS	0.04	0.07	0.08	**0.19**	0.30
C56	Ovary	0.12	0.22	0.30	**0.45**	0.66
C61	Prostate	-	-	-	-	-
C62	Testis	-	-	-	-	-
C67	Bladder	0.03	0.05	0.08	**0.14**	0.26
C64-66, C68	Kidney & other Urinary Organs	0.02	0.03	0.05	**0.08**	0.16
C70-72	Brain & Central Nerves	0.11	0.16	0.24	**0.31**	0.37
C73	Thyroid	0.00	0.00	0.01	**0.04**	0.08
C81	Hodgkin's Disease	0.01	0.01	0.01	**0.01**	0.01
C82-88	Non Hodgkin Lymphoma	0.01	0.04	0.05	**0.13**	0.23
C90	Multiple Myeloma	0.01	0.03	0.05	**0.13**	0.30
C91-95	Leukaemia	0.00	0.00	0.12	**0.20**	0.30
. . .	Others *	0.09	0.15	0.24	**0.36**	0.70
C00-43, C45-97	All Cancers except not melanotic Skin	1.83	3.09	5.00	**7.58**	11.29

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47



Years of life lost before age 70

	Men	*Years of life lost each year in the period*					*Years of life lost by death*				
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*
C00-14	Oral Cavity & Pharynx	112	111	121	87	80	11.7	10.8	10.4	9.1	10.0
C15	Oesophagus	82	48	79	51	26	10.4	9.5	11.9	8.0	5.8
C16	Stomach	116	87	56	50	73	11.6	11.1	8.8	8.5	10.8
C18-21	Colon, Rectum	106	107	124	142	110	7.4	8.2	7.6	9.9	9.6
C22	Liver & Intrahepatic Bile Ducts	131	154	140	162	97	9.2	9.0	9.1	10.4	8.6
C23-24	Gallbladder & Extrahepatic Bile Tract	15	8	12	6	17	8.1	5.4	7.5	5.5	9.6
C25	Pancreas	119	115	117	113	104	11.2	9.3	9.9	9.5	7.4
C32	Larynx	49	39	31	19	17	12.8	9.8	8.0	11.9	7.5
C33-34	Lung, Bronchus, Trachea	440	453	405	366	273	9.0	9.8	8.6	8.3	7.9
C38.4, C45.0	Pleura	12	5	3	5	11	7.5	6.3	4.2	7.5	8.5
C40-41	Bones, Joints, Cartilage	1	0	1	19	14	2.5	0.0	2.5	23.8	27.5
C47, C49	Soft Tissues	33	10	0	15	33	20.6	9.5	0.0	14.5	16.3
C43	Skin Melanoma	62	39	38	69	37	14.6	12.2	8.9	14.9	11.3
C50	Breast	0	1	2	0	1	0.0	2.5	7.5	0.0	2.5
C53	Cervix Uteri	-	-	-	0	-	-	-	-	0	-
C54-55	Corpus Uteri & NOS	-	-	-	0	-	-	-	-	0	-
C56	Ovary	-	-	-	0	-	-	-	-	0	-
C61	Prostate	55	37	46	56	27	6.9	6.2	5.8	6.7	5.1
C62	Testis	9	0	7	15	1	42.5	0.0	17.5	37.5	2.5
C67	Bladder	30	41	33	21	35	6.4	8.1	6.5	6.6	7.8
C64-66, C68	Kidney & other Urinary Organs	45	77	48	60	47	9.7	13.8	10.3	9.0	11.0
C70-72	Brain & Central Nerves	112	107	87	100	100	15.1	16.7	13.6	11.9	12.5
C73	Thyroid	2	1	1	8	3	7.5	2.5	2.5	12.5	12.5
C81	Hodgkin's Disease	1	9	20	1	4	2.5	14.2	25.0	2.5	17.5
C82-88	Non Hodgkin Lymphoma	95	69	31	26	43	13.2	11.0	6.5	11.6	9.1
C90	Multiple Myeloma	32	21	31	14	18	11.4	7.5	11.1	5.8	8.8
C91-95	Leukaemia	86	74	57	52	33	14.7	18.5	13.5	15.1	10.2
. . .	Others *	166	108	94	73	63	10.7	10.1	8.8	11.0	9.4
C00-43, C45-97	All Cancers except not melanotic Skin	1'905	1'716	1'577	1'524	1'265	10.3	10.1	9.1	9.6	8.9

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

	Women	*Years of life lost each year in the period*					*Years of life lost by death*				
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*
C00-14	Oral Cavity & Pharynx	43	51	23	26	24	13.4	19.4	7.5	9.3	7.5
C15	Oesophagus	15	13	2	16	14	9.4	8.1	7.5	11.1	11.5
C16	Stomach	37	50	36	35	56	13.2	11.4	10.0	9.1	17.1
C18-21	Colon, Rectum	136	85	104	95	100	12.1	9.2	8.7	9.3	9.1
C22	Liver & Intrahepatic Bile Ducts	23	12	32	28	17	8.2	6.4	9.3	12.5	7.5
C23-24	Gallbladder & Extrahepatic Bile Tract	12	18	17	20	29	6.4	7.5	8.5	8.9	14.4
C25	Pancreas	78	84	61	79	93	9.0	9.3	8.2	9.4	10.3
C32	Larynx	4	4	3	7	0	10.0	10.0	7.5	5.8	0.0
C33-34	Lung, Bronchus, Trachea	194	229	164	266	213	11.7	10.5	8.2	9.6	8.0
C38.4, C45.0	Pleura	3	0	0	0	1	7.5	0.0	0.0	0.0	2.5
C40-41	Bones, Joints, Cartilage	6	11	12	10	29	15.0	52.5	57.5	47.5	39.2
C47, C49	Soft Tissues	3	21	8	20	1	7.5	17.5	12.5	12.5	2.5
C43	Skin Melanoma	12	28	27	28	20	11.5	17.5	14.7	11.7	10.0
C50	Breast	436	297	256	305	286	13.9	10.6	10.3	11.7	11.9
C53	Cervix Uteri	28	15	20	22	30	19.6	7.5	10.8	13.8	15.0
C54-55	Corpus Uteri & NOS	30	31	21	29	24	10.7	7.8	6.8	9.1	11.9
C56	Ovary	102	114	82	84	74	13.4	12.1	9.8	10.5	10.3
C61	Prostate	-	-	-	0.0	-	-	-	-	0.0	-
C62	Testis	-	-	-	0.0	-	-	-	-	0.0	-
C67	Bladder	24	10	13	13	18	13.1	8.3	10.8	10.8	8.8
C64-66, C68	Kidney & other Urinary Organs	24	27	16	16	13	15.0	16.9	10.0	10.0	10.5
C70-72	Brain & Central Nerves	97	82	73	83	77	14.6	14.6	15.2	16.0	13.4
C73	Thyroid	5	1	2	4	1	12.5	2.5	7.5	10.0	2.5
C81	Hodgkin's Disease	5	2	6	4	8	22.5	5.0	27.5	17.5	32.5
C82-88	Non Hodgkin Lymphoma	54	36	42	19	12	13.5	11.8	12.2	8.4	9.5
C90	Multiple Myeloma	15	16	15	14	9	7.5	11.1	10.4	9.6	7.5
C91-95	Leukaemia	71	49	37	17	6	18.6	14.3	15.4	9.2	2.5
. . .	Others *	133	91	66	45	69	14.5	14.2	8.7	11.3	13.2
C00-43, C45-97	All Cancers except not melanotic Skin	1'585	1'373	1'132	1'280	1'224	12.8	11.2	9.8	10.6	10.5

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

Mortality

Years of life lost before age 75

	Men	*Years of life lost each year in the period*					*Years of life lost by death*				
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*
C00-14	Oral Cavity & Pharynx	161	165	183	146	127	16.1	14.2	13.9	10.4	11.8
C15	Oesophagus	125	78	118	86	58	13.2	10.8	12.8	11.6	7.2
C16	Stomach	178	133	96	89	111	12.0	12.5	10.0	9.0	13.1
C18-21	Colon, Rectum	196	188	225	232	181	9.1	9.6	9.4	10.7	10.7
C22	Liver & Intrahepatic Bile Ducts	216	258	232	260	173	10.8	10.6	10.7	11.1	9.0
C23-24	Gallbladder & Extrahepatic Bile Tract	27	17	21	14	26	8.8	7.5	10.5	5.8	13.1
C25	Pancreas	181	185	186	185	192	12.7	11.9	11.7	10.9	9.0
C32	Larynx	70	62	54	30	33	14.6	11.9	9.9	11.3	7.8
C33-34	Lung, Bronchus, Trachea	740	729	689	631	496	10.4	11.3	10.3	10.1	9.1
C38.4, C45.0	Pleura	21	11	6	10	18	11.4	6.9	7.5	6.8	10.4
C40-41	Bones, Joints, Cartilage	4	0	2	24	16	5.0	0.0	5.0	23.5	32.5
C47, C49	Soft Tissues	42	16	2	20	44	21.0	11.1	2.5	16.7	17.5
C43	Skin Melanoma	87	58	61	96	55	14.9	13.2	12.1	15.0	13.8
C50	Breast	1	2	3	0	2	2.5	5.0	12.5	0.0	7.5
C53	Cervix Uteri	-	-	-	0	-	-	-	-	0	-
C54-55	Corpus Uteri & NOS	-	-	-	0	-	-	-	-	0	-
C56	Ovary	-	-	-	0	-	-	-	-	0	-
C61	Prostate	106	87	94	113	64	8.6	6.2	8.1	7.9	6.6
C62	Testis	10	0	9	17	2	25.0	0.0	22.5	42.5	7.5
C67	Bladder	59	72	65	46	64	8.2	9.7	8.3	6.8	9.1
C64-66, C68	Kidney & other Urinary Organs	74	112	73	100	76	10.5	13.3	13.0	10.6	10.4
C70-72	Brain & Central Nerves	153	145	124	146	145	16.6	16.5	14.8	14.8	14.5
C73	Thyroid	3	4	3	12	6	12.5	5.8	7.5	10.0	7.5
C81	Hodgkin's Disease	4	13	25	2	6	5.8	10.8	24.5	7.5	22.5
C82-88	Non Hodgkin Lymphoma	138	107	59	40	71	14.0	11.8	9.2	11.6	11.0
C90	Multiple Myeloma	48	38	49	30	31	14.0	9.9	11.5	7.8	8.9
C91-95	Leukaemia	116	98	83	75	58	18.1	18.1	13.0	12.5	8.6
. . .	Others *	257	175	159	119	108	12.1	10.7	10.3	10.0	9.6
C00-43, C45-97	All Cancers except not melanotic Skin	3'011	2'749	2'616	2'516	2'163	11.7	11.3	10.8	10.6	9.9

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

	Women	*Years of life lost each year in the period*					*Years of life lost by death*				
ICD10	*Site*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*	*1996-2000*	*2001-2005*	*2006-2010*	*2011-2015*	*2016-2019*
C00-14	Oral Cavity & Pharynx	61	65	39	44	43	15.9	20.3	10.8	10.4	10.1
C15	Oesophagus	25	22	5	24	22	10.4	11.9	4.5	13.1	12.5
C16	Stomach	58	78	59	56	76	10.4	11.7	10.5	12.1	15.9
C18-21	Colon, Rectum	204	139	179	154	168	12.8	11.4	10.0	11.3	10.5
C22	Liver & Intrahepatic Bile Ducts	41	24	54	43	35	9.3	7.5	9.9	11.2	7.0
C23-24	Gallbladder & Extrahepatic Bile Tract	24	31	29	33	42	7.5	11.7	10.4	10.8	12.9
C25	Pancreas	130	136	109	132	152	10.5	11.3	9.1	10.3	10.3
C32	Larynx	6	7	5	13	1	15.0	10.8	12.5	10.8	2.5
C33-34	Lung, Bronchus, Trachea	292	352	288	427	373	12.8	12.8	9.7	11.6	10.0
C38.4, C45.0	Pleura	6	1	1	1	3	7.5	2.5	2.5	2.5	5.0
C40-41	Bones, Joints, Cartilage	8	12	13	11	33	20.0	57.5	32.5	52.5	44.2
C47, C49	Soft Tissues	7	29	11	28	3	6.5	15.8	13.8	17.5	4.2
C43	Skin Melanoma	18	38	37	41	30	11.3	17.0	15.4	15.6	15.0
C50	Breast	619	459	401	457	426	14.7	12.5	12.1	13.2	13.4
C53	Cervix Uteri	36	27	31	32	41	19.7	9.6	11.7	14.3	18.1
C54-55	Corpus Uteri & NOS	47	55	38	48	39	12.2	9.8	9.9	10.9	9.3
C56	Ovary	147	169	129	135	118	14.4	13.2	12.4	11.0	11.5
C61	Prostate	-	-	-	0.0	-	-	-	-	0.0	-
C62	Testis	-	-	-	0.0	-	-	-	-	0.0	-
C67	Bladder	35	19	22	21	31	13.3	8.4	9.2	10.5	9.4
C64-66, C68	Kidney & other Urinary Organs	34	39	26	28	21	14.2	12.8	10.8	9.2	11.8
C70-72	Brain & Central Nerves	133	112	102	112	109	17.0	17.5	15.4	18.0	15.1
C73	Thyroid	8	5	3	7	3	12.5	4.5	12.5	10.8	4.2
C81	Hodgkin's Disease	7	5	8	5	9	10.8	7.5	12.5	22.5	37.5
C82-88	Non Hodgkin Lymphoma	78	53	62	32	22	13.9	13.3	13.4	10.0	8.0
C90	Multiple Myeloma	27	29	24	22	19	9.6	7.5	10.7	11.0	7.0
C91-95	Leukaemia	93	70	53	30	23	18.5	13.9	13.3	8.3	5.4
. . .	Others *	186	133	112	71	102	15.7	13.0	10.5	11.1	13.1
C00-43, C45-97	All Cancers except not melanotic Skin	2'325	2'101	1'834	2'000	1'943	13.5	12.5	11.1	12.0	11.4

* All others tumours included: C17, C26, C30-31, C37, C38, C45-46, C48, C51-52, C57-58, C60, C63, C69, C74-76, C80, C96-97, D45-47

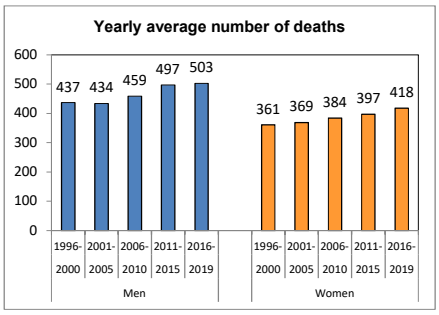
Mortality

All Cancers except not melanotic Skin

Ticino

Number of deaths

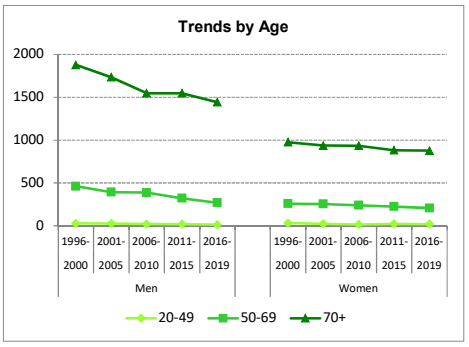
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	4	99	824	1'256	**2'183**	437
	2001- 2005	7	92	750	1'319	**2'168**	434
	2006- 2010	0	78	790	1'427	**2'295**	459
	2011- 2015	3	74	720	1'686	**2'483**	497
	2016- 2019	3	40	523	1'447	**2'013**	503
Women	1996 - 2000	8	113	499	1'183	**1'803**	361
	2001- 2005	7	85	523	1'230	**1'845**	369
	2006- 2010	2	55	520	1'342	**1'919**	384
	2011- 2015	2	82	521	1'380	**1'985**	397
	2016- 2019	4	51	413	1'205	**1'673**	418
Total	Total	**40**	**769**	**6'083**	**13'475**	**20'367**	**849**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

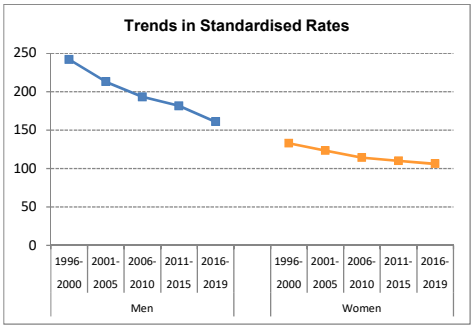
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	2.6	29.7	462.1	1877.9
	2001 - 2005	4.4	27.7	392.9 **	1733.7 *
	2006 - 2010	0.0 **	22.9	388.0	1548.7 **
	2011 - 2015	1.8	21.6	322.4 **	1547.8
	2016 - 2019	2.3	15.2	269.9 **	1444.1
Women	1996 - 2000	5.4	33.3	258.4	975.1
	2001 - 2005	4.7	24.7 *	255.8	937.3
	2006 - 2010	1.3	15.9 **	241.7	935.8
	2011 - 2015	1.3	23.9 *	225.3	884.0
	2016 - 2019	3.2	19.4	208.1	877.1
Men	Annual trend		0.969	0.975	0.987
Women	Annual trend		0.978	0.989	0.995



European standardized rate by period

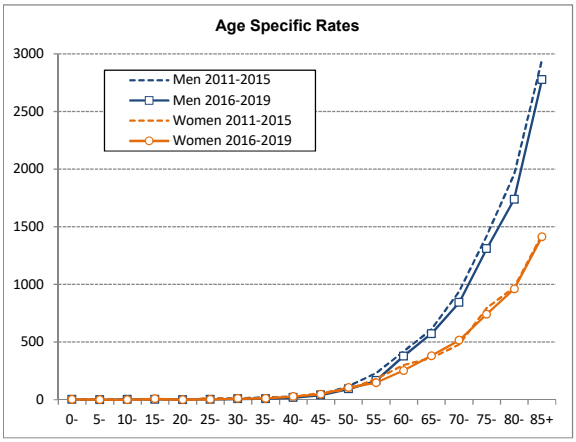
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	242.2	231.9	252.4
	2001 - 2005	213.1	204.0	222.2
	2006 - 2010	193.3	185.3	201.4
	2011 - 2015	181.7		
	2016 - 2019	161.2	153.8	168.5
Women	1996 - 2000	132.9	126.2	139.7
	2001 - 2005	123.5	117.3	129.7
	2006 - 2010	114.2	108.5	119.9
	2011 - 2015	110.1		
	2016 - 2019	106.1	100.4	111.9
Men	**APC**	-1.969 **		
Women	**APC**	-1.208 **		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	3.4	2.7	3.6
5-	2.5	0.0	2.6	0.0
10-	2.4	2.9	0.0	0.0
15-	2.3	2.8	0.0	8.9
20-	2.1	0.0	2.2	0.0
25-	8.5	2.6	13.2	2.7
30-	12.2	7.7	5.9	10.3
35-	21.4	9.6	18.7	11.5
40-	26.5	18.8	24.7	27.9
45-	43.8	40.5	59.5	46.9
50-	118.8	93.5	90.3	106.5
55-	231.6	165.5	181.5	147.5
60-	418.9	378.2	300.0	253.1
65-	609.5	573.2	362.5	381.6
70-	938.5	842.9	478.1	516.0
75-	1423.0	1310.3	794.3	741.7
80-	1955.9	1738.7	976.5	961.4
85+	2950.2	2776.1	1430.4	1413.1
Crude rate	295.7	292.3	223.6	231.0



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Repubblica e Cantone Ticino

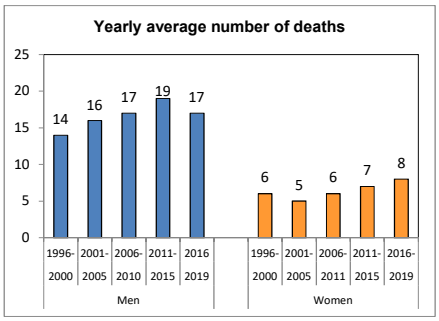
Mortality

Oral Cavity & Pharynx

Ticino

Number of deaths

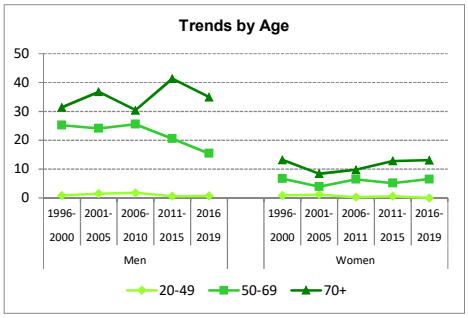
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	3	45	21	**69**	14
	2001- 2005	0	5	46	28	**79**	16
	2006- 2010	0	6	52	28	**86**	17
	2011- 2015	0	2	46	45	**93**	19
	2016- 2019	0	2	30	35	**67**	17
Women	1996 - 2000	0	3	13	16	**32**	6
	2001- 2005	1	4	8	11	**24**	5
	2006- 2010	0	1	14	14	**29**	6
	2011- 2015	0	2	12	20	**34**	7
	2016- 2019	0	0	13	18	**31**	8
Total	Total	**1**	**28**	**279**	**236**	**544**	**23**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

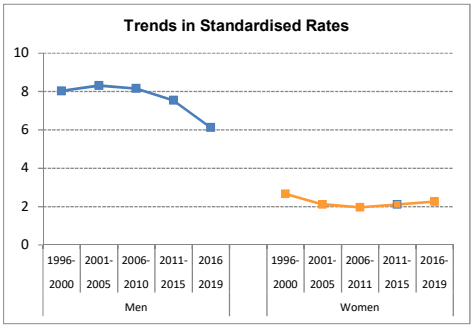
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.9	25.2	31.4
	2001 - 2005	0.0	1.5	24.1	36.8
	2006 - 2010	0.0	1.8	25.5	30.4
	2011 - 2015	0.0	0.6	20.6	41.3
	2016 - 2019	0.0	0.8	15.5	34.9
Women	1996 - 2000	0.0	0.9	6.7	13.2
	2001 - 2005	0.7	1.2	3.9	8.4
	2006 - 2010	0.0	0.3	6.5	9.8
	2011 - 2015	0.0	0.6	5.2	12.8
	2016 - 2019	0.0	0.0	6.5	13.1
Men	Annual trend		0.975	0.978	1.007
Women	Annual trend		0.625	1.005	1.008



European standardized rate by period

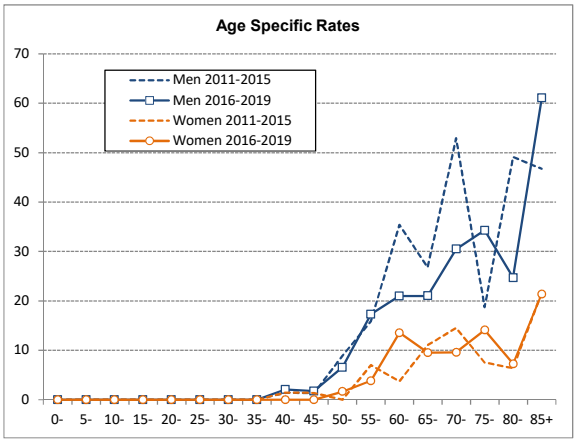
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	8.0	6.1	9.9
	2001 - 2005	8.3	6.5	10.2
	2006 - 2010	8.2	6.4	9.9
	2011 - 2015	7.5	6.0	9.1
	2016 - 2019	6.1	4.6	7.6
Women	1996 - 2000	2.7	1.7	3.7
	2001 - 2005	2.1	1.2	3.0
	2006 - 2010	2.0	1.2	2.7
	2011 - 2015	2.1	1.3	2.9
	2016 - 2019	2.3	1.4	3.1
Men	**APC**	-1.307 *		
Women	**APC**	-0.070		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	1.5	2.1	1.5	0.0
45-	1.3	1.8	1.4	0.0
50-	8.9	6.6	0.0	1.7
55-	15.9	17.3	7.0	3.8
60-	35.4	21.0	3.7	13.6
65-	26.8	21.0	11.0	9.5
70-	52.9	30.5	14.6	9.6
75-	18.7	34.3	7.6	14.1
80-	49.1	24.7	6.4	7.3
85+	46.7	61.1	21.7	21.4
Crude rate	11.1	9.7	3.8	4.3



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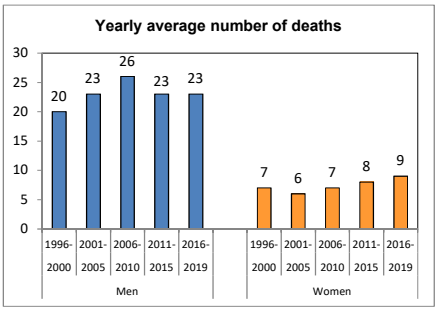
Mortality

Oral Cavity, Pharynx & Larynx

Ticino

Number of deaths

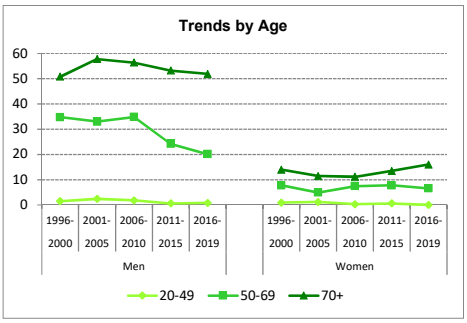
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	5	62	34	**101**	20
	2001- 2005	0	8	63	44	**115**	23
	2006- 2010	0	6	71	52	**129**	26
	2011- 2015	0	2	54	58	**114**	23
	2016- 2019	0	2	39	52	**93**	23
Women	1996 - 2000	0	3	15	17	**35**	7
	2001- 2005	1	4	10	15	**30**	6
	2006- 2010	0	1	16	16	**33**	7
	2011- 2015	0	2	18	21	**41**	8
	2016- 2019	0	0	13	22	**35**	9
Total	Total	**1**	**33**	**361**	**331**	**726**	**30**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

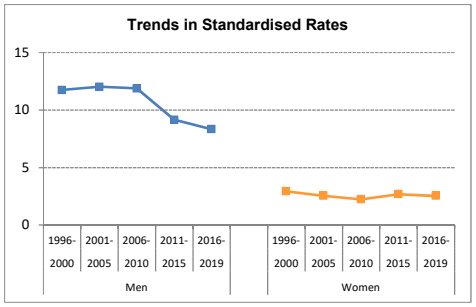
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	1.5	34.8	50.8
	2001 - 2005	0.0	2.4	33.0	57.8
	2006 - 2010	0.0	1.8	34.9	56.4
	2011 - 2015	0.0	0.6	24.2 *	53.2
	2016 - 2019	0.0	0.8	20.1	51.9
Women	1996 - 2000	0.0	0.9	7.8	14.0
	2001 - 2005	0.7	1.2	4.9	11.4
	2006 - 2010	0.0	0.3	7.4	11.2
	2011 - 2015	0.0	0.6	7.8	13.5
	2016 - 2019	0.0	0.0	6.5	16.0
Men	Annual trend		0.946	0.972	0.999
Women	Annual trend		0.625	1.002	1.009



European standardized rate by period

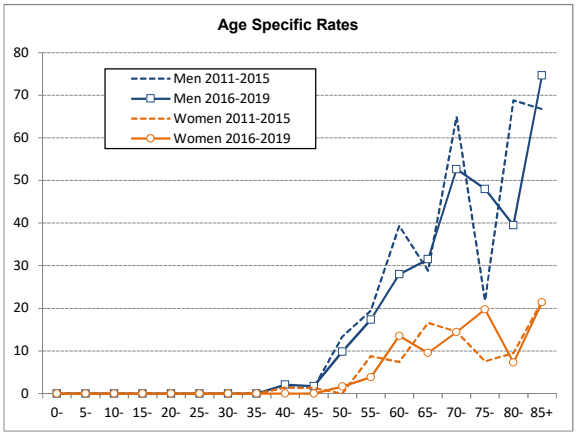
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	11.8	9.4	14.1
	2001 - 2005	12.0	9.8	14.3
	2006 - 2010	11.9	9.8	14.0
	2011 - 2015	9.2	7.4	10.9
	2016 - 2019	8.3	6.6	10.1
Women	1996 - 2000	2.9	1.9	4.0
	2001 - 2005	2.5	1.5	3.5
	2006 - 2010	2.2	1.4	3.1
	2011 - 2015	2.7	1.8	3.5
	2016 - 2019	2.5	1.6	3.4
Men	**APC**	-1.880 **		
Women	**APC**	0.006		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	1.5	2.1	1.5	0.0
45-	1.3	1.8	1.4	0.0
50-	13.4	9.8	0.0	1.7
55-	19.4	17.3	8.8	3.8
60-	39.3	28.0	7.5	13.6
65-	28.8	31.6	16.6	9.5
70-	65.0	52.7	14.6	14.4
75-	21.8	48.0	7.6	19.7
80-	68.8	39.5	9.5	7.3
85+	66.7	74.7	21.7	21.4
Crude rate	13.6	13.5	4.6	4.8



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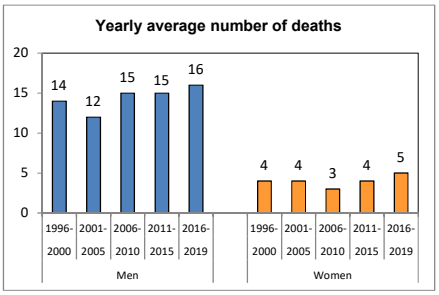
Mortality **Oesophagus** Ticino

Number of deaths

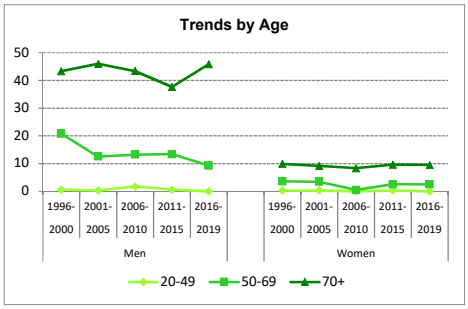
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	2	37	29	**68**	14
	2001- 2005	0	1	24	35	**60**	12
	2006- 2010	0	6	27	40	**73**	15
	2011- 2015	0	2	30	41	**73**	15
	2016- 2019	0	0	18	46	**64**	16
Women	1996 - 2000	0	1	7	12	**20**	4
	2001- 2005	0	1	7	12	**20**	4
	2006- 2010	0	0	1	12	**13**	3
	2011- 2015	0	1	6	15	**22**	4
	2016- 2019	0	0	5	13	**18**	5
Total	Total	**0**	**14**	**162**	**255**	**431**	18



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

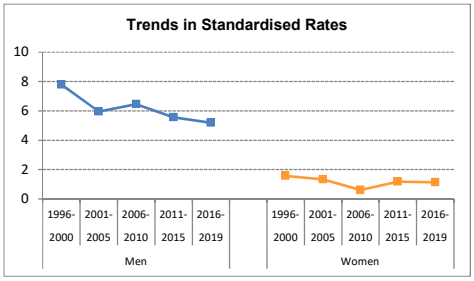
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.6	20.8	43.4
	2001 - 2005	0.0	0.3	12.6	46.0
	2006 - 2010	0.0	1.8	13.3	43.4
	2011 - 2015	0.0	0.6	13.4	37.6
	2016 - 2019	0.0	0.0	9.3	45.9
Women	1996 - 2000	0.0	0.3	3.6	9.9
	2001 - 2005	0.0	0.3	3.4	9.1
	2006 - 2010	0.0	0.0	0.5 *	8.4
	2011 - 2015	0.0	0.3	2.6	9.6
	2016 - 2019	0.0	0.0	2.5	9.5
Men	Annual trend		0.653	0.970	0.998
Women	Annual trend		0.663	0.980	0.999



European standardized rate by period

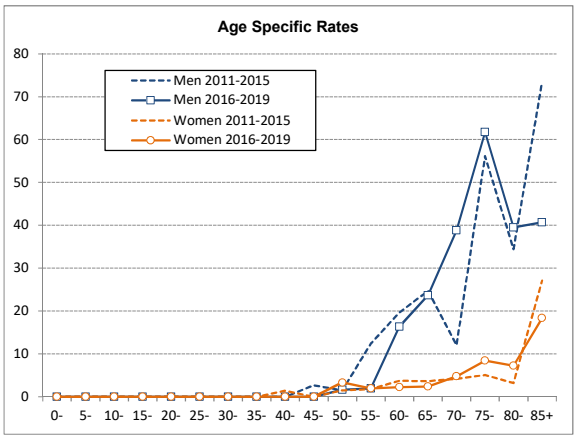
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	7.8	5.9	9.7
	2001 - 2005	6.0	4.4	7.5
	2006 - 2010	6.5	4.9	8.0
	2011 - 2015	5.6	4.3	6.9
	2016 - 2019	5.2	3.9	6.5
Women	1996 - 2000	1.6	0.8	2.3
	2001 - 2005	1.3	0.7	2.0
	2006 - 2010	0.6	0.2	1.0
	2011 - 2015	1.2	0.6	1.7
	2016 - 2019	1.1	0.5	1.7
Men	**APC**	-2.018 *		
Women	**APC**	-2.073		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	0.0	1.5	0.0
45-	2.7	0.0	0.0	0.0
50-	1.5	1.6	1.5	3.3
55-	12.4	1.9	1.8	1.9
60-	19.7	16.3	3.7	2.3
65-	24.7	23.7	3.7	2.4
70-	12.0	38.8	4.2	4.8
75-	56.2	61.7	5.0	8.5
80-	34.4	39.5	3.2	7.3
85+	73.4	40.7	27.1	18.4
Crude rate	8.7	9.3	2.5	2.5



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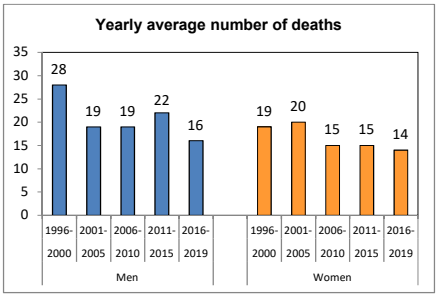
Mortality **Stomach** Ticino

Number of deaths

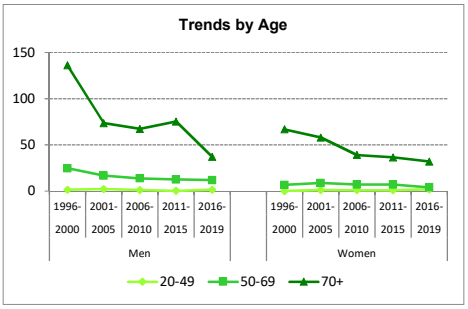
Sex	Period	0-19	20-49	50-69	70+	Total	Yearly average
			Age group				
Men	1996 - 2000	1	5	44	91	**141**	28
	2001- 2005	0	7	32	56	**95**	19
	2006- 2010	0	4	28	62	**94**	19
	2011- 2015	0	1	28	82	**111**	22
	2016- 2019	0	4	23	37	**64**	16
Women	1996 - 2000	1	0	13	81	**95**	19
	2001- 2005	0	4	18	76	**98**	20
	2006- 2010	0	3	15	56	**74**	15
	2011- 2015	0	3	16	57	**76**	15
	2016- 2019	0	5	8	44	**57**	14
Total	Total	**2**	**36**	**225**	**642**	**905**	38



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

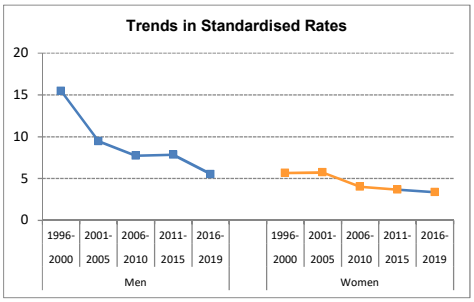
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.6	1.5	24.7	136.1
	2001 - 2005	0.0	2.1	16.8	73.6 **
	2006 - 2010	0.0	1.2	13.8	67.3
	2011 - 2015	0.0	0.3	12.5	75.3
	2016 - 2019	0.0	1.5	11.9	36.9 **
Women	1996 - 2000	0.7	0.0	6.7	66.8
	2001 - 2005	0.0	1.2 *	8.8	57.9
	2006 - 2010	0.0	0.9	7.0	39.0 *
	2011 - 2015	0.0	0.9	6.9	36.5
	2016 - 2019	0.0	1.9	4.0	32.0
Men	Annual trend		0.962	0.966	0.950
Women	Annual trend		1.617	0.975	0.962



European standardized rate by period

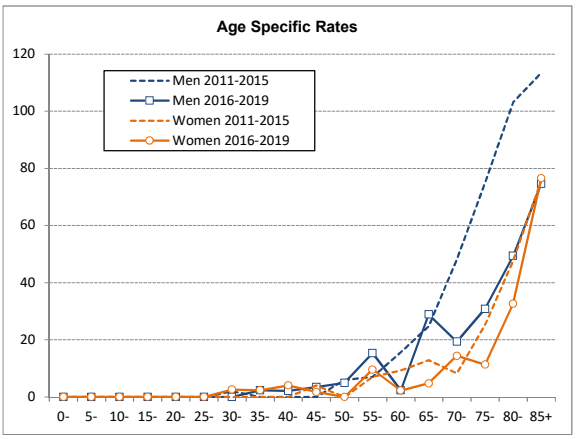
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	15.5	12.9	18.0
	2001 - 2005	9.5	7.5	11.4
	2006 - 2010	7.7	6.2	9.3
	2011 - 2015	7.9	6.4	9.4
	2016 - 2019	5.5	4.1	7.0
Women	1996 - 2000	5.7	4.4	6.9
	2001 - 2005	5.7	4.5	7.0
	2006 - 2010	4.0	3.0	5.0
	2011 - 2015	3.7	2.7	4.6
	2016 - 2019	3.4	2.3	4.4
Men	**APC**	-4.499 **		
Women	**APC**	-2.828 **		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	2.0	0.0	0.0	2.6
35-	0.0	2.4	0.0	2.3
40-	0.0	2.1	0.0	4.0
45-	0.0	3.5	4.1	1.7
50-	5.9	4.9	0.0	0.0
55-	7.1	15.4	7.0	9.6
60-	15.7	2.3	9.3	2.3
65-	24.7	28.9	12.9	4.8
70-	48.1	19.4	8.3	14.4
75-	74.9	30.9	25.2	11.3
80-	103.2	49.4	47.7	32.7
85+	113.5	74.7	75.9	76.5
Crude rate	13.2	9.3	8.6	7.9



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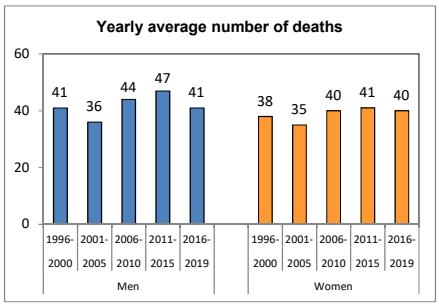
Mortality

Colon, Rectum

Ticino

Number of deaths

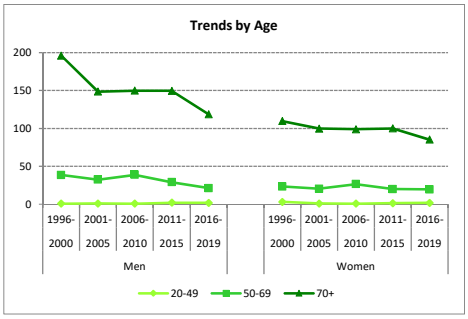
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	3	69	131	**203**	41
	2001- 2005	0	3	62	113	**178**	36
	2006- 2010	0	3	79	138	**220**	44
	2011- 2015	0	7	65	163	**235**	47
	2016- 2019	0	5	41	119	**165**	41
Women	1996 - 2000	0	11	45	133	**189**	38
	2001- 2005	0	4	42	131	**177**	35
	2006- 2010	0	3	57	142	**202**	40
	2011- 2015	0	5	46	156	**207**	41
	2016- 2019	0	5	39	117	**161**	40
Total	Total	**0**	**49**	**545**	**1'343**	**1'937**	**81**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

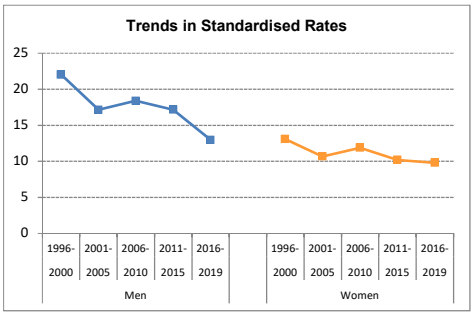
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.9	38.7	195.9
	2001 - 2005	0.0	0.9	32.5	148.5 *
	2006 - 2010	0.0	0.9	38.8	149.8
	2011 - 2015	0.0	2.0	29.1	149.6
	2016 - 2019	0.0	1.9	21.2	118.8
Women	1996 - 2000	0.0	3.2	23.3	109.6
	2001 - 2005	0.0	1.2	20.5	99.8
	2006 - 2010	0.0	0.9	26.5	99.0
	2011 - 2015	0.0	1.5	19.9	99.9
	2016 - 2019	0.0	1.9	19.6	85.2
Men	Annual trend		1.047	0.974	0.980
Women	Annual trend		0.983	0.993	0.990



European standardized rate by period

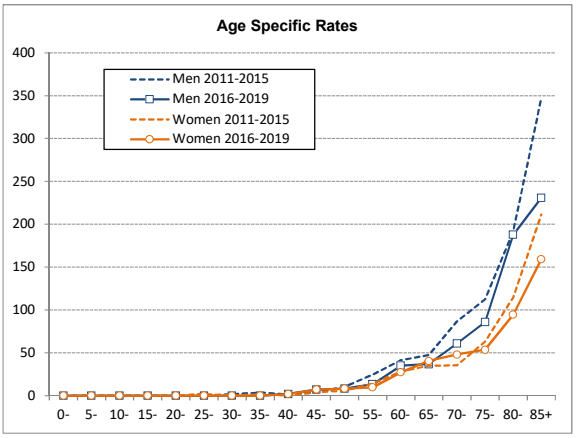
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	22.0	19.0	25.1
	2001 - 2005	17.2	14.6	19.7
	2006 - 2010	18.4	15.9	20.9
	2011 - 2015	17.2	14.9	19.4
	2016 - 2019	13.0	10.9	15.0
Women	1996 - 2000	13.1	11.0	15.1
	2001 - 2005	10.7	8.9	12.4
	2006 - 2010	11.9	10.0	13.7
	2011 - 2015	10.2	8.6	11.8
	2016 - 2019	9.8	8.1	11.5
Men	**APC**	-2.014 **		
Women	**APC**	-1.343 *		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	2.2	0.0
30-	2.0	0.0	0.0	0.0
35-	3.6	0.0	1.7	0.0
40-	1.5	2.1	0.0	2.0
45-	4.0	7.0	4.1	6.9
50-	10.4	8.2	6.0	8.3
55-	24.7	13.5	14.1	9.6
60-	41.3	35.0	28.0	27.1
65-	47.4	36.8	35.0	40.5
70-	86.6	61.0	35.3	48.0
75-	112.3	85.8	63.0	53.6
80-	191.7	187.7	114.5	94.3
85+	347.1	230.8	211.3	159.1
Crude rate	28.0	24.0	23.3	22.2



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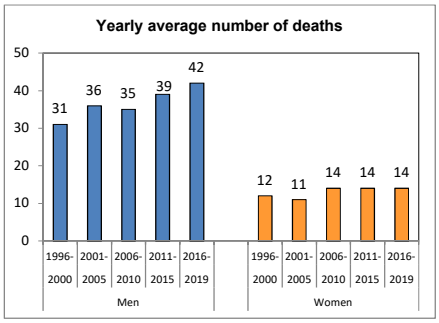
Mortality

Liver & Intrahepatic Bile Ducts

Ticino

Number of deaths

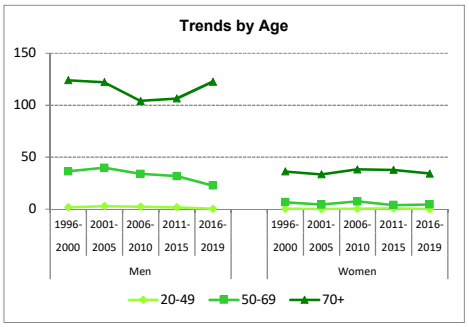
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	6	65	83	**154**	31
	2001- 2005	0	10	76	93	**179**	36
	2006- 2010	0	8	69	96	**173**	35
	2011- 2015	1	6	71	116	**194**	39
	2016- 2019	0	1	44	123	**168**	42
Women	1996 - 2000	0	1	13	44	**58**	12
	2001- 2005	0	0	9	44	**53**	11
	2006- 2010	0	1	16	55	**72**	14
	2011- 2015	0	2	9	59	**70**	14
	2016- 2019	0	0	9	47	**56**	14
Total	Total	**1**	**35**	**381**	**760**	**1'177**	**49**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

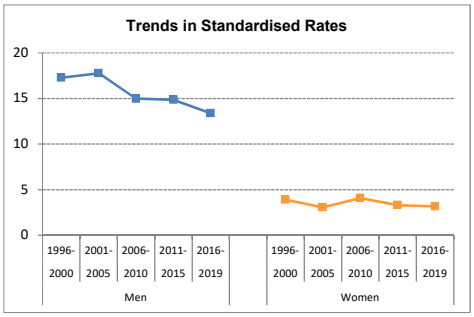
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	1.8	36.5	124.1
	2001 - 2005	0.0	3.0	39.8	122.2
	2006 - 2010	0.0	2.4	33.9	104.2
	2011 - 2015	0.6	1.8	31.8	106.5
	2016 - 2019	0.0	0.4	22.7	122.8
Women	1996 - 2000	0.0	0.3	6.7	36.3
	2001 - 2005	0.0	0.0	4.4	33.5
	2006 - 2010	0.0	0.3	7.4	38.4
	2011 - 2015	0.0	0.6	3.9	37.8
	2016 - 2019	0.0	0.0	4.5	34.2
Men	Annual trend		0.930	0.977	0.997
Women	Annual trend		0.825	0.982	1.000



European standardized rate by period

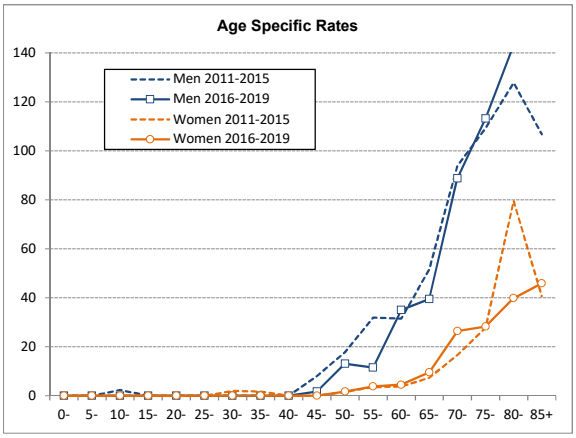
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	17.3	14.5	20.0
	2001 - 2005	17.8	15.1	20.4
	2006 - 2010	15.0	12.7	17.3
	2011 - 2015	14.9	12.7	17.0
	2016 - 2019	13.4	11.3	15.5
Women	1996 - 2000	3.9	2.8	5.0
	2001 - 2005	3.1	2.2	3.9
	2006 - 2010	4.1	3.0	5.1
	2011 - 2015	3.3	2.4	4.2
	2016 - 2019	3.2	2.3	4.1
Men	**APC**	-1.612 **		
Women	**APC**	-0.955		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	2.4	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	2.0	0.0
35-	0.0	0.0	1.7	0.0
40-	0.0	0.0	0.0	0.0
45-	8.0	1.8	0.0	0.0
50-	17.8	13.1	1.5	1.7
55-	31.8	11.5	3.5	3.8
60-	31.5	35.0	3.7	4.5
65-	51.5	39.4	7.4	9.5
70-	93.9	88.7	16.6	26.4
75-	109.2	113.2	27.7	28.2
80-	127.8	143.2	79.5	39.9
85+	106.8	196.8	40.6	45.9
Crude rate	23.1	24.4	7.9	7.7



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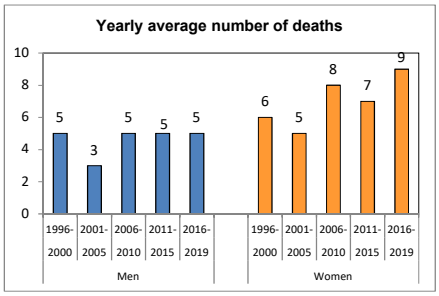
Mortality

Gallbladder & Extrahepatic Bile Tract

Ticino

Number of deaths

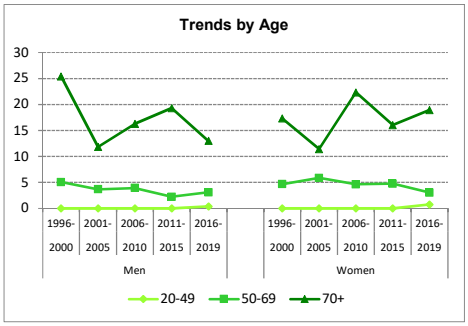
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	0	9	17	**26**	5
	2001- 2005	0	0	7	9	**16**	3
	2006- 2010	0	0	8	15	**23**	5
	2011- 2015	0	0	5	21	**26**	5
	2016- 2019	0	1	6	13	**20**	5
Women	1996 - 2000	0	0	9	21	**30**	6
	2001- 2005	0	0	12	15	**27**	5
	2006- 2010	0	0	10	32	**42**	8
	2011- 2015	0	0	11	25	**36**	7
	2016- 2019	0	2	6	26	**34**	9
Total	Total	**0**	**3**	**83**	**194**	**280**	**12**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

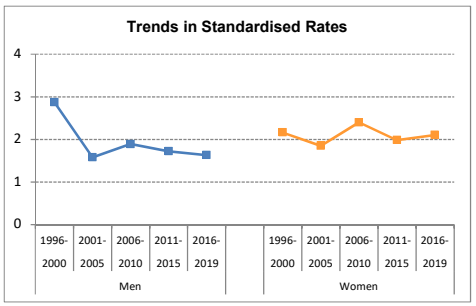
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	5.0	25.4
	2001 - 2005	0.0	0.0	3.7	11.8
	2006 - 2010	0.0	0.0	3.9	16.3
	2011 - 2015	0.0	0.0	2.2	19.3
	2016 - 2019	0.0	0.4	3.1	13.0
Women	1996 - 2000	0.0	0.0	4.7	17.3
	2001 - 2005	0.0	0.0	5.9	11.4
	2006 - 2010	0.0	0.0	4.6	22.3 *
	2011 - 2015	0.0	0.0	4.8	16.0
	2016 - 2019	0.0	0.8	3.0	18.9
Men	Annual trend		1.525	0.971	0.983
Women	Annual trend		1.568	0.979	1.010



European standardized rate by period

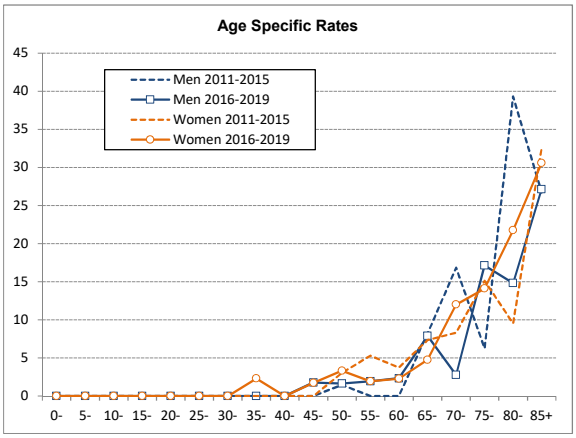
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	2.9	1.8	4.0
	2001 - 2005	1.6	0.8	2.4
	2006 - 2010	1.9	1.1	2.7
	2011 - 2015	1.7	1.0	2.4
	2016 - 2019	1.6	0.9	2.4
Women	1996 - 2000	2.2	1.3	3.0
	2001 - 2005	1.8	1.1	2.6
	2006 - 2010	2.4	1.6	3.2
	2011 - 2015	2.0	1.3	2.7
	2016 - 2019	2.1	1.3	2.9
Men	**APC**	-2.067		
Women	**APC**	-0.890		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	2.3
40-	0.0	0.0	0.0	0.0
45-	0.0	1.8	0.0	1.7
50-	1.5	1.6	3.0	3.3
55-	0.0	1.9	5.3	1.9
60-	0.0	2.3	3.7	2.3
65-	8.2	7.9	7.4	4.8
70-	16.8	2.8	8.3	12.0
75-	6.2	17.2	15.1	14.1
80-	39.3	14.8	9.5	21.8
85+	26.7	27.1	32.5	30.6
Crude rate	3.1	2.9	4.1	4.7



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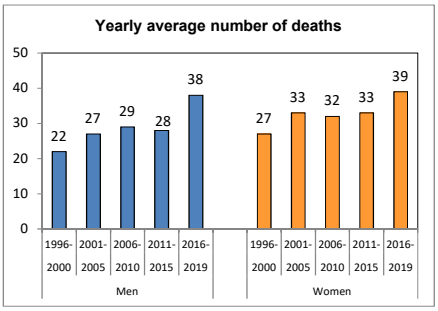
Mortality **Pancreas** Ticino

Number of deaths

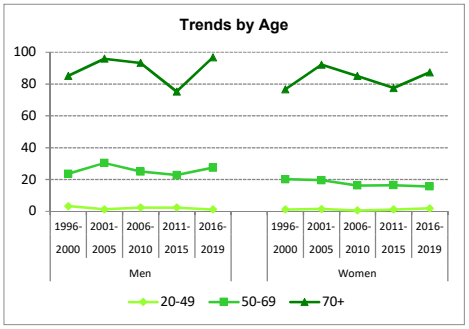
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	11	42	57	**110**	22
	2001- 2005	0	4	58	73	**135**	27
	2006- 2010	0	8	51	86	**145**	29
	2011- 2015	0	8	51	82	**141**	28
	2016- 2019	0	3	53	97	**153**	38
Women	1996 - 2000	0	4	39	93	**136**	27
	2001- 2005	0	5	40	121	**166**	33
	2006- 2010	0	2	35	122	**159**	32
	2011- 2015	0	4	38	121	**163**	33
	2016- 2019	0	5	31	120	**156**	39
Total	Total	**0**	**54**	**438**	**972**	**1'464**	**61**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

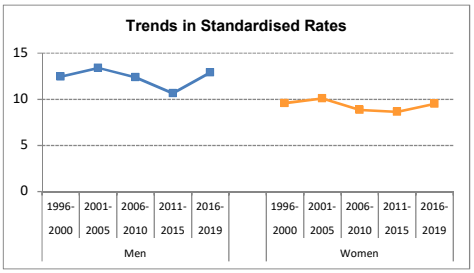
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	3.3	23.6	85.2
	2001 - 2005	0.0	1.2	30.4	96.0
	2006 - 2010	0.0	2.4	25.0	93.3
	2011 - 2015	0.0	2.3	22.8	75.3
	2016 - 2019	0.0	1.1	27.3	96.8
Women	1996 - 2000	0.0	1.2	20.2	76.7
	2001 - 2005	0.0	1.5	19.6	92.2
	2006 - 2010	0.0	0.6	16.3	85.1
	2011 - 2015	0.0	1.2	16.4	77.5
	2016 - 2019	0.0	1.9	15.6	87.3
Men	Annual trend		0.971	1.000	1.000
Women	Annual trend		1.015	0.986	1.002



European standardized rate by period

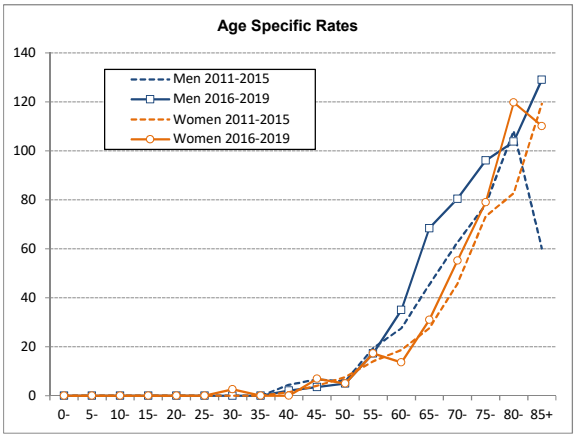
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	12.5	10.1	14.8
	2001 - 2005	13.4	11.1	15.7
	2006 - 2010	12.4	10.3	14.5
	2011 - 2015	10.7	8.9	12.5
	2016 - 2019	12.9	10.8	15.0
Women	1996 - 2000	9.6	7.8	11.3
	2001 - 2005	10.1	8.4	11.8
	2006 - 2010	8.9	7.3	10.4
	2011 - 2015	8.6	7.2	10.1
	2016 - 2019	9.5	7.8	11.2
Men	**APC**	-0.498		
Women	**APC**	-0.310		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	2.6
35-	0.0	0.0	0.0	0.0
40-	4.4	2.1	1.5	0.0
45-	6.6	3.5	4.1	6.9
50-	5.9	4.9	7.5	5.0
55-	19.4	17.3	14.1	17.2
60-	27.5	35.0	18.6	13.6
65-	45.3	68.4	27.6	31.0
70-	62.6	80.4	45.7	55.2
75-	78.0	96.0	73.1	79.0
80-	108.1	103.7	82.7	119.7
85+	60.1	129.0	119.2	110.1
Crude rate	16.8	22.2	18.4	21.5



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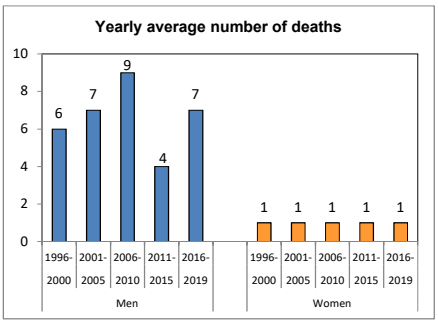
Mortality **Larynx** Ticino

Number of deaths

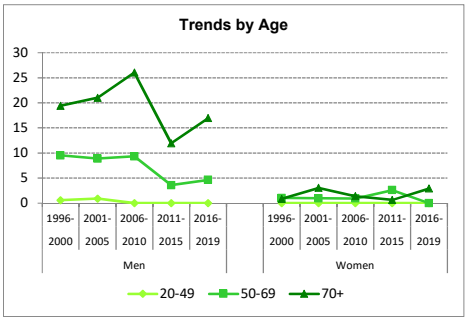
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	2	17	13	**32**	6
	2001- 2005	0	3	17	16	**36**	7
	2006- 2010	0	0	19	24	**43**	9
	2011- 2015	0	0	8	13	**21**	4
	2016- 2019	0	0	9	17	**26**	7
Women	1996 - 2000	0	0	2	1	**3**	1
	2001- 2005	0	0	2	4	**6**	1
	2006- 2010	0	0	2	2	**4**	1
	2011- 2015	0	0	6	1	**7**	1
	2016- 2019	0	0	0	4	**4**	1
Total	Total	**0**	**5**	**82**	**95**	**182**	**8**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

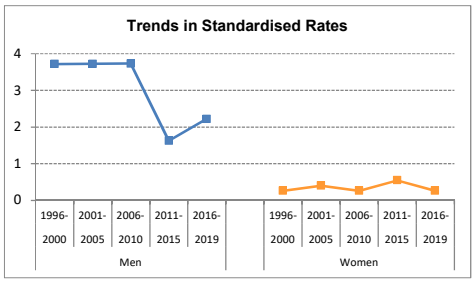
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.6	9.5	19.4
	2001 - 2005	0.0	0.9	8.9	21.0
	2006 - 2010	0.0	0.0	9.3	26.0
	2011 - 2015	0.0	0.0	3.6 *	11.9 *
	2016 - 2019	0.0	0.0	4.6	17.0
Women	1996 - 2000	0.0	0.0	1.0	0.8
	2001 - 2005	0.0	0.0	1.0	3.0
	2006 - 2010	0.0	0.0	0.9	1.4
	2011 - 2015	0.0	0.0	2.6	0.6
	2016 - 2019	0.0	0.0	0.0 *	2.9
Men	Annual trend		0.513	0.954	0.983
Women	Annual trend		1.000	0.642	1.019



European standardized rate by period

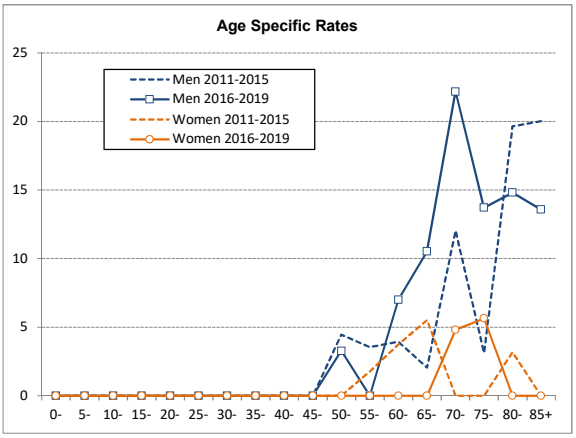
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	3.7	2.4	5.0
	2001 - 2005	3.7	2.5	5.0
	2006 - 2010	3.7	2.6	4.9
	2011 - 2015	1.6	0.9	2.3
	2016 - 2019	2.2	1.3	3.1
Women	1996 - 2000	0.3	-0.1	0.6
	2001 - 2005	0.4	0.0	0.8
	2006 - 2010	0.3	0.0	0.5
	2011 - 2015	0.5	0.1	1.0
	2016 - 2019	0.3	0.0	0.5
Men	**APC**	-3.261 *		
Women	**APC**	n.a		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	0.0	0.0	0.0
45-	0.0	0.0	0.0	0.0
50-	4.5	3.3	0.0	0.0
55-	3.5	0.0	1.8	0.0
60-	3.9	7.0	3.7	0.0
65-	2.1	10.5	5.5	0.0
70-	12.0	22.2	0.0	4.8
75-	3.1	13.7	0.0	5.6
80-	19.7	14.8	3.2	0.0
85+	20.0	13.6	0.0	0.0
Crude rate	2.5	3.8	0.8	0.6



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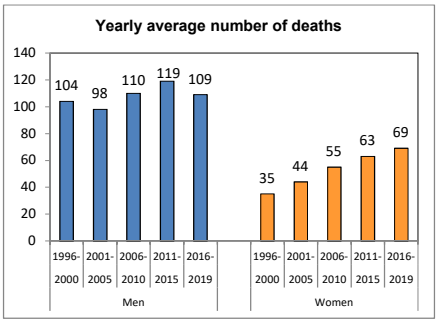
Mortality

Lung, Bronchus, Trachea

Ticino

Number of deaths

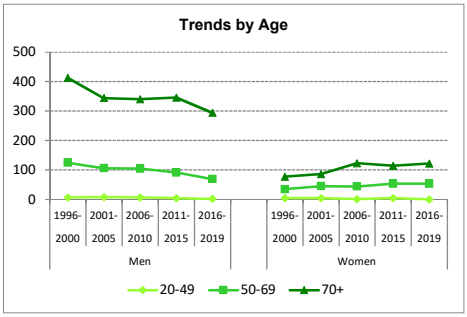
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	22	222	276	**520**	104
	2001- 2005	0	27	203	262	**492**	98
	2006- 2010	0	22	213	314	**549**	110
	2011- 2015	0	15	204	377	**596**	119
	2016- 2019	0	5	134	295	**434**	109
Women	1996 - 2000	0	15	68	94	**177**	35
	2001- 2005	0	16	93	113	**222**	44
	2006- 2010	0	5	95	176	**276**	55
	2011- 2015	0	16	123	178	**317**	63
	2016- 2019	0	1	106	168	**275**	69
Total	Total	**0**	**144**	**1'461**	**2'253**	**3'858**	**161**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

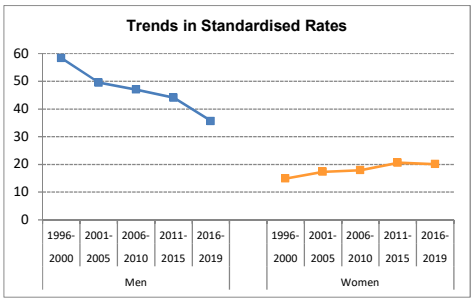
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	6.6	124.5	412.7
	2001 - 2005	0.0	8.1	106.3	344.4 *
	2006 - 2010	0.0	6.5	104.6	340.8
	2011 - 2015	0.0	4.4	91.3	346.1
	2016 - 2019	0.0	1.9	69.1 *	294.4 *
Women	1996 - 2000	0.0	4.4	35.2	77.5
	2001 - 2005	0.0	4.6	45.5	86.1
	2006 - 2010	0.0	1.4 *	44.2	122.7 **
	2011 - 2015	0.0	4.7 *	53.2	114.0
	2016 - 2019	0.0	0.4 **	53.4	122.3
Men	Annual trend		0.940	0.974	0.987
Women	Annual trend		0.907	1.020	1.024



European standardized rate by period

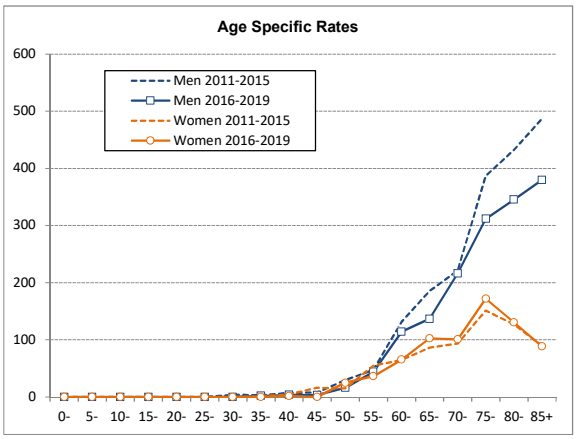
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	58.4	53.3	63.4
	2001 - 2005	49.5	45.1	53.9
	2006 - 2010	47.0	43.0	51.0
	2011 - 2015	44.1	40.5	47.8
	2016 - 2019	35.7	32.2	39.2
Women	1996 - 2000	14.9	12.5	17.2
	2001 - 2005	17.3	14.9	19.7
	2006 - 2010	17.9	15.6	20.1
	2011 - 2015	20.6	18.2	23.1
	2016 - 2019	20.1	17.5	22.7
Men	**APC**	-2.121 **		
Women	**APC**	1.314 *		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	4.1	0.0	0.0	0.0
35-	3.6	2.4	1.7	0.0
40-	7.4	4.2	4.4	2.0
45-	8.0	3.5	16.2	0.0
50-	29.7	16.4	15.0	25.0
55-	47.7	44.3	54.6	36.4
60-	131.8	114.4	65.2	65.5
65-	185.3	136.7	86.5	102.5
70-	221.4	216.3	93.5	100.8
75-	387.0	312.1	151.3	172.0
80-	432.5	345.8	127.2	130.6
85+	487.3	380.1	89.4	88.7
Crude rate	71.0	63.0	35.7	38.0



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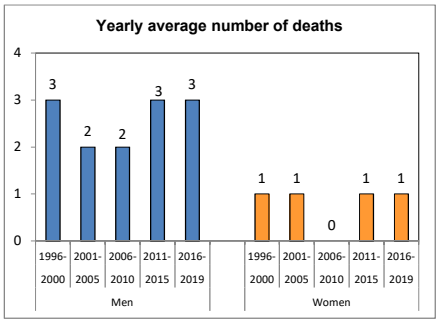
Mortality **Pleura** Ticino

Number of deaths

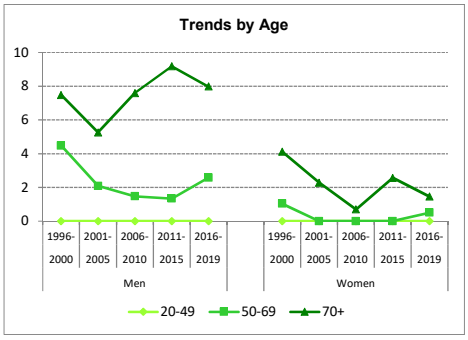
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	0	8	5	**13**	3
	2001- 2005	0	0	4	4	**8**	2
	2006- 2010	0	0	3	7	**10**	2
	2011- 2015	0	0	3	10	**13**	3
	2016- 2019	0	0	5	8	**13**	3
Women	1996 - 2000	0	0	2	5	**7**	1
	2001- 2005	0	0	0	3	**3**	1
	2006- 2010	0	0	0	1	**1**	0
	2011- 2015	0	0	0	4	**4**	1
	2016- 2019	0	0	1	2	**3**	1
Total	Total	**0**	**0**	**26**	**49**	**75**	**3**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

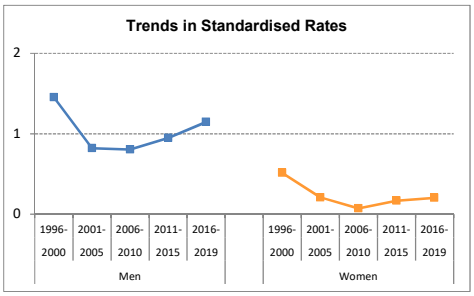
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	4.5	7.5
	2001 - 2005	0.0	0.0	2.1	5.3
	2006 - 2010	0.0	0.0	1.5	7.6
	2011 - 2015	0.0	0.0	1.3	9.2
	2016 - 2019	0.0	0.0	2.6	8.0
Women	1996 - 2000	0.0	0.0	1.0	4.1
	2001 - 2005	0.0	0.0	0.0	2.3
	2006 - 2010	0.0	0.0	0.0	0.7
	2011 - 2015	0.0	0.0	0.0	2.6
	2016 - 2019	0.0	0.0	0.5	1.5
Men	Annual trend		1.000	0.969	1.014
Women	Annual trend		1.000	0.972	0.961



European standardized rate by period

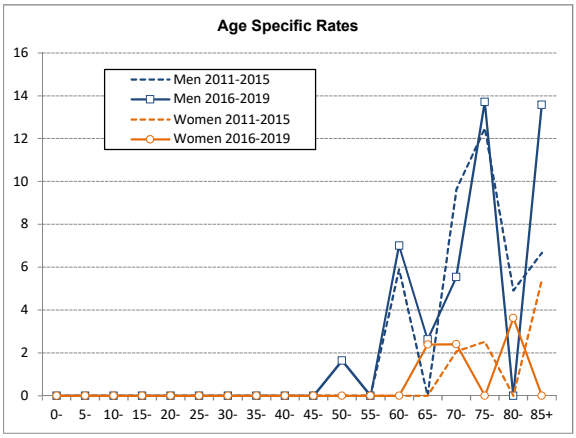
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	1.5	0.7	2.3
	2001 - 2005	0.8	0.3	1.4
	2006 - 2010	0.8	0.3	1.3
	2011 - 2015	0.9	0.4	1.5
	2016 - 2019	1.1	0.5	1.8
Women	1996 - 2000	0.5	0.1	0.9
	2001 - 2005	0.2	0.0	0.4
	2006 - 2010	0.1	-0.1	0.2
	2011 - 2015	0.2	0.0	0.3
	2016 - 2019	0.2	0.0	0.4
Men	**APC**	n.a		
Women	**APC**	n.a		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	0.0	0.0	0.0
45-	0.0	0.0	0.0	0.0
50-	0.0	1.6	0.0	0.0
55-	0.0	0.0	0.0	0.0
60-	5.9	7.0	0.0	0.0
65-	0.0	2.6	0.0	2.4
70-	9.6	5.5	2.1	2.4
75-	12.5	13.7	2.5	0.0
80-	4.9	0.0	0.0	3.6
85+	6.7	13.6	5.4	0.0
Crude rate	1.5	1.9	0.5	0.4



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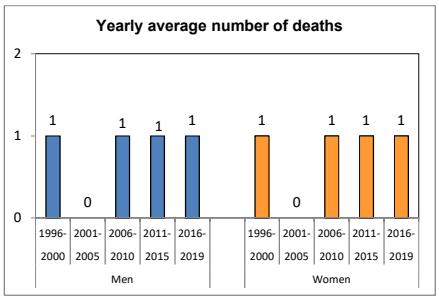
Mortality

Bones, Joints, Cartilage

Ticino

Number of deaths

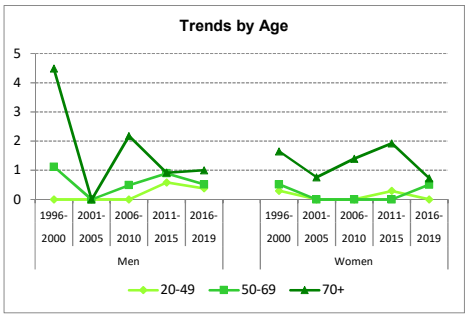
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	0	2	3	**5**	1
	2001- 2005	0	0	0	0	**0**	0
	2006- 2010	0	0	1	2	**3**	1
	2011- 2015	0	2	2	1	**5**	1
	2016- 2019	0	1	1	1	**3**	1
Women	1996 - 2000	0	1	1	2	**4**	1
	2001- 2005	1	0	0	1	**2**	0
	2006- 2010	1	0	0	2	**3**	1
	2011- 2015	0	1	0	3	**4**	1
	2016- 2019	2	0	1	1	**4**	1
Total	Total	**4**	**5**	**8**	**16**	**33**	**1**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

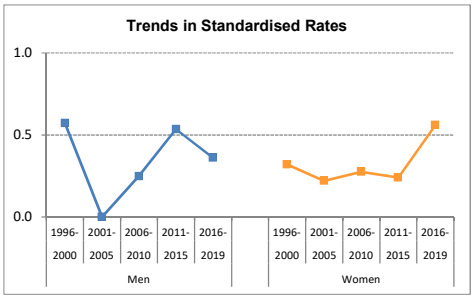
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	1.1	4.5
	2001 - 2005	0.0	0.0	0.0	0.0
	2006 - 2010	0.0	0.0	0.5	2.2
	2011 - 2015	0.0	0.6	0.9	0.9
	2016 - 2019	0.0	0.4	0.5	1.0
Women	1996 - 2000	0.0	0.3	0.5	1.6
	2001 - 2005	0.7	0.0	0.0	0.8
	2006 - 2010	0.7	0.0	0.0	1.4
	2011 - 2015	0.0	0.3	0.0	1.9
	2016 - 2019	1.6	0.0	0.5	0.7
Men	Annual trend		1.899	1.218	1.183
Women	Annual trend		0.814	0.999	0.986



European standardized rate by period

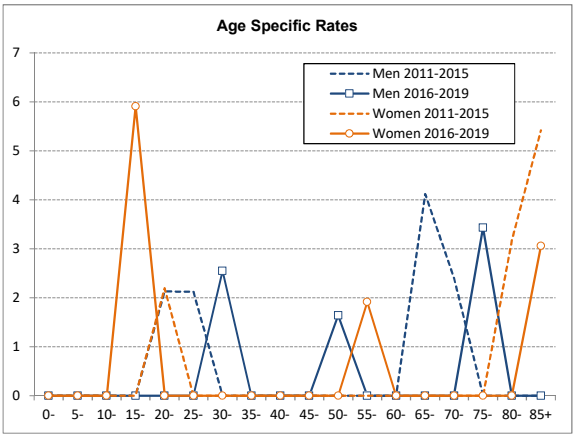
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	0.6	0.1	1.1
	2001 - 2005	0.0	0.0	0.0
	2006 - 2010	0.2	0.0	0.5
	2011 - 2015	0.5	0.0	1.0
	2016 - 2019	0.4	-0.1	0.8
Women	1996 - 2000	0.3	0.0	0.7
	2001 - 2005	0.2	-0.1	0.6
	2006 - 2010	0.3	-0.1	0.6
	2011 - 2015	0.2	-0.1	0.6
	2016 - 2019	0.6	-0.1	1.2
Men	**APC**	n.a		
Women	**APC**	n.a		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	5.9
20-	2.1	0.0	2.2	0.0
25-	2.1	0.0	0.0	0.0
30-	0.0	2.6	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	0.0	0.0	0.0
45-	0.0	0.0	0.0	0.0
50-	0.0	1.6	0.0	0.0
55-	0.0	0.0	0.0	1.9
60-	0.0	0.0	0.0	0.0
65-	4.1	0.0	0.0	0.0
70-	2.4	0.0	0.0	0.0
75-	0.0	3.4	0.0	0.0
80-	0.0	0.0	3.2	0.0
85+	0.0	0.0	5.4	3.1
Crude rate	0.6	0.4	0.5	0.6



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Repubblica e Cantone Ticino

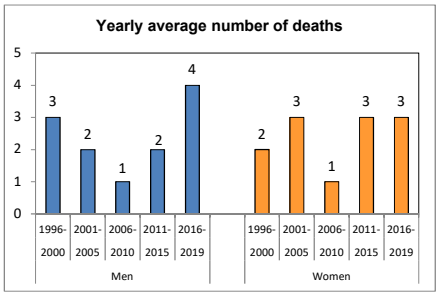
Mortality

Soft Tissues

Ticino

Number of deaths

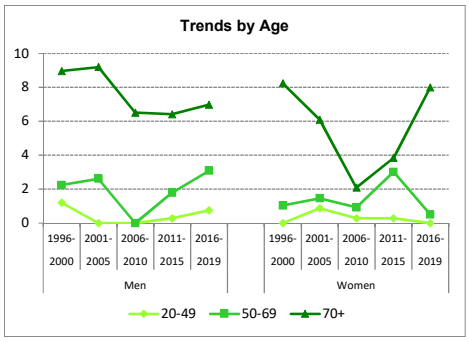
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	4	4	6	**14**	3
	2001- 2005	0	0	5	7	**12**	2
	2006- 2010	0	0	0	6	**6**	1
	2011- 2015	0	1	4	7	**12**	2
	2016- 2019	0	2	6	7	**15**	4
Women	1996 - 2000	0	0	2	10	**12**	2
	2001- 2005	0	3	3	8	**14**	3
	2006- 2010	0	1	2	3	**6**	1
	2011- 2015	0	1	7	6	**14**	3
	2016- 2019	0	0	1	11	**12**	3
Total	Total	**0**	**12**	**34**	**71**	**117**	**5**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

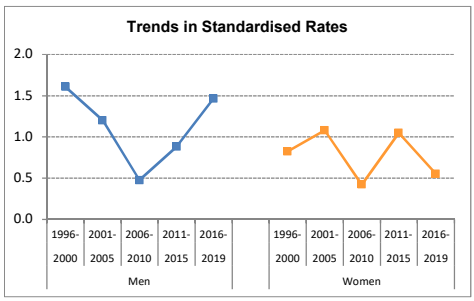
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	1.2	2.2	9.0
	2001 - 2005	0.0	0.0 *	2.6	9.2
	2006 - 2010	0.0	0.0	0.0 *	6.5
	2011 - 2015	0.0	0.3	1.8	6.4
	2016 - 2019	0.0	0.8	3.1	7.0
Women	1996 - 2000	0.0	0.0	1.0	8.2
	2001 - 2005	0.0	0.9	1.5	6.1
	2006 - 2010	0.0	0.3	0.9	2.1
	2011 - 2015	0.0	0.3	3.0	3.8
	2016 - 2019	0.0	0.0	0.5	8.0
Men	Annual trend		1.206	1.005	0.983
Women	Annual trend		0.978	0.986	0.990



European standardized rate by period

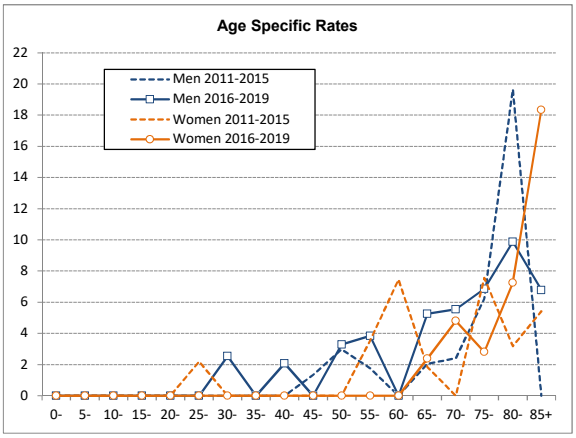
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	1.6	0.8	2.5
	2001 - 2005	1.2	0.5	1.9
	2006 - 2010	0.5	0.1	0.9
	2011 - 2015	0.9	0.4	1.4
	2016 - 2019	1.5	0.7	2.3
Women	1996 - 2000	0.8	0.3	1.3
	2001 - 2005	1.1	0.5	1.7
	2006 - 2010	0.4	0.1	0.8
	2011 - 2015	1.0	0.4	1.7
	2016 - 2019	0.6	0.2	0.9
Men	**APC**	n.a		
Women	**APC**	n.a		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	2.2	0.0
30-	0.0	2.6	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	2.1	0.0	0.0
45-	1.3	0.0	0.0	0.0
50-	3.0	3.3	0.0	0.0
55-	1.8	3.8	3.5	0.0
60-	0.0	0.0	7.5	0.0
65-	2.1	5.3	1.8	2.4
70-	2.4	5.5	0.0	4.8
75-	6.2	6.9	7.6	2.8
80-	19.7	9.9	3.2	7.3
85+	0.0	6.8	5.4	18.4
Crude rate	1.4	2.2	1.6	1.7



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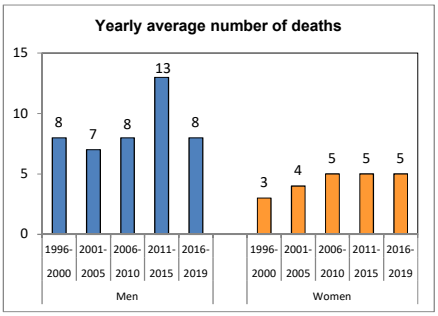
Mortality

Skin Melanoma

Ticino

Number of deaths

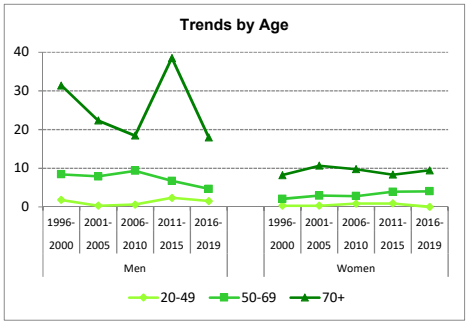
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	6	15	21	**42**	8
	2001- 2005	0	1	15	17	**33**	7
	2006- 2010	0	2	19	17	**38**	8
	2011- 2015	0	8	15	42	**65**	13
	2016- 2019	0	4	9	18	**31**	8
Women	1996 - 2000	0	1	4	10	**15**	3
	2001- 2005	1	1	6	14	**22**	4
	2006- 2010	0	3	6	14	**23**	5
	2011- 2015	0	3	9	13	**25**	5
	2016- 2019	0	0	8	13	**21**	5
Total	Total	**1**	**29**	**106**	**179**	**315**	**13**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

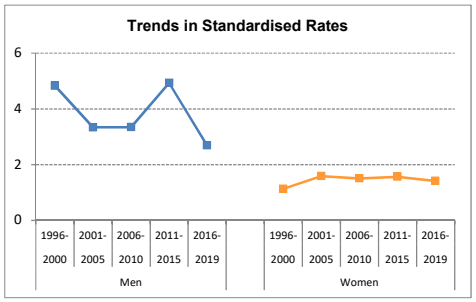
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	1.8	8.4	31.4
	2001 - 2005	0.0	0.3	7.9	22.3
	2006 - 2010	0.0	0.6	9.3	18.4
	2011 - 2015	0.0	2.3	6.7	38.6 **
	2016 - 2019	0.0	1.5	4.6	18.0 **
Women	1996 - 2000	0.0	0.3	2.1	8.2
	2001 - 2005	0.7	0.3	2.9	10.7
	2006 - 2010	0.0	0.9	2.8	9.8
	2011 - 2015	0.0	0.9	3.9	8.3
	2016 - 2019	0.0	0.0	4.0	9.5
Men	Annual trend		1.035	0.973	0.989
Women	Annual trend		0.677	1.033	1.001



European standardized rate by period

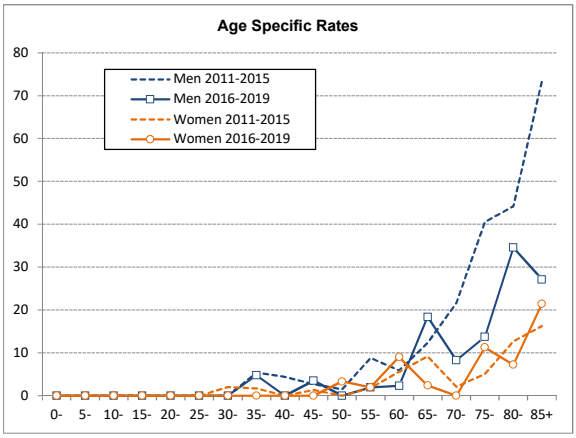
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	4.8	3.4	6.3
	2001 - 2005	3.3	2.2	4.5
	2006 - 2010	3.3	2.3	4.4
	2011 - 2015	4.9	3.7	6.2
	2016 - 2019	2.7	1.7	3.7
Women	1996 - 2000	1.1	0.5	1.8
	2001 - 2005	1.6	0.8	2.3
	2006 - 2010	1.5	0.8	2.2
	2011 - 2015	1.6	0.9	2.2
	2016 - 2019	1.4	0.7	2.1
Men	**APC**	-1.073		
Women	**APC**	0.681		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	2.0	0.0
35-	5.3	4.8	1.7	0.0
40-	4.4	0.0	0.0	0.0
45-	2.7	3.5	1.4	0.0
50-	1.5	0.0	0.0	3.3
55-	8.8	1.9	1.8	1.9
60-	5.9	2.3	5.6	9.0
65-	12.4	18.4	9.2	2.4
70-	21.7	8.3	2.1	0.0
75-	40.6	13.7	5.0	11.3
80-	44.2	34.6	12.7	7.3
85+	73.4	27.1	16.3	21.4
Crude rate	7.7	4.5	2.8	2.9



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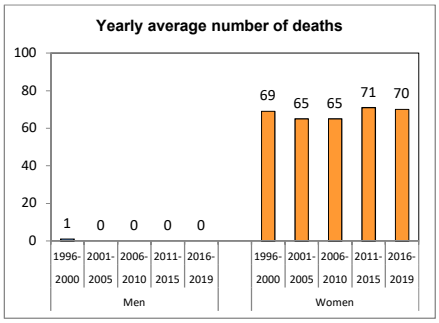
Mortality **Breast** Ticino

Number of deaths

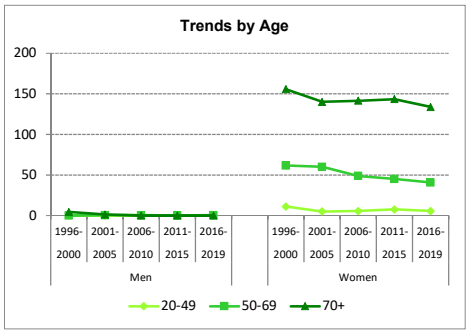
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	0	0	3	**3**	1
	2001- 2005	0	0	1	1	**2**	0
	2006- 2010	0	0	1	0	**1**	0
	2011- 2015	0	0	0	0	**0**	0
	2016- 2019	0	0	1	0	**1**	0
Women	1996 - 2000	0	38	119	189	**346**	69
	2001- 2005	0	17	123	184	**324**	65
	2006- 2010	0	19	105	203	**327**	65
	2011- 2015	0	26	104	224	**354**	71
	2016- 2019	0	15	81	184	**280**	70
Total	Total	**0**	**115**	**535**	**988**	**1'638**	**68**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

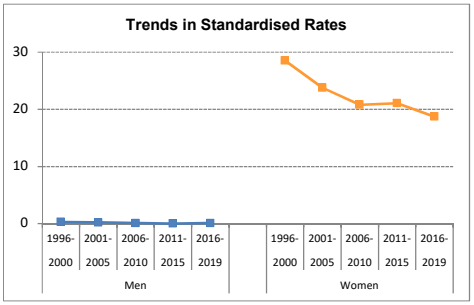
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	0.0	4.5
	2001 - 2005	0.0	0.0	0.5	1.3
	2006 - 2010	0.0	0.0	0.5	0.0
	2011 - 2015	0.0	0.0	0.0	0.0
	2016 - 2019	0.0	0.0	0.5	0.0
Women	1996 - 2000	0.0	11.2	61.6	155.8
	2001 - 2005	0.0	4.9 **	60.2	140.2
	2006 - 2010	0.0	5.5	48.8	141.6
	2011 - 2015	0.0	7.6	45.0	143.5
	2016 - 2019	0.0	5.7	40.8	133.9
Men	Annual trend		1.000	1.242	0.469
Women	Annual trend		0.982	0.978	0.994



European standardized rate by period

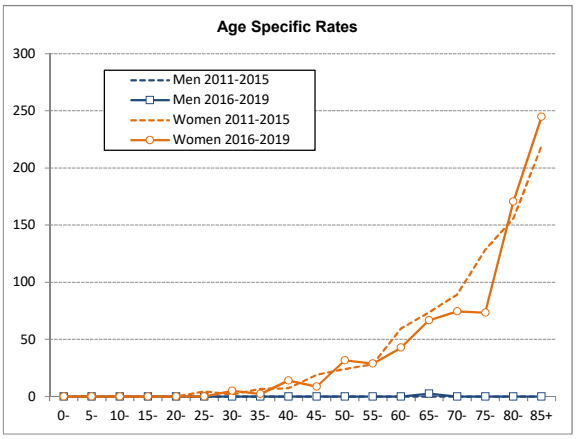
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	0.3	0.0	0.6
	2001 - 2005	0.2	-0.1	0.5
	2006 - 2010	0.1	-0.1	0.3
	2011 - 2015	0.0	0.0	0.0
	2016 - 2019	0.1	-0.1	0.3
Women	1996 - 2000	28.5	25.3	31.8
	2001 - 2005	23.8	21.0	26.6
	2006 - 2010	20.8	18.3	23.3
	2011 - 2015	21.1	18.6	23.5
	2016 - 2019	18.7	16.2	21.2
Men	**APC**	n.a		
Women	**APC**	-1.961 **		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	4.4	0.0
30-	0.0	0.0	2.0	5.2
35-	0.0	0.0	6.8	2.3
40-	0.0	0.0	7.3	14.0
45-	0.0	0.0	18.9	8.7
50-	0.0	0.0	24.1	31.6
55-	0.0	0.0	28.2	28.7
60-	0.0	0.0	59.6	42.9
65-	0.0	2.6	73.6	66.8
70-	0.0	0.0	89.4	74.4
75-	0.0	0.0	128.6	73.3
80-	0.0	0.0	155.9	170.5
85+	0.0	0.0	219.4	244.7
Crude rate	0.0	0.1	39.9	38.7



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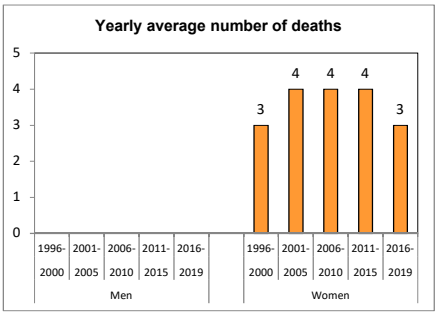
Mortality

Cervix Uteri

Ticino

Number of deaths

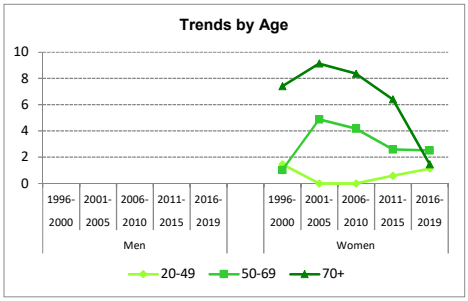
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000						
	2001- 2005						
	2006- 2010						
	2011- 2015						
	2016- 2019						
Women	1996 - 2000	0	5	2	9	**16**	3
	2001- 2005	0	0	10	12	**22**	4
	2006- 2010	0	0	9	12	**21**	4
	2011- 2015	0	2	6	10	**18**	4
	2016- 2019	0	3	5	2	**10**	3
Total	Total	**0**	**10**	**32**	**45**	**87**	**4**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

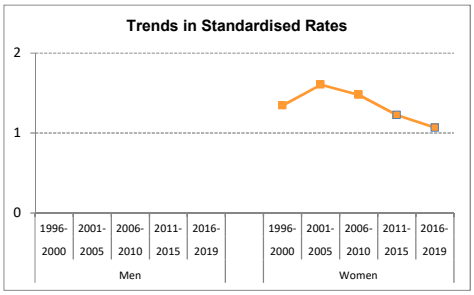
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000				
	2001 - 2005				
	2006 - 2010				
	2011 - 2015				
	2016 - 2019				
Women	1996 - 2000	0.0	1.5	1.0	7.4
	2001 - 2005	0.0	0.0 *	4.9 *	9.1
	2006 - 2010	0.0	0.0	4.2	8.4
	2011 - 2015	0.0	0.6	2.6	6.4
	2016 - 2019	0.0	1.1	2.5	1.5 *
Men	Annual trend				
Women	Annual trend		1.233	1.023	0.930



European standardized rate by period

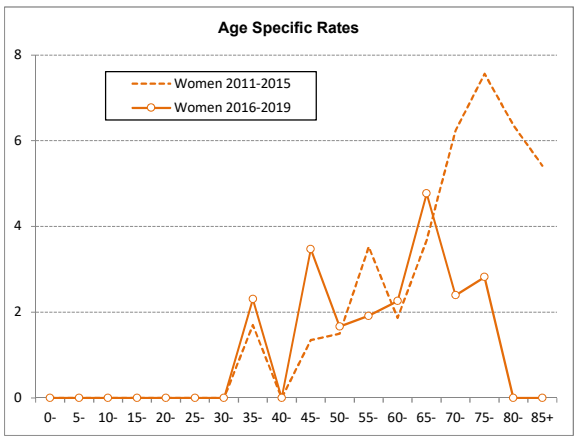
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000			
	2001 - 2005			
	2006 - 2010			
	2011 - 2015			
	2016 - 2019			
Women	1996 - 2000	1.3	0.6	2.1
	2001 - 2005	1.6	0.9	2.3
	2006 - 2010	1.5	0.8	2.2
	2011 - 2015	1.2	0.6	1.8
	2016 - 2019	1.1	0.4	1.8
Men	**APC**			
Women	**APC**	n.a		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-			0.0	0.0
5-			0.0	0.0
10-			0.0	0.0
15-			0.0	0.0
20-			0.0	0.0
25-			0.0	0.0
30-			0.0	0.0
35-			1.7	2.3
40-			0.0	0.0
45-			1.4	3.5
50-			1.5	1.7
55-			3.5	1.9
60-			1.9	2.3
65-			3.7	4.8
70-			6.2	2.4
75-			7.6	2.8
80-			6.4	0.0
85+			5.4	0.0
Crude rate			2.0	1.4



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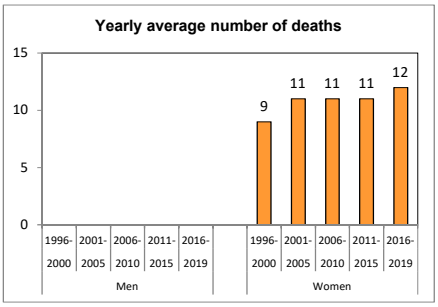
Mortality

Corpus Uteri & NOS

Ticino

Number of deaths

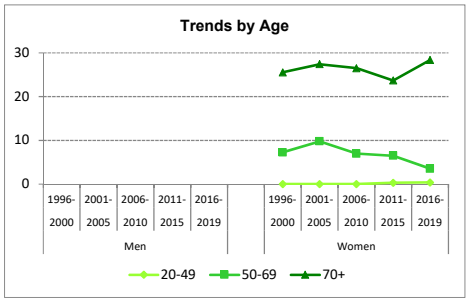
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000						
	2001- 2005						
	2006- 2010						
	2011- 2015						
	2016- 2019						
Women	1996 - 2000	0	0	14	31	**45**	9
	2001- 2005	0	0	20	36	**56**	11
	2006- 2010	0	0	15	38	**53**	11
	2011- 2015	0	1	15	37	**53**	11
	2016- 2019	0	1	7	39	**47**	12
Total	Total	**0**	**2**	**71**	**181**	**254**	**11**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

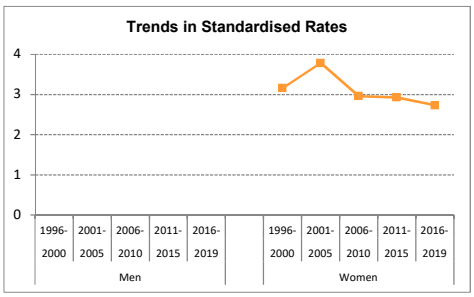
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000				
	2001 - 2005				
	2006 - 2010				
	2011 - 2015				
	2016 - 2019				
Women	1996 - 2000	0.0	0.0	7.3	25.6
	2001 - 2005	0.0	0.0	9.8	27.4
	2006 - 2010	0.0	0.0	7.0	26.5
	2011 - 2015	0.0	0.3	6.5	23.7
	2016 - 2019	0.0	0.4	3.5	28.4
Men	Annual trend				
Women	Annual trend		1.873	0.964	1.001



European standardized rate by period

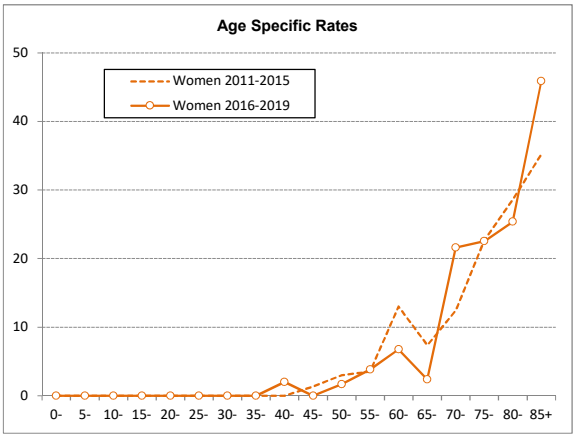
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000			
	2001 - 2005			
	2006 - 2010			
	2011 - 2015			
	2016 - 2019			
Women	1996 - 2000	3.2	2.1	4.2
	2001 - 2005	3.8	2.7	4.9
	2006 - 2010	3.0	2.1	3.9
	2011 - 2015	2.9	2.1	3.8
	2016 - 2019	2.7	1.9	3.6
Men	**APC**			
Women	**APC**	-0.961		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-			0.0	0.0
5-			0.0	0.0
10-			0.0	0.0
15-			0.0	0.0
20-			0.0	0.0
25-			0.0	0.0
30-			0.0	0.0
35-			0.0	0.0
40-			0.0	2.0
45-			1.4	0.0
50-			3.0	1.7
55-			3.5	3.8
60-			13.0	6.8
65-			7.4	2.4
70-			12.5	21.6
75-			22.7	22.6
80-			28.6	25.4
85+			35.2	45.9
Crude rate			6.0	6.5



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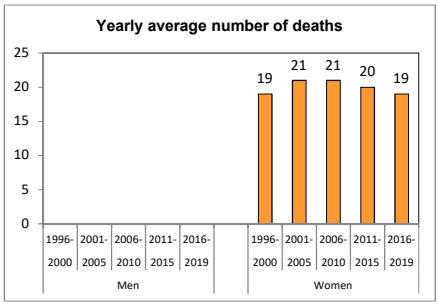
Mortality **Ovary** Ticino

Number of deaths

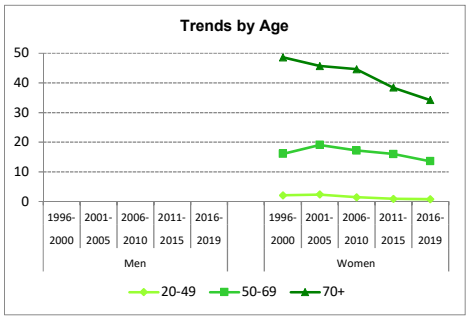
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000						
	2001- 2005						
	2006- 2010						
	2011- 2015						
	2016- 2019						
Women	1996 - 2000	0	7	31	59	**97**	**19**
	2001- 2005	0	8	39	60	**107**	**21**
	2006- 2010	0	5	37	64	**106**	**21**
	2011- 2015	0	3	37	60	**100**	**20**
	2016- 2019	0	2	27	47	**76**	**19**
Total	Total	**0**	**25**	**171**	**290**	**486**	**20**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

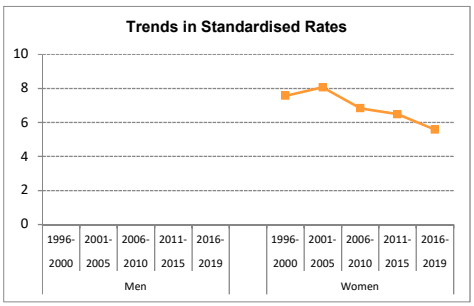
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000				
	2001 - 2005				
	2006 - 2010				
	2011 - 2015				
	2016 - 2019				
Women	1996 - 2000	0.0	**2.1**	**16.1**	**48.6**
	2001 - 2005	0.0	**2.3**	**19.1**	**45.7**
	2006 - 2010	0.0	**1.4**	**17.2**	**44.6**
	2011 - 2015	0.0	**0.9**	**16.0**	**38.4**
	2016 - 2019	0.0	**0.8**	**13.6**	**34.2**
Men	Annual trend				
Women	Annual trend		0.942	0.990	0.983



European standardized rate by period

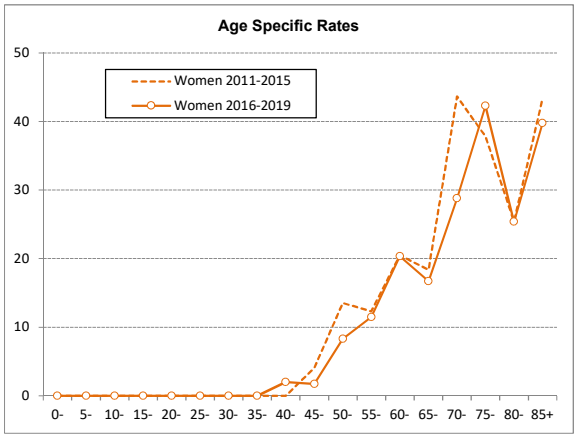
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000			
	2001 - 2005			
	2006 - 2010			
	2011 - 2015			
	2016 - 2019			
Women	1996 - 2000	**7.6**	5.9	9.2
	2001 - 2005	**8.1**	6.4	9.7
	2006 - 2010	**6.8**	5.4	8.3
	2011 - 2015	**6.5**	5.1	7.9
	2016 - 2019	**5.6**	4.2	7.0
Men	**APC**			
Women	**APC**	**-1.700 ***		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-			0.0	0.0
5-			0.0	0.0
10-			0.0	0.0
15-			0.0	0.0
20-			0.0	0.0
25-			0.0	0.0
30-			0.0	0.0
35-			0.0	0.0
40-			0.0	2.0
45-			4.1	1.7
50-			13.5	8.3
55-			12.3	11.5
60-			20.5	20.3
65-			18.4	16.7
70-			43.7	28.8
75-			37.8	42.3
80-			25.4	25.4
85+			43.3	39.8
Crude rate			11.3	10.5



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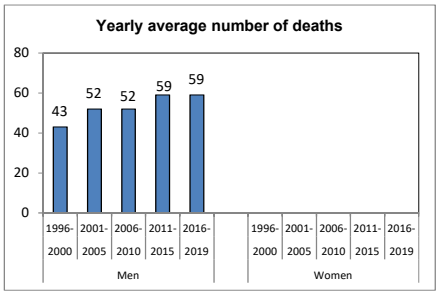
Mortality

Prostate

Ticino

Number of deaths

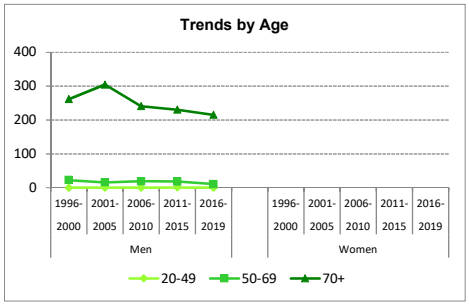
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	0	40	175	**215**	43
	2001- 2005	0	0	30	232	**262**	52
	2006- 2010	0	0	39	222	**261**	52
	2011- 2015	0	2	40	251	**293**	59
	2016- 2019	0	0	21	216	**237**	59
Women	1996 - 2000						
	2001- 2005						
	2006- 2010						
	2011- 2015						
	2016- 2019						
Total	Total	**0**	**2**	**170**	**1'096**	**1'268**	**53**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

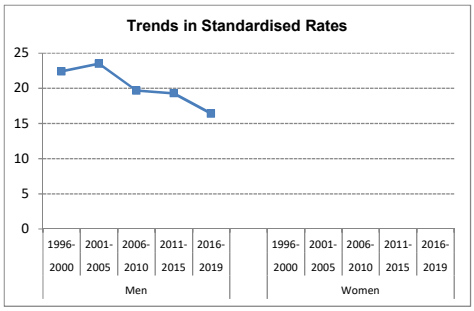
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	22.4	261.7
	2001 - 2005	0.0	0.0	15.7	304.9
	2006 - 2010	0.0	0.0	19.2	240.9 *
	2011 - 2015	0.0	0.6	17.9	230.4
	2016 - 2019	0.0	0.0	10.8	215.6
Women	1996 - 2000				
	2001 - 2005				
	2006 - 2010				
	2011 - 2015				
	2016 - 2019				
Men	Annual trend		1.245	0.974	0.987
Women	Annual trend				



European standardized rate by period

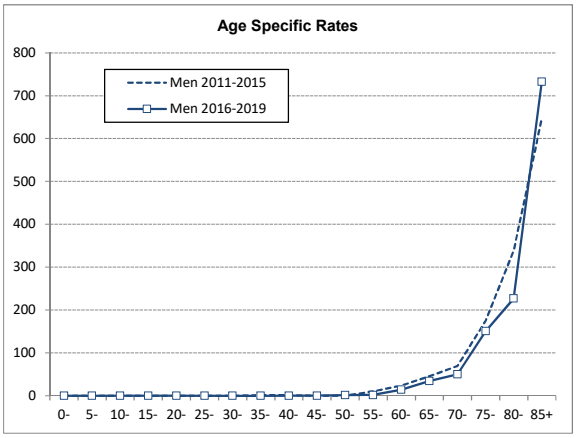
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	22.4	19.4	25.4
	2001 - 2005	23.5	20.6	26.4
	2006 - 2010	19.7	17.3	22.1
	2011 - 2015	19.3	17.1	21.6
	2016 - 2019	16.4	14.3	18.6
Women	1996 - 2000			
	2001 - 2005			
	2006 - 2010			
	2011 - 2015			
	2016 - 2019			
Men	**APC**	-1.686 **		
Women	**APC**			



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0		
5-	0.0	0.0		
10-	0.0	0.0		
15-	0.0	0.0		
20-	0.0	0.0		
25-	0.0	0.0		
30-	0.0	0.0		
35-	1.8	0.0		
40-	1.5	0.0		
45-	0.0	0.0		
50-	0.0	1.6		
55-	10.6	1.9		
60-	23.6	14.0		
65-	45.3	34.2		
70-	69.8	49.9		
75-	174.8	150.9		
80-	339.1	227.2		
85+	647.4	733.0		
Crude rate	34.9	34.4		



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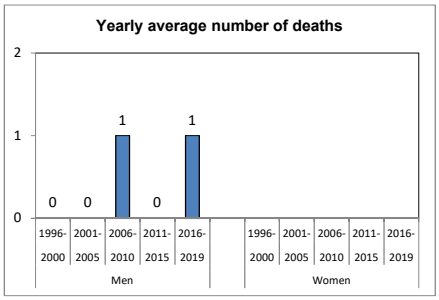
Mortality **Testis** Ticino

Number of deaths

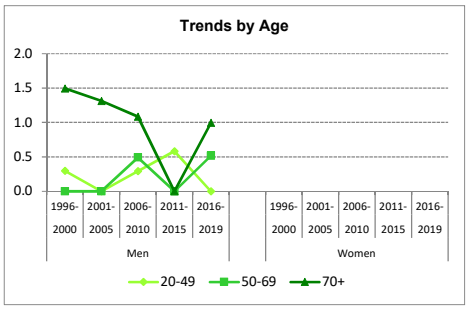
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	1	0	1	**2**	0
	2001- 2005	0	0	0	1	**1**	0
	2006- 2010	0	1	1	1	**3**	1
	2011- 2015	0	2	0	0	**2**	0
	2016- 2019	0	0	1	1	**2**	1
Women	1996 - 2000						
	2001- 2005						
	2006- 2010						
	2011- 2015						
	2016- 2019						
Total	Total	**0**	**4**	**2**	**4**	**10**	**0**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

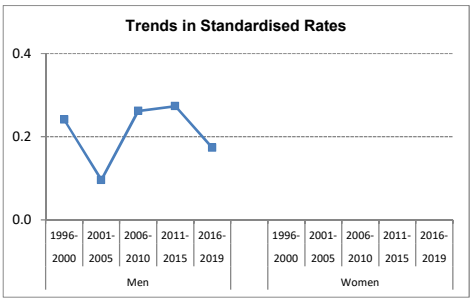
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.3	0.0	1.5
	2001 - 2005	0.0	0.0	0.0	1.3
	2006 - 2010	0.0	0.3	0.5	1.1
	2011 - 2015	0.0	0.6	0.0	0.0
	2016 - 2019	0.0	0.0	0.5	1.0
Women	1996 - 2000				
	2001 - 2005				
	2006 - 2010				
	2011 - 2015				
	2016 - 2019				
Men	Annual trend		0.825	1.543	0.777
Women	Annual trend				



European standardized rate by period

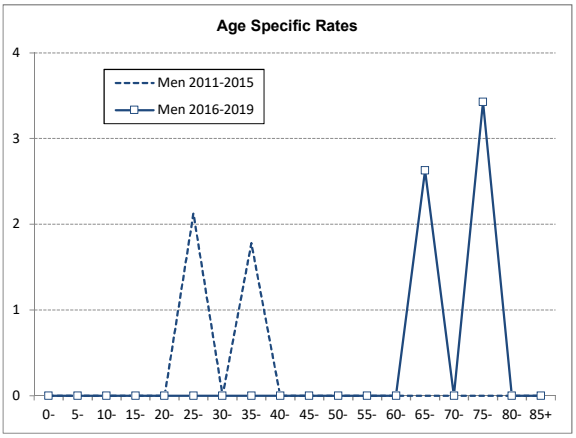
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	0.2	-0.1	0.6
	2001 - 2005	0.1	-0.1	0.3
	2006 - 2010	0.3	0.0	0.6
	2011 - 2015	0.3	-0.1	0.7
	2016 - 2019	0.2	-0.1	0.4
Women	1996 - 2000			
	2001 - 2005			
	2006 - 2010			
	2011 - 2015			
	2016 - 2019			
Men	**APC**	n.a		
Women	**APC**			



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0		
5-	0.0	0.0		
10-	0.0	0.0		
15-	0.0	0.0		
20-	0.0	0.0		
25-	2.1	0.0		
30-	0.0	0.0		
35-	1.8	0.0		
40-	0.0	0.0		
45-	0.0	0.0		
50-	0.0	0.0		
55-	0.0	0.0		
60-	0.0	0.0		
65-	0.0	2.6		
70-	0.0	0.0		
75-	0.0	3.4		
80-	0.0	0.0		
85+	0.0	0.0		
Crude rate	0.2	0.3		



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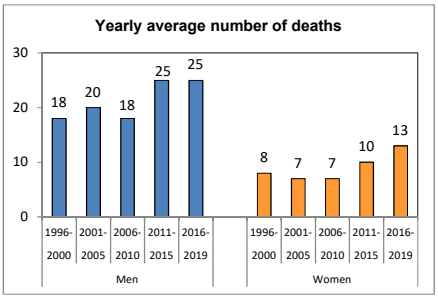
Mortality **Bladder** Ticino

Number of deaths

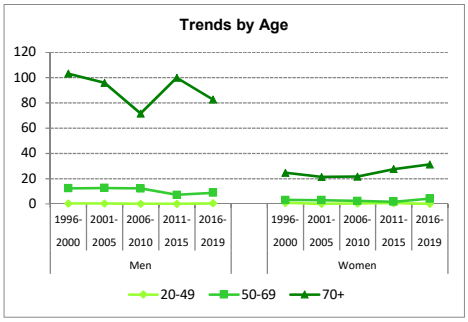
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	1	22	69	**92**	18
	2001- 2005	0	1	24	73	**98**	20
	2006- 2010	0	0	25	66	**91**	18
	2011- 2015	0	0	16	109	**125**	25
	2016- 2019	0	1	17	83	**101**	25
Women	1996 - 2000	0	3	6	30	**39**	8
	2001- 2005	0	0	6	28	**34**	7
	2006- 2010	0	1	5	31	**37**	7
	2011- 2015	0	2	4	43	**49**	10
	2016- 2019	0	0	8	43	**51**	13
Total	Total	**0**	**9**	**133**	**575**	**717**	**30**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

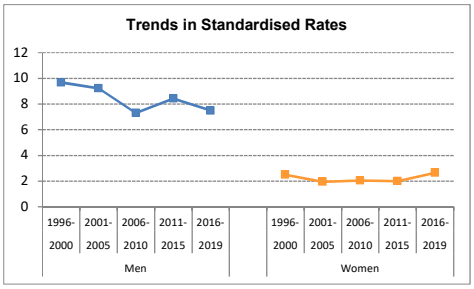
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.3	12.3	103.2
	2001 - 2005	0.0	0.3	12.6	96.0
	2006 - 2010	0.0	0.0	12.3	71.6
	2011 - 2015	0.0	0.0	7.2	100.1 *
	2016 - 2019	0.0	0.4	8.8	82.8
Women	1996 - 2000	0.0	0.9	3.1	24.7
	2001 - 2005	0.0	0.0	2.9	21.3
	2006 - 2010	0.0	0.3	2.3	21.6
	2011 - 2015	0.0	0.6	1.7	27.5
	2016 - 2019	0.0	0.0	4.0	31.3
Men	Annual trend		0.821	0.975	0.992
Women	Annual trend		0.790	1.000	1.015



European standardized rate by period

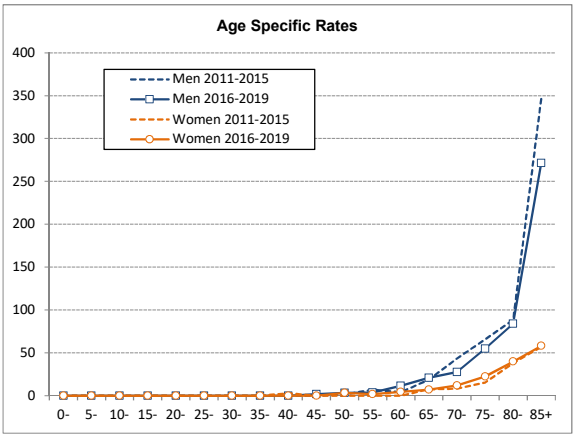
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	9.7	7.7	11.7
	2001 - 2005	9.2	7.4	11.1
	2006 - 2010	7.3	5.8	8.8
	2011 - 2015	8.4	6.9	9.9
	2016 - 2019	7.5	6.0	9.0
Women	1996 - 2000	2.5	1.6	3.3
	2001 - 2005	1.9	1.2	2.7
	2006 - 2010	2.0	1.3	2.8
	2011 - 2015	2.0	1.4	2.6
	2016 - 2019	2.7	1.8	3.5
Men	**APC**	-1.272		
Women	**APC**	-0.051		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	0.0	2.9	0.0
45-	0.0	1.8	0.0	0.0
50-	1.5	3.3	0.0	3.3
55-	7.1	3.8	0.0	1.9
60-	3.9	11.7	0.0	4.5
65-	18.5	21.0	7.4	7.2
70-	43.3	27.7	8.3	12.0
75-	65.5	54.9	15.1	22.6
80-	88.5	84.0	38.2	39.9
85+	347.1	271.5	56.9	58.1
Crude rate	14.9	14.7	5.5	7.0



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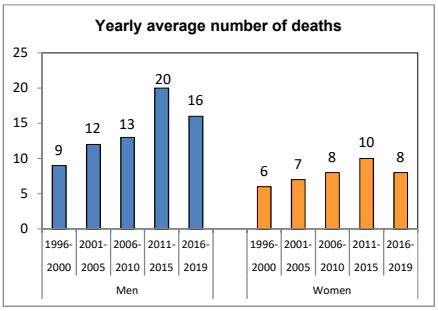
Mortality

Kidney & other Urinary Organs

Ticino

Number of deaths

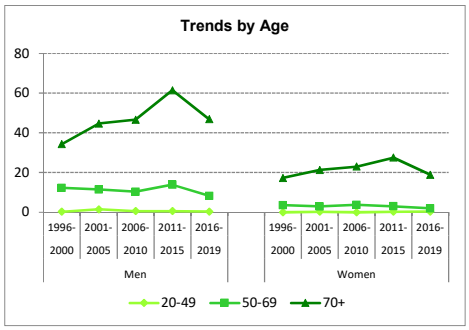
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	1	22	23	**46**	9
	2001- 2005	1	5	22	34	**62**	12
	2006- 2010	0	2	21	43	**66**	13
	2011- 2015	0	2	31	67	**100**	20
	2016- 2019	0	1	16	47	**64**	16
Women	1996 - 2000	1	0	7	21	**29**	6
	2001- 2005	1	1	6	28	**36**	7
	2006- 2010	0	0	8	33	**41**	8
	2011- 2015	0	1	7	43	**51**	10
	2016- 2019	0	1	4	26	**31**	8
Total	Total	**3**	**14**	**144**	**365**	**526**	**22**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

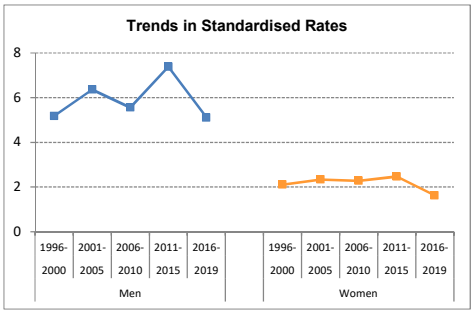
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.3	12.3	34.4
	2001 - 2005	0.6	1.5	11.5	44.7
	2006 - 2010	0.0	0.6	10.3	46.7
	2011 - 2015	0.0	0.6	13.9	61.5
	2016 - 2019	0.0	0.4	8.3	46.9
Women	1996 - 2000	0.7	0.0	3.6	17.3
	2001 - 2005	0.7	0.3	2.9	21.3
	2006 - 2010	0.0	0.0	3.7	23.0
	2011 - 2015	0.0	0.3	3.0	27.5
	2016 - 2019	0.0	0.4	2.0	18.9
Men	Annual trend		0.991	0.988	1.019
Women	Annual trend		1.525	0.977	1.009



European standardized rate by period

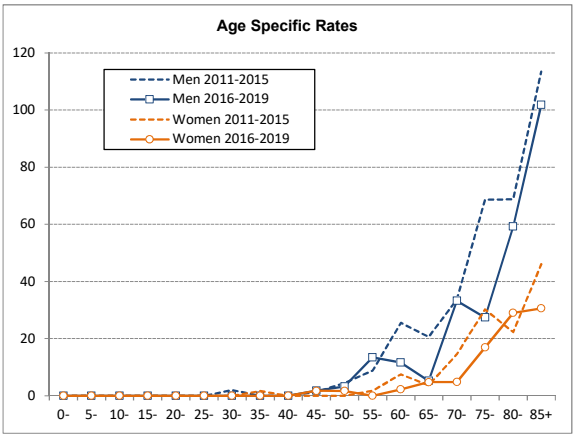
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	5.2	3.7	6.7
	2001 - 2005	6.4	4.8	8.0
	2006 - 2010	5.6	4.2	6.9
	2011 - 2015	7.4	5.9	8.9
	2016 - 2019	5.1	3.8	6.4
Women	1996 - 2000	2.1	1.3	2.9
	2001 - 2005	2.3	1.5	3.2
	2006 - 2010	2.3	1.5	3.0
	2011 - 2015	2.5	1.7	3.2
	2016 - 2019	1.6	1.0	2.3
Men	**APC**	0.283		
Women	**APC**	-1.345		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	2.0	0.0	0.0	0.0
35-	0.0	0.0	1.7	0.0
40-	0.0	0.0	0.0	0.0
45-	1.3	1.8	0.0	1.7
50-	4.5	3.3	0.0	1.7
55-	8.8	13.5	1.8	0.0
60-	25.6	11.7	7.5	2.3
65-	20.6	5.3	3.7	4.8
70-	33.7	33.3	14.6	4.8
75-	68.7	27.4	30.3	16.9
80-	68.8	59.3	22.3	29.0
85+	113.5	101.8	46.1	30.6
Crude rate	11.9	9.3	5.7	4.3



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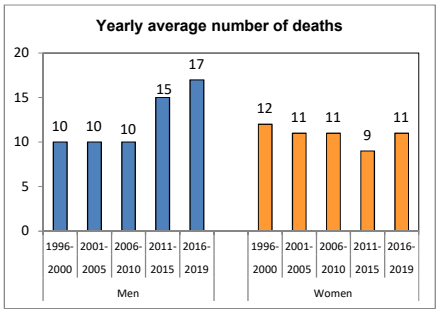
Mortality

Brain & Central Nerves

Ticino

Number of deaths

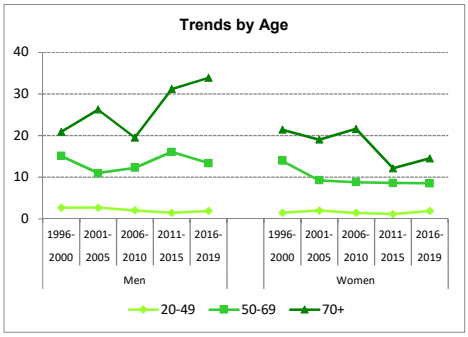
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	1	9	27	14	**51**	10
	2001- 2005	2	9	21	20	**52**	10
	2006- 2010	0	7	25	18	**50**	10
	2011- 2015	1	5	36	34	**76**	15
	2016- 2019	1	5	26	34	**66**	17
Women	1996 - 2000	1	5	27	26	**59**	12
	2001- 2005	2	7	19	25	**53**	11
	2006- 2010	0	5	19	31	**55**	11
	2011- 2015	2	4	20	19	**45**	9
	2016- 2019	1	5	17	20	**43**	11
Total	Total	**11**	**61**	**237**	**241**	**550**	**23**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

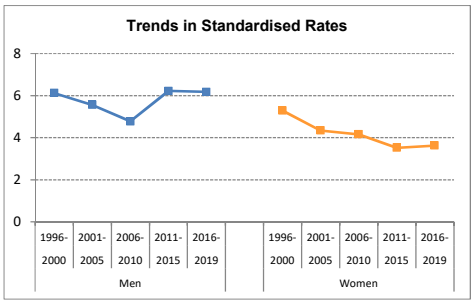
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.6	2.7	15.1	20.9
	2001 - 2005	1.3	2.7	11.0	26.3
	2006 - 2010	0.0	2.1	12.3	19.5
	2011 - 2015	0.6	1.5	16.1	31.2
	2016 - 2019	0.8	1.9	13.4	33.9
Women	1996 - 2000	0.7	1.5	14.0	21.4
	2001 - 2005	1.3	2.0	9.3	19.1
	2006 - 2010	0.0	1.4	8.8	21.6
	2011 - 2015	1.3	1.2	8.6	12.2 *
	2016 - 2019	0.8	1.9	8.6	14.6
Men	Annual trend		0.974	1.003	1.023
Women	Annual trend		0.999	0.979	0.976



European standardized rate by period

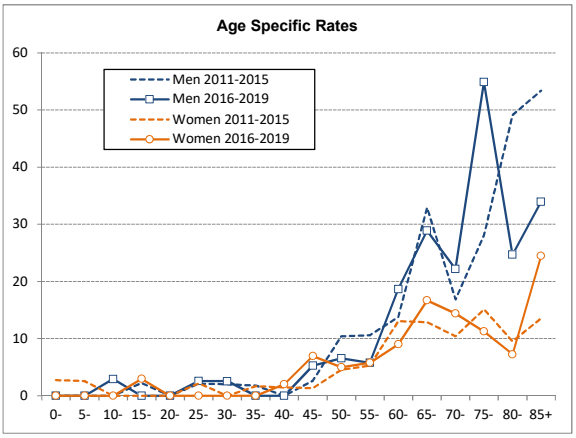
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	6.1	4.4	7.8
	2001 - 2005	5.6	4.0	7.1
	2006 - 2010	4.8	3.4	6.1
	2011 - 2015	6.2	4.8	7.7
	2016 - 2019	6.2	4.6	7.7
Women	1996 - 2000	5.3	3.8	6.7
	2001 - 2005	4.3	3.1	5.6
	2006 - 2010	4.2	3.0	5.4
	2011 - 2015	3.5	2.4	4.7
	2016 - 2019	3.6	2.4	4.8
Men	**APC**	0.043		
Women	**APC**	-2.028		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	2.7	0.0
5-	0.0	0.0	2.6	0.0
10-	0.0	2.9	0.0	0.0
15-	2.3	0.0	0.0	3.0
20-	0.0	0.0	0.0	0.0
25-	2.1	2.6	2.2	0.0
30-	2.0	2.6	0.0	0.0
35-	1.8	0.0	1.7	0.0
40-	0.0	0.0	1.5	2.0
45-	2.7	5.3	1.4	6.9
50-	10.4	6.6	4.5	5.0
55-	10.6	5.8	5.3	5.7
60-	13.8	18.7	13.0	9.0
65-	32.9	28.9	12.9	16.7
70-	16.8	22.2	10.4	14.4
75-	28.1	54.9	15.1	11.3
80-	49.1	24.7	9.5	7.3
85+	53.4	33.9	13.5	24.5
Crude rate	9.1	9.6	5.1	5.9



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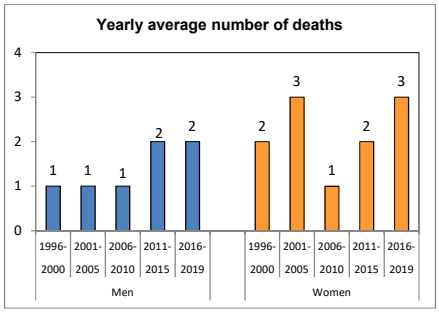
Mortality **Thyroid** Ticino

Number of deaths

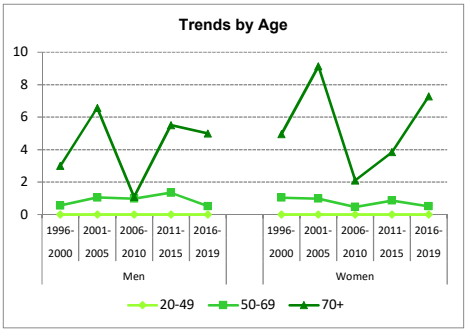
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	0	1	2	**3**	1
	2001- 2005	0	0	2	5	**7**	1
	2006- 2010	0	0	2	1	**3**	1
	2011- 2015	0	0	3	6	**9**	2
	2016- 2019	0	0	1	5	**6**	2
Women	1996 - 2000	0	0	2	6	**8**	2
	2001- 2005	0	0	2	12	**14**	3
	2006- 2010	0	0	1	3	**4**	1
	2011- 2015	0	0	2	6	**8**	2
	2016- 2019	0	0	1	10	**11**	3
Total	Total	**0**	**0**	**17**	**56**	**73**	**3**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

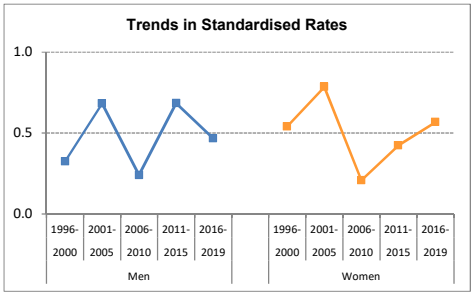
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	0.6	3.0
	2001 - 2005	0.0	0.0	1.0	6.6
	2006 - 2010	0.0	0.0	1.0	1.1
	2011 - 2015	0.0	0.0	1.3	5.5
	2016 - 2019	0.0	0.0	0.5	5.0
Women	1996 - 2000	0.0	0.0	1.0	4.9
	2001 - 2005	0.0	0.0	1.0	9.1
	2006 - 2010	0.0	0.0	0.5	2.1 *
	2011 - 2015	0.0	0.0	0.9	3.8
	2016 - 2019	0.0	0.0	0.5	7.3
Men	Annual trend		1.000	1.002	1.017
Women	Annual trend		1.000	0.969	0.998



European standardized rate by period

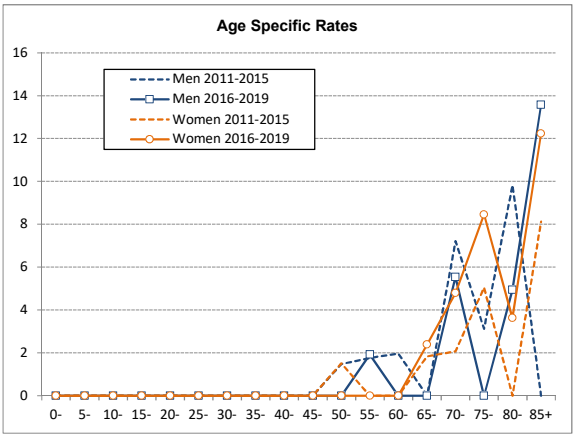
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	0.3	0.0	0.7
	2001 - 2005	0.7	0.2	1.2
	2006 - 2010	0.2	0.0	0.5
	2011 - 2015	0.7	0.2	1.1
	2016 - 2019	0.5	0.1	0.9
Women	1996 - 2000	0.5	0.1	1.0
	2001 - 2005	0.8	0.3	1.2
	2006 - 2010	0.2	0.0	0.4
	2011 - 2015	0.4	0.1	0.7
	2016 - 2019	0.6	0.2	0.9
Men	**APC**	n.a		
Women	**APC**	n.a		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	0.0	0.0	0.0
45-	0.0	0.0	0.0	0.0
50-	1.5	0.0	1.5	0.0
55-	1.8	1.9	0.0	0.0
60-	2.0	0.0	0.0	0.0
65-	0.0	0.0	1.8	2.4
70-	7.2	5.5	2.1	4.8
75-	3.1	0.0	5.0	8.5
80-	9.8	4.9	0.0	3.6
85+	0.0	13.6	8.1	12.2
Crude rate	1.1	0.9	0.9	1.5



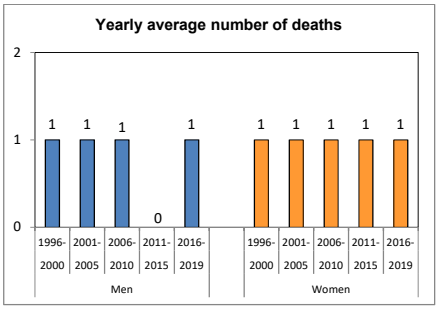
Mortality

Hodgkin's Disease

Ticino

Number of deaths

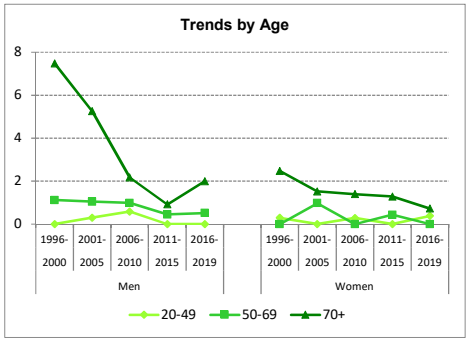
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	0	2	5	**7**	1
	2001- 2005	0	1	2	4	**7**	1
	2006- 2010	0	2	2	2	**6**	1
	2011- 2015	0	0	1	1	**2**	0
	2016- 2019	0	0	1	2	**3**	1
Women	1996 - 2000	0	1	0	3	**4**	1
	2001- 2005	0	0	2	2	**4**	1
	2006- 2010	0	1	0	2	**3**	1
	2011- 2015	0	0	1	2	**3**	1
	2016- 2019	0	1	0	1	**2**	1
Total	Total	**0**	**6**	**11**	**24**	**41**	**2**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

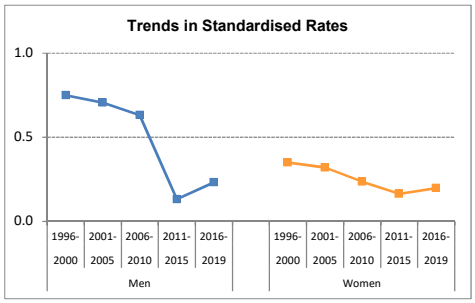
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	1.1	7.5
	2001 - 2005	0.0	0.3	1.0	5.3
	2006 - 2010	0.0	0.6	1.0	2.2
	2011 - 2015	0.0	0.0	0.4	0.9
	2016 - 2019	0.0	0.0	0.5	2.0
Women	1996 - 2000	0.0	0.3	0.0	2.5
	2001 - 2005	0.0	0.0	1.0	1.5
	2006 - 2010	0.0	0.3	0.0	1.4
	2011 - 2015	0.0	0.0	0.4	1.3
	2016 - 2019	0.0	0.4	0.0	0.7
Men	Annual trend		0.814	0.953	0.916
Women	Annual trend		1.010	0.984	0.949



European standardized rate by period

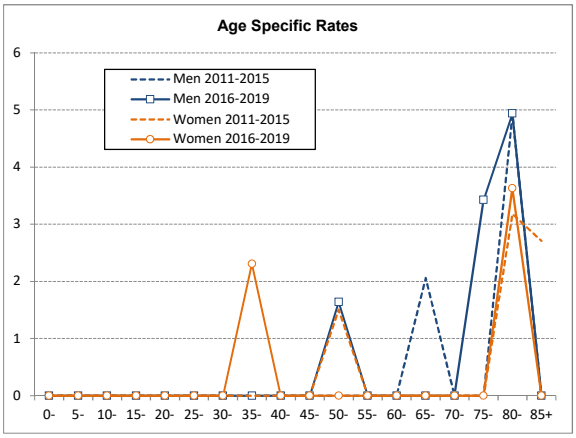
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	0.8	0.2	1.3
	2001 - 2005	0.7	0.2	1.2
	2006 - 2010	0.6	0.1	1.2
	2011 - 2015	0.1	-0.1	0.3
	2016 - 2019	0.2	0.0	0.5
Women	1996 - 2000	0.3	0.0	0.7
	2001 - 2005	0.3	0.0	0.6
	2006 - 2010	0.2	0.0	0.5
	2011 - 2015	0.2	-0.1	0.4
	2016 - 2019	0.2	-0.1	0.5
Men	**APC**	n.a		
Women	**APC**	n.a		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	2.3
40-	0.0	0.0	0.0	0.0
45-	0.0	0.0	0.0	0.0
50-	0.0	1.6	1.5	0.0
55-	0.0	0.0	0.0	0.0
60-	0.0	0.0	0.0	0.0
65-	2.1	0.0	0.0	0.0
70-	0.0	0.0	0.0	0.0
75-	0.0	3.4	0.0	0.0
80-	4.9	4.9	3.2	3.6
85+	0.0	0.0	2.7	0.0
Crude rate	0.2	0.4	0.3	0.3



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sito-Internet: www.ti.ch/tumori

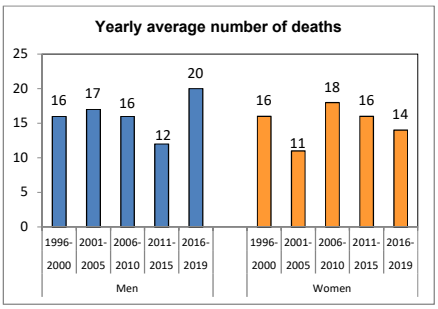
Mortality

Non Hodgkin Lymphoma

Ticino

Number of deaths

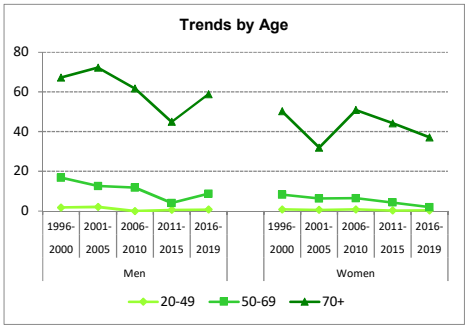
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	6	30	45	**81**	16
	2001- 2005	0	7	24	55	**86**	17
	2006- 2010	0	0	24	57	**81**	16
	2011- 2015	0	2	9	49	**60**	12
	2016- 2019	0	2	17	59	**78**	20
Women	1996 - 2000	1	3	16	61	**81**	16
	2001- 2005	0	2	13	42	**57**	11
	2006- 2010	0	3	14	73	**90**	18
	2011- 2015	0	1	10	69	**80**	16
	2016- 2019	0	1	4	51	**56**	14
Total	Total	**1**	**27**	**161**	**561**	**750**	31



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

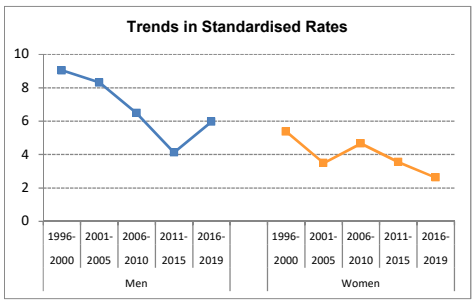
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	1.8	16.8	67.3
	2001 - 2005	0.0	2.1	12.6	72.3
	2006 - 2010	0.0	0.0 **	11.8	61.9
	2011 - 2015	0.0	0.6	4.0 **	45.0
	2016 - 2019	0.0	0.8	8.8	58.9
Women	1996 - 2000	0.7	0.9	8.3	50.3
	2001 - 2005	0.0	0.6	6.4	32.0 *
	2006 - 2010	0.0	0.9	6.5	50.9 *
	2011 - 2015	0.0	0.3	4.3	44.2
	2016 - 2019	0.0	0.4	2.0	37.1
Men	Annual trend		0.942	0.952	0.985
Women	Annual trend		0.954	0.938	0.994



European standardized rate by period

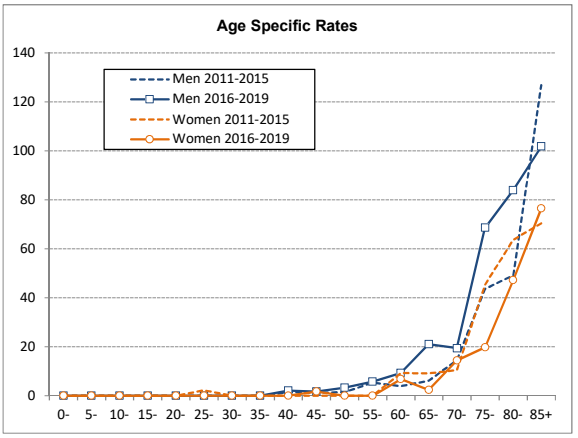
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	9.1	7.1	11.0
	2001 - 2005	8.3	6.5	10.1
	2006 - 2010	6.5	5.1	7.9
	2011 - 2015	4.1	3.1	5.2
	2016 - 2019	6.0	4.6	7.4
Women	1996 - 2000	5.4	4.1	6.7
	2001 - 2005	3.5	2.5	4.5
	2006 - 2010	4.7	3.6	5.7
	2011 - 2015	3.5	2.7	4.4
	2016 - 2019	2.6	1.8	3.4
Men	**APC**	-3.239 **		
Women	**APC**	-3.237 **		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	2.2	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	1.5	2.1	0.0	0.0
45-	1.3	1.8	0.0	1.7
50-	1.5	3.3	0.0	0.0
55-	5.3	5.8	0.0	0.0
60-	3.9	9.3	9.3	6.8
65-	6.2	21.0	9.2	2.4
70-	14.4	19.4	10.4	14.4
75-	43.7	68.6	45.4	19.7
80-	49.1	84.0	63.6	47.2
85+	126.8	101.8	70.4	76.5
Crude rate	7.1	11.3	9.0	7.7



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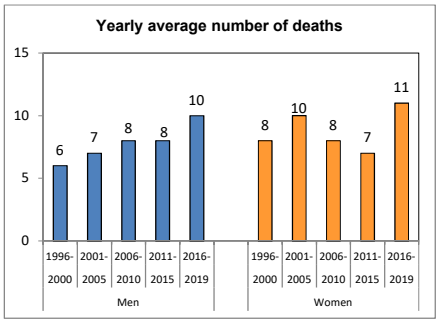
Mortality

Multiple Myeloma

Ticino

Number of deaths

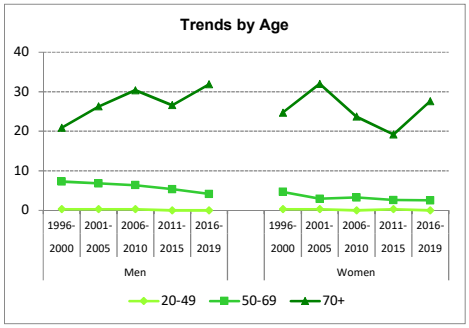
Sex	Period	0-19	20-49	Age group 50-69	70+	Total	Yearly average
Men	1996 - 2000	0	1	13	14	**28**	6
	2001- 2005	0	1	13	20	**34**	7
	2006- 2010	0	1	13	28	**42**	8
	2011- 2015	0	0	12	29	**41**	8
	2016- 2019	0	0	8	32	**40**	10
Women	1996 - 2000	0	1	9	30	**40**	8
	2001- 2005	0	1	6	42	**49**	10
	2006- 2010	0	0	7	34	**41**	8
	2011- 2015	0	1	6	30	**37**	7
	2016- 2019	0	0	5	38	**43**	11
Total	Total	**0**	**6**	**92**	**297**	**395**	**16**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

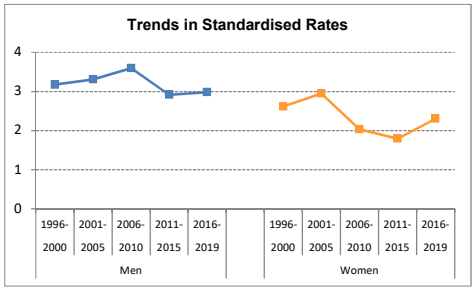
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.3	7.3	20.9
	2001 - 2005	0.0	0.3	6.8	26.3
	2006 - 2010	0.0	0.3	6.4	30.4
	2011 - 2015	0.0	0.0	5.4	26.6
	2016 - 2019	0.0	0.0	4.1	31.9
Women	1996 - 2000	0.0	0.3	4.7	24.7
	2001 - 2005	0.0	0.3	2.9	32.0
	2006 - 2010	0.0	0.0	3.3	23.7
	2011 - 2015	0.0	0.3	2.6	19.2
	2016 - 2019	0.0	0.0	2.5	27.7
Men	Annual trend		0.539	0.973	1.017
Women	Annual trend		0.663	0.973	0.994



European standardized rate by period

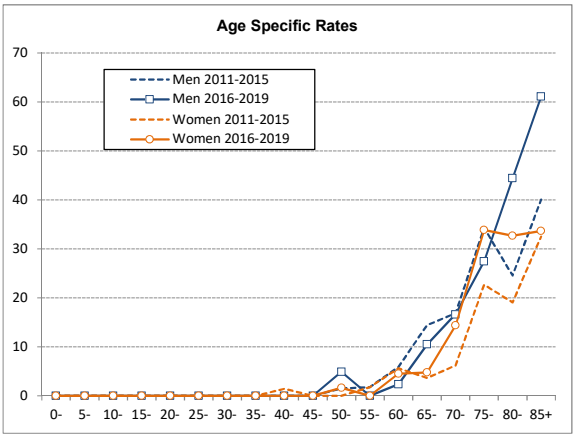
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	3.2	2.0	4.4
	2001 - 2005	3.3	2.2	4.4
	2006 - 2010	3.6	2.5	4.7
	2011 - 2015	2.9	2.0	3.8
	2016 - 2019	3.0	2.0	3.9
Women	1996 - 2000	2.6	1.7	3.5
	2001 - 2005	3.0	2.1	3.8
	2006 - 2010	2.0	1.3	2.7
	2011 - 2015	1.8	1.1	2.4
	2016 - 2019	2.3	1.5	3.1
Men	**APC**	-0.935		
Women	**APC**	-1.345		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	0.0	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	0.0	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	0.0	0.0	0.0	0.0
40-	0.0	0.0	1.5	0.0
45-	0.0	0.0	0.0	0.0
50-	1.5	4.9	0.0	1.7
55-	1.8	0.0	1.8	0.0
60-	5.9	2.3	5.6	4.5
65-	14.4	10.5	3.7	4.8
70-	16.8	16.6	6.2	14.4
75-	34.3	27.4	22.7	33.8
80-	24.6	44.5	19.1	32.7
85+	40.0	61.1	32.5	33.6
Crude rate	4.9	5.8	4.2	5.9



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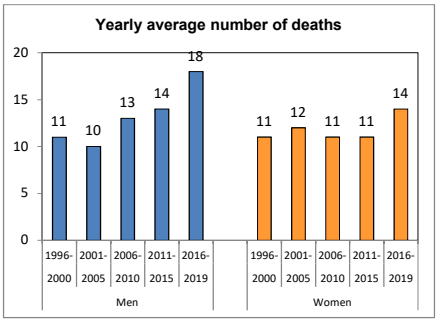
Mortality **Leukaemia** Ticino

Number of deaths

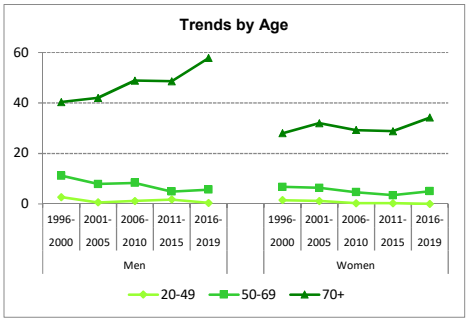
Sex	Period	Age group 0-19	20-49	50-69	70+	Total	Yearly average
Men	1996 - 2000	0	9	20	27	**56**	11
	2001- 2005	3	2	15	32	**52**	10
	2006- 2010	0	4	17	45	**66**	13
	2011- 2015	0	6	11	53	**70**	14
	2016- 2019	1	1	11	58	**71**	18
Women	1996 - 2000	1	5	13	34	**53**	11
	2001- 2005	0	4	13	42	**59**	12
	2006- 2010	1	1	10	42	**54**	11
	2011- 2015	0	1	8	45	**54**	11
	2016- 2019	0	0	10	47	**57**	14
Total	Total	**6**	**33**	**128**	**425**	**592**	**25**



Crude rates by age-group & mean annual trends

*, **: Significant variations cf. Mantel-Haenszel test (95%, 99%)
Signification of mean annual trends not computed

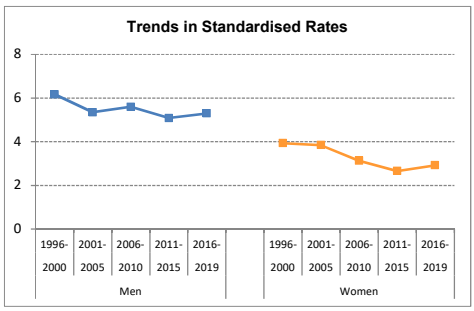
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	2.7	11.2	40.4
	2001 - 2005	1.9	0.6 *	7.9	42.1
	2006 - 2010	0.0	1.2	8.3	48.8
	2011 - 2015	0.0	1.8	4.9	48.7
	2016 - 2019	0.8	0.4	5.7	57.9
Women	1996 - 2000	0.7	1.5	6.7	28.0
	2001 - 2005	0.0	1.2	6.4	32.0
	2006 - 2010	0.7	0.3	4.6	29.3
	2011 - 2015	0.0	0.3	3.5	28.8
	2016 - 2019	0.0	0.0	5.0	34.2
Men	Annual trend		0.945	0.964	1.017
Women	Annual trend		0.604	0.977	1.006



European standardized rate by period

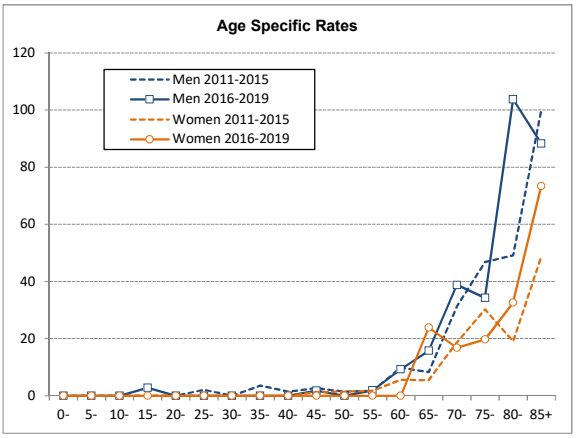
*, **: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	6.2	4.5	7.8
	2001 - 2005	5.4	3.8	6.9
	2006 - 2010	5.6	4.2	7.0
	2011 - 2015	5.1	3.9	6.3
	2016 - 2019	5.3	4.0	6.6
Women	1996 - 2000	3.9	2.7	5.1
	2001 - 2005	3.8	2.7	4.9
	2006 - 2010	3.1	2.1	4.1
	2011 - 2015	2.7	1.9	3.4
	2016 - 2019	2.9	2.1	3.8
Men	**APC**	-0.548		
Women	**APC**	-1.558		



Age specific rates - 2 last periods compared

Age	Men 2011 - 2015	Men 2016 - 2019	Women 2011 - 2015	Women 2016 - 2019
0-	0.0	0.0	0.0	0.0
5-	0.0	0.0	0.0	0.0
10-	0.0	0.0	0.0	0.0
15-	0.0	2.8	0.0	0.0
20-	0.0	0.0	0.0	0.0
25-	2.1	0.0	0.0	0.0
30-	0.0	0.0	0.0	0.0
35-	3.6	0.0	0.0	0.0
40-	1.5	0.0	0.0	0.0
45-	2.7	1.8	1.4	0.0
50-	1.5	0.0	1.5	0.0
55-	1.8	1.9	1.8	0.0
60-	9.8	9.3	5.6	0.0
65-	8.2	15.8	5.5	23.8
70-	31.3	38.8	18.7	16.8
75-	46.8	34.3	30.3	19.7
80-	49.1	103.7	19.1	32.7
85+	100.1	88.2	48.8	73.4
Crude rate	8.3	10.3	6.1	7.9



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