

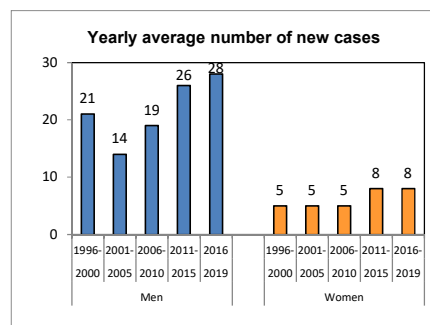
Incidence

Oesophagus

Ticino

Number of new cases

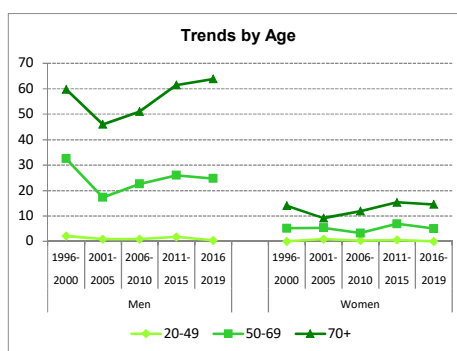
Sex	Period	Age group				Total	Yearly average
		0-19	20-49	50-69	70+		
Men	1996 - 2000	0	7	58	40	105	21
	2001 - 2005	0	3	33	35	71	14
	2006 - 2010	0	3	46	47	96	19
	2011 - 2015	0	6	58	67	131	26
	2016 - 2019	0	1	48	64	113	28
Women	1996 - 2000	0	0	10	17	27	5
	2001 - 2005	0	3	11	12	26	5
	2006 - 2010	0	1	7	17	25	5
	2011 - 2015	0	2	16	24	42	8
	2016 - 2019	0	0	10	20	30	8
Total	Total	0	26	297	343	666	28



Crude rates by age-group & mean annual trends

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

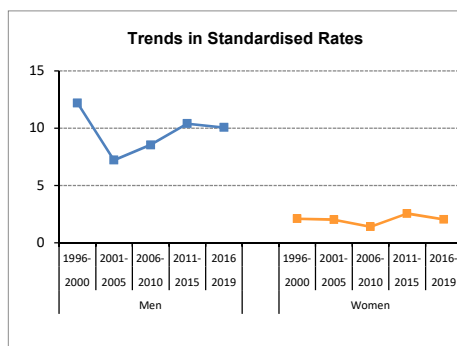
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	2.1	32.5	59.8
	2001 - 2005	0.0	0.9	17.3 **	46.0
	2006 - 2010	0.0	0.9	22.6	51.0
	2011 - 2015	0.0	1.8	26.0	61.5
	2016 - 2019	0.0	0.4	24.8	63.9
Women	1996 - 2000	0.0	0.0	5.2	14.0
	2001 - 2005	0.0	0.9	5.4	9.1
	2006 - 2010	0.0	0.3	3.3	11.9
	2011 - 2015	0.0	0.6	6.9	15.4
	2016 - 2019	0.0	0.0	5.0	14.6
Men	Annual trend		0.946	0.997	1.008
Women	Annual trend		0.992	1.004	1.012



European standardized rate by period

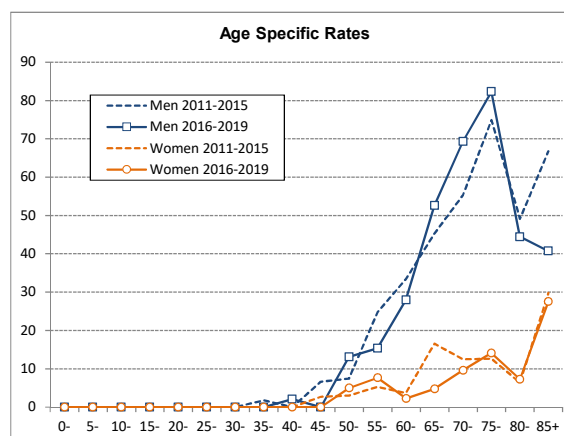
\*, \*\*: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	12.2	9.9	14.5
	2001 - 2005	7.2	5.5	8.9
	2006 - 2010	8.5	6.8	10.3
	2011 - 2015	10.4	8.6	12.2
	2016 - 2019	10.1	8.2	12.0
Women	1996 - 2000	2.1	1.2	2.9
	2001 - 2005	2.0	1.2	2.8
	2006 - 2010	1.4	0.8	2.0
	2011 - 2015	2.6	1.7	3.4
	2016 - 2019	2.0	1.2	2.8
Men	APC	-0.261		
Women	APC	0.644		



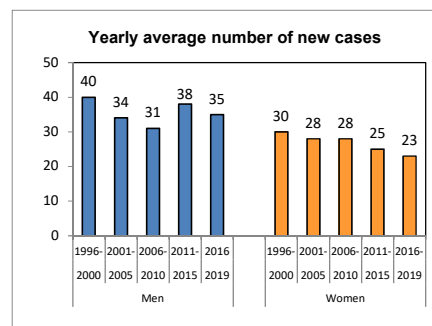
Age specific rates - 2 last periods compared

Age	Men		Women	
	2011 - 2015	2016 - 2019	2011 - 2015	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-	1.8	0.0	0.0	0.0
40-	0.0	2.1	0.0	0.0
45-	6.6	0.0	2.7	0.0
50-	7.4	13.1	3.0	5.0
55-	24.7	15.4	5.3	7.7
60-	33.4	28.0	3.7	2.3
65-	45.3	52.6	16.6	4.8
70-	55.3	69.3	12.5	9.6
75-	74.9	82.3	12.6	14.1
80-	49.1	44.5	6.4	7.3
85+	66.7	40.7	29.8	27.5
Crude rate	15.6	16.4	4.7	4.1



Number of new cases

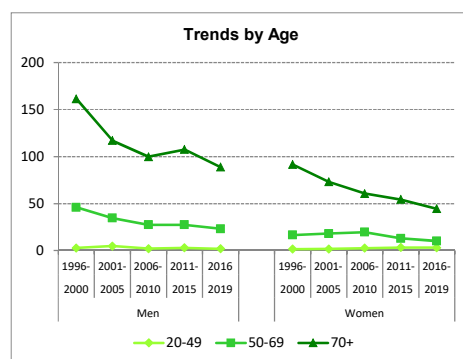
Sex	Period	Age group				Total	Yearly average
		0-19	20-49	50-69	70+		
Men	1996 - 2000	0	9	82	108	<b>199</b>	<b>40</b>
	2001 - 2005	0	16	66	89	<b>171</b>	<b>34</b>
	2006 - 2010	0	7	56	92	<b>155</b>	<b>31</b>
	2011 - 2015	0	10	61	117	<b>188</b>	<b>38</b>
	2016 - 2019	0	5	45	89	<b>139</b>	<b>35</b>
Women	1996 - 2000	0	5	32	111	<b>148</b>	<b>30</b>
	2001 - 2005	0	6	37	96	<b>139</b>	<b>28</b>
	2006 - 2010	0	9	42	87	<b>138</b>	<b>28</b>
	2011 - 2015	0	11	30	85	<b>126</b>	<b>25</b>
	2016 - 2019	1	8	20	61	<b>90</b>	<b>23</b>
<b>Total</b>	<b>Total</b>	<b>1</b>	<b>86</b>	<b>471</b>	<b>935</b>	<b>1'493</b>	<b>62</b>



Crude rates by age-group & mean annual trends

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

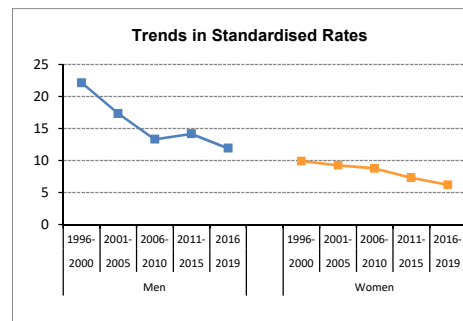
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	2.7	46.0	161.5
	2001 - 2005	0.0	4.8	34.6	117.0 *
	2006 - 2010	0.0	2.1	27.5	99.8
	2011 - 2015	0.0	2.9	27.3	107.4
	2016 - 2019	0.0	1.9	23.2	88.8
Women	1996 - 2000	0.0	1.5	16.6	91.5
	2001 - 2005	0.0	1.7	18.1	73.2
	2006 - 2010	0.0	2.6	19.5	60.7
	2011 - 2015	0.0	3.2	13.0	54.4
	2016 - 2019	0.8	3.0	10.1	44.4
Men	Annual trend		0.976	0.968	0.975
Women	Annual trend		1.042	0.974	0.966



European standardized rate by period

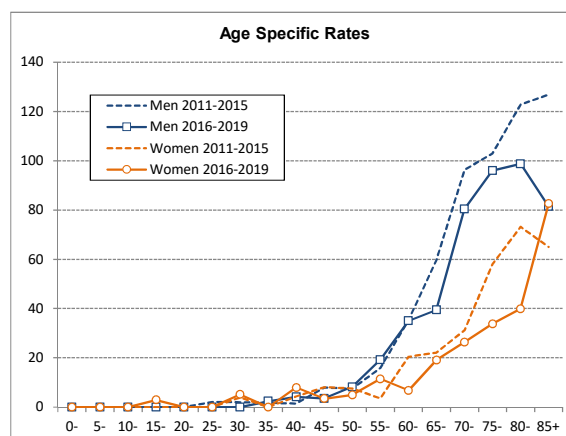
\*, \*\*: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	22.1	19.0	25.2
	2001 - 2005	17.3	14.7	20.0
	2006 - 2010	13.3	11.2	15.4
	2011 - 2015	14.2	12.1	16.2
	2016 - 2019	11.9	9.8	14.0
Women	1996 - 2000	9.9	8.1	11.6
	2001 - 2005	9.2	7.5	10.9
	2006 - 2010	8.8	7.1	10.4
	2011 - 2015	7.3	5.9	8.7
	2016 - 2019	6.2	4.7	7.7
Men	APC	-2.994 **		
Women	APC	-2.413 **		



Age specific rates - 2 last periods compared

Age	Men		Women	
	2011 - 2015	2016 - 2019	2011 - 2015	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	3.0
20-	0.0	0.0	0.0	0.0
25-	2.1	0.0	0.0	0.0
30-	2.0	0.0	4.0	5.2
35-	1.8	2.4	0.0	0.0
40-	1.5	4.2	4.4	8.0
45-	8.0	3.5	8.1	3.5
50-	7.4	8.2	7.5	5.0
55-	15.9	19.2	3.5	11.5
60-	35.4	35.0	20.5	6.8
65-	59.7	39.4	22.1	19.1
70-	96.3	80.4	31.2	26.4
75-	103.0	96.0	58.0	33.8
80-	122.9	98.8	73.2	39.9
85+	126.8	81.4	65.0	82.6
Crude rate	22.4	20.2	14.2	12.4



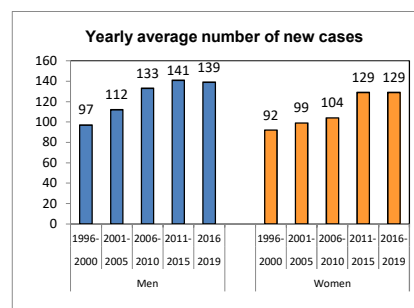
Incidence

Colon, Rectum

Ticino

Number of new cases

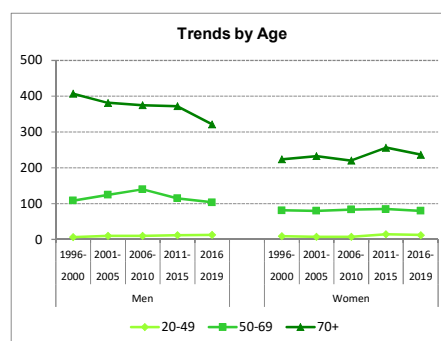
Sex	Period	Age group				Total	Yearly average
		0-19	20-49	50-69	70+		
Men	1996 - 2000	0	20	193	272	<b>485</b>	<b>97</b>
	2001 - 2005	0	33	237	290	<b>560</b>	<b>112</b>
	2006 - 2010	0	33	285	345	<b>663</b>	<b>133</b>
	2011 - 2015	2	40	256	405	<b>703</b>	<b>141</b>
	2016 - 2019	0	33	200	322	<b>555</b>	<b>139</b>
Women	1996 - 2000	1	31	156	271	<b>459</b>	<b>92</b>
	2001 - 2005	0	25	163	305	<b>493</b>	<b>99</b>
	2006 - 2010	0	25	179	316	<b>520</b>	<b>104</b>
	2011 - 2015	2	49	195	400	<b>646</b>	<b>129</b>
	2016 - 2019	2	32	158	325	<b>517</b>	<b>129</b>
<b>Total</b>	<b>Total</b>	<b>7</b>	<b>321</b>	<b>2'022</b>	<b>3'251</b>	<b>5'601</b>	<b>233</b>



Crude rates by age-group & mean annual trends

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

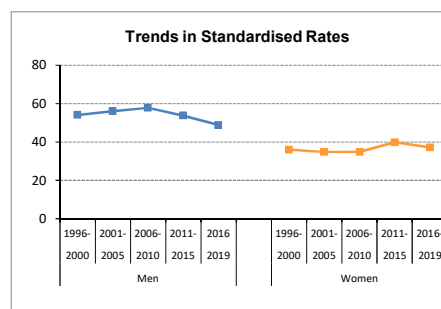
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	6.0	108.2	406.7
	2001 - 2005	0.0	9.9	124.2	381.2
	2006 - 2010	0.0	9.7	140.0	374.4
	2011 - 2015	1.2	11.7	114.6 *	371.8
	2016 - 2019	0.0	12.5	103.2	321.4
Women	1996 - 2000	0.7	9.1	80.8	223.4
	2001 - 2005	0.0	7.3	79.7	232.4
	2006 - 2010	0.0	7.2	83.2	220.4
	2011 - 2015	1.3	14.3 **	84.3	256.2
	2016 - 2019	1.6	12.2	79.6	236.6
Men	Annual trend		1.033	0.997	0.990
Women	Annual trend		1.025	1.001	1.004



European standardized rate by period

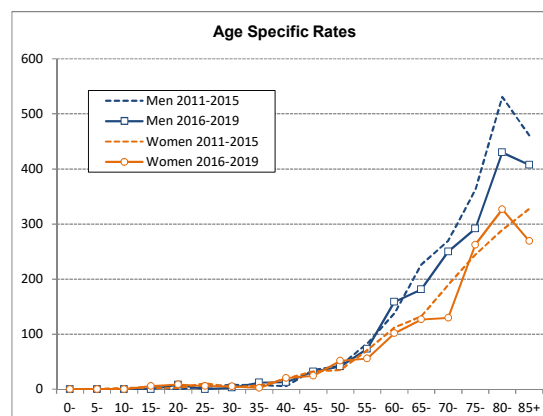
\*, \*\*: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	54.0	49.2	58.9
	2001 - 2005	56.0	51.3	60.7
	2006 - 2010	57.8	53.3	62.3
	2011 - 2015	53.7	49.6	57.8
	2016 - 2019	48.8	44.5	53.1
Women	1996 - 2000	36.1	32.5	39.6
	2001 - 2005	34.8	31.5	38.2
	2006 - 2010	34.9	31.6	38.2
	2011 - 2015	39.9	36.5	43.3
	2016 - 2019	37.2	33.6	40.8
Men	APC	-0.561		
Women	APC	0.445		



Age specific rates - 2 last periods compared

Age	Men		Women	
	2011 - 2015	2016 - 2019	2011 - 2015	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	2.5	0.0
15-	4.5	0.0	2.4	5.9
20-	0.0	7.8	2.2	8.3
25-	4.3	0.0	11.0	5.4
30-	8.1	2.6	4.0	5.2
35-	7.1	12.0	6.8	2.3
40-	5.9	12.5	18.9	19.9
45-	34.5	31.7	32.4	24.3
50-	43.1	41.0	34.6	51.6
55-	83.1	73.1	70.5	55.6
60-	137.7	158.8	111.8	101.7
65-	226.5	181.4	132.5	126.4
70-	269.5	249.5	189.2	129.6
75-	362.0	291.6	244.6	262.3
80-	530.7	429.7	289.5	326.5
85+	460.6	407.2	327.8	269.2
Crude rate	83.7	80.6	72.8	71.4



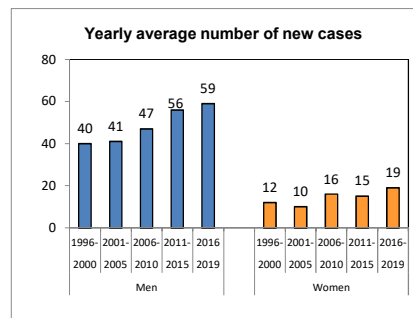
Incidence

Liver & Intrahepatic Bile Ducts

Ticino

Number of new cases

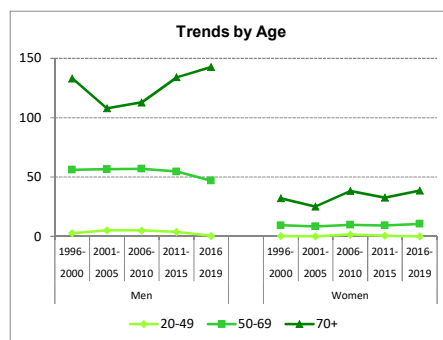
Sex	Period	Age group				Total	Yearly average
		0-19	20-49	50-69	70+		
Men	1996 - 2000	1	9	100	89	199	40
	2001 - 2005	0	17	108	82	207	41
	2006 - 2010	0	17	116	104	237	47
	2011 - 2015	1	13	122	146	282	56
	2016 - 2019	0	1	91	143	235	59
Women	1996 - 2000	1	1	18	39	59	12
	2001 - 2005	0	0	17	33	50	10
	2006 - 2010	0	5	21	55	81	16
	2011 - 2015	0	2	21	51	74	15
	2016 - 2019	0	0	21	53	74	19
Total	Total	3	65	635	795	1'498	62



Crude rates by age-group & mean annual trends

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

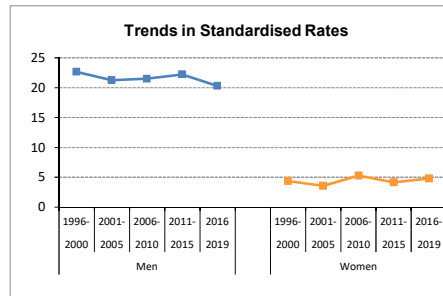
Sex	Period	Age group			
		0-19	20-49	50-69	70+
Men	1996 - 2000	0.6	2.7	56.1	133.1
	2001 - 2005	0.0	5.1	56.6	107.8
	2006 - 2010	0.0	5.0	57.0	112.9
	2011 - 2015	0.6	3.8	54.6	134.0
	2016 - 2019	0.0	0.4 **	47.0	142.7
Women	1996 - 2000	0.7	0.3	9.3	32.1
	2001 - 2005	0.0	0.0	8.3	25.1
	2006 - 2010	0.0	1.4 *	9.8	38.4
	2011 - 2015	0.0	0.6	9.1	32.7
	2016 - 2019	0.0	0.0	10.6	38.6
Men	Annual trend		0.919	0.992	1.007
Women	Annual trend		0.825	1.007	1.013



European standardized rate by period

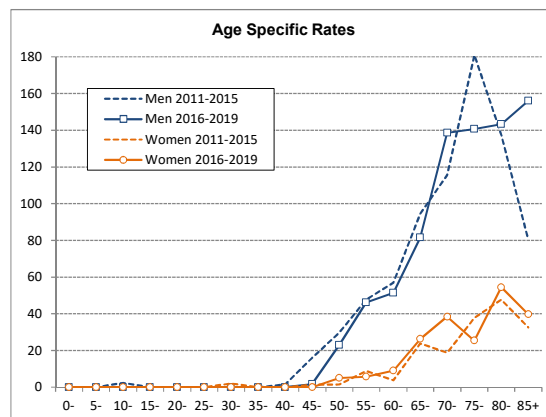
\*, \*\*: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
			Lower	Upper
Men	1996 - 2000	22.6	19.5	25.8
	2001 - 2005	21.2	18.3	24.2
	2006 - 2010	21.5	18.7	24.3
	2011 - 2015	22.2	19.6	24.9
	2016 - 2019	20.3	17.6	23.0
Women	1996 - 2000	4.4	3.1	5.6
	2001 - 2005	3.5	2.5	4.6
	2006 - 2010	5.3	4.0	6.5
	2011 - 2015	4.1	3.1	5.2
	2016 - 2019	4.8	3.6	6.0
Men	APC	-0.449		
Women	APC	0.320		



Age specific rates - 2 last periods compared

Age	Men		Women	
	2011 - 2015	2016 - 2019	2011 - 2015	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	0.0	0.0
40-	1.5	0.0	0.0	0.0
45-	15.9	1.8	1.4	0.0
50-	29.7	23.0	1.5	5.0
55-	47.7	46.2	8.8	5.7
60-	57.0	51.4	3.7	9.0
65-	94.7	81.5	23.9	26.2
70-	115.5	138.6	18.7	38.4
75-	181.0	140.6	37.8	25.4
80-	137.6	143.2	47.7	54.4
85+	80.1	156.1	32.5	39.8
Crude rate	33.6	34.1	8.3	10.2



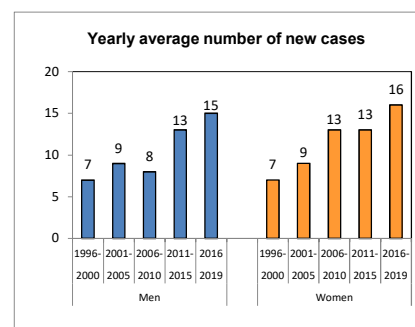
## Incidence

## Gallbladder &amp; Extrahepatic Bile Tract

Ticino

## Number of new cases

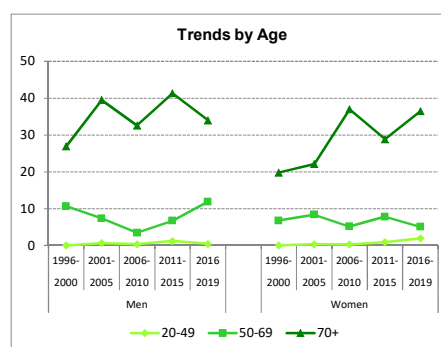
Sex	Period	Age group				Total	Yearly average
		0-19	20-49	50-69	70+		
Men	1996 - 2000	0	0	19	18	37	7
	2001 - 2005	0	2	14	30	46	9
	2006 - 2010	0	1	7	30	38	8
	2011 - 2015	0	4	15	45	64	13
	2016 - 2019	0	1	23	34	58	15
Women	1996 - 2000	0	0	13	24	37	7
	2001 - 2005	0	1	17	29	47	9
	2006 - 2010	0	1	11	53	65	13
	2011 - 2015	0	3	18	45	66	13
	2016 - 2019	0	5	10	50	65	16
Total	Total	0	18	147	358	523	22



## Crude rates by age-group &amp; mean annual trends

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

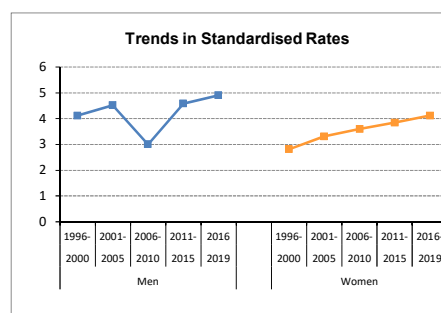
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	0.0	10.7	26.9
	2001 - 2005	0.0	0.6	7.3	39.4
	2006 - 2010	0.0	0.3	3.4	32.6
	2011 - 2015	0.0	1.2	6.7	41.3
	2016 - 2019	0.0	0.4	11.9	33.9
Women	1996 - 2000	0.0	0.0	6.7	19.8
	2001 - 2005	0.0	0.3	8.3	22.1
	2006 - 2010	0.0	0.3	5.1	37.0
	2011 - 2015	0.0	0.9	7.8	28.8
	2016 - 2019	0.0	1.9	5.0	36.4
Men	Annual trend		1.545	1.003	1.010
Women	Annual trend		1.662	0.987	1.030



## European standardized rate by period

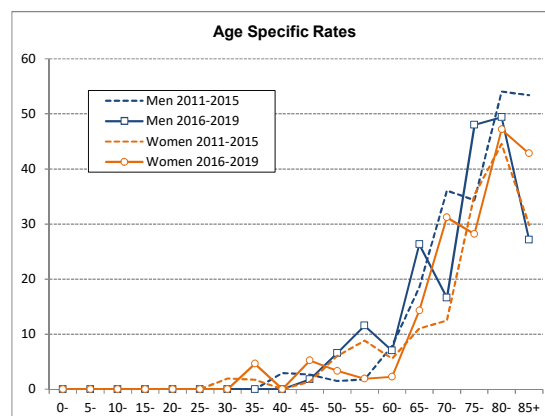
\*, \*\*: The Annual Percent Change (APC) is significantly different from zero (p<0.05, p<0.01).

Sex	Period	Ticino	C.I. 95%	
Men	1996 - 2000	4.1	2.8	5.4
	2001 - 2005	4.5	3.2	5.8
	2006 - 2010	3.0	2.0	4.0
	2011 - 2015	4.6	3.4	5.7
	2016 - 2019	4.9	3.6	6.2
Women	1996 - 2000	2.8	1.8	3.8
	2001 - 2005	3.3	2.3	4.3
	2006 - 2010	3.6	2.6	4.6
	2011 - 2015	3.8	2.8	4.9
	2016 - 2019	4.1	3.0	5.3
Men	APC	1.134		
Women	APC	1.687 *		



## Age specific rates - 2 last periods compared

Age	Men		Women	
	2011 - 2015	2016 - 2019	2011 - 2015	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-	0.0	0.0	1.7	4.6
40-	2.9	0.0	0.0	0.0
45-	2.7	1.8	1.4	5.2
50-	1.5	6.6	6.0	3.3
55-	1.8	11.5	8.8	1.9
60-	7.9	7.0	5.6	2.3
65-	18.5	26.3	11.0	14.3
70-	36.1	16.6	12.5	31.2
75-	34.3	48.0	35.3	28.2
80-	54.1	49.4	44.5	47.2
85+	53.4	27.1	29.8	42.8
Crude rate	7.6	8.4	7.4	9.0



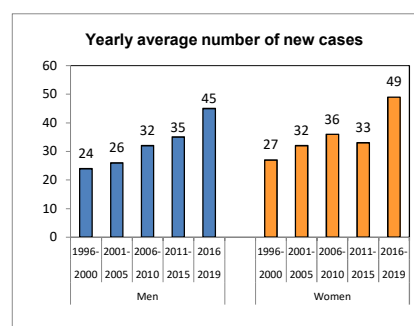
## Incidence

## Pancreas

Ticino

## Number of new cases

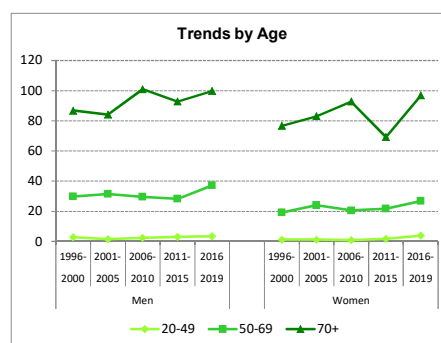
Sex	Period	Age group				Total	Yearly average
		0-19	20-49	50-69	70+		
Men	1996 - 2000	0	9	53	58	<b>120</b>	<b>24</b>
	2001 - 2005	0	5	60	64	<b>129</b>	<b>26</b>
	2006 - 2010	0	8	60	93	<b>161</b>	<b>32</b>
	2011 - 2015	0	10	63	101	<b>174</b>	<b>35</b>
	2016 - 2019	0	9	72	100	<b>181</b>	<b>45</b>
Women	1996 - 2000	0	4	37	93	<b>134</b>	<b>27</b>
	2001 - 2005	0	4	49	109	<b>162</b>	<b>32</b>
	2006 - 2010	0	3	44	133	<b>180</b>	<b>36</b>
	2011 - 2015	0	6	50	108	<b>164</b>	<b>33</b>
	2016 - 2019	1	10	53	133	<b>197</b>	<b>49</b>
Total	Total	1	68	541	992	<b>1'602</b>	<b>67</b>



## Crude rates by age-group &amp; mean annual trends

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

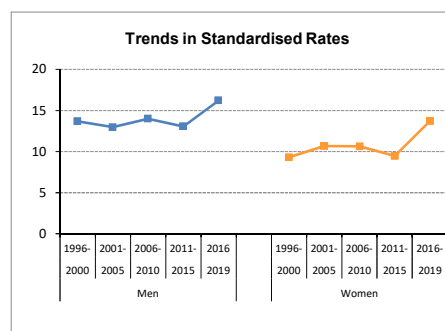
Sex	Period	0-19	20-49	50-69	70+
Men	1996 - 2000	0.0	2.7	29.7	86.7
	2001 - 2005	0.0	1.5	31.4	84.1
	2006 - 2010	0.0	2.4	29.5	100.9
	2011 - 2015	0.0	2.9	28.2	92.7
	2016 - 2019	0.0	3.4	37.2	99.8
Women	1996 - 2000	0.0	1.2	19.2	76.7
	2001 - 2005	0.0	1.2	24.0	83.1
	2006 - 2010	0.0	0.9	20.5	92.7
	2011 - 2015	0.0	1.7	21.6	69.2
	2016 - 2019	0.8	3.8	26.7	96.8
Men	Annual trend		1.023	1.007	1.008
Women	Annual trend		1.057	1.011	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	13.7	11.2	16.1
	2001 - 2005	13.0	10.7	15.2
	2006 - 2010	14.0	11.8	16.2
	2011 - 2015	13.0	11.0	15.0
	2016 - 2019	16.2	13.8	18.6
Women	1996 - 2000	9.3	7.6	11.0
	2001 - 2005	10.7	8.9	12.5
	2006 - 2010	10.6	8.9	12.4
	2011 - 2015	9.5	7.9	11.1
	2016 - 2019	13.7	11.5	15.9
Men	APC	0.495		
Women	APC	1.255 *		



## Age specific rates - 2 last periods compared

Age	Men		Women	
	2011 - 2015	2016 - 2019	2011 - 2015	2016 - 2019
0-	0.0	0.0	0.0	3.6
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	2.7
30-	0.0	0.0	0.0	2.6
35-	0.0	0.0	3.4	4.6
40-	5.9	6.3	0.0	4.0
45-	8.0	10.6	5.4	6.9
50-	7.4	13.1	13.5	15.0
55-	21.2	30.8	10.6	26.8
60-	23.6	44.4	26.1	24.9
65-	70.0	76.3	38.6	45.3
70-	74.6	97.0	45.7	57.6
75-	112.3	92.6	65.6	110.0
80-	127.8	93.9	76.3	116.1
85+	53.4	129.0	97.5	116.2
Crude rate	20.7	26.3	18.5	27.2

