

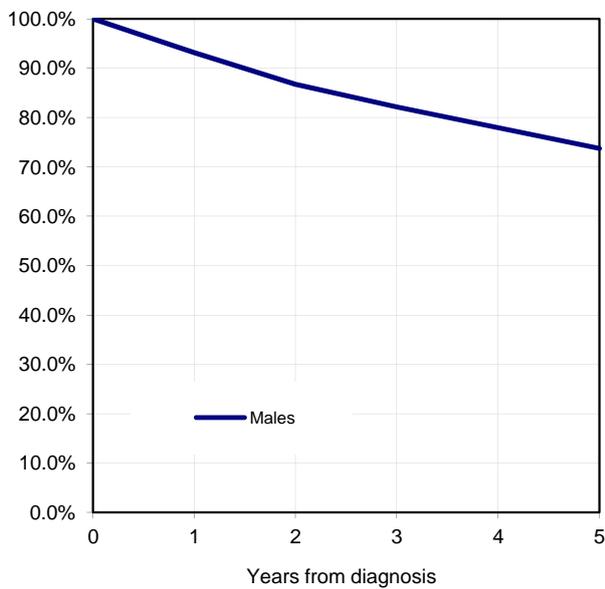
C61 PROSTATE

Ticino Cancer Registry

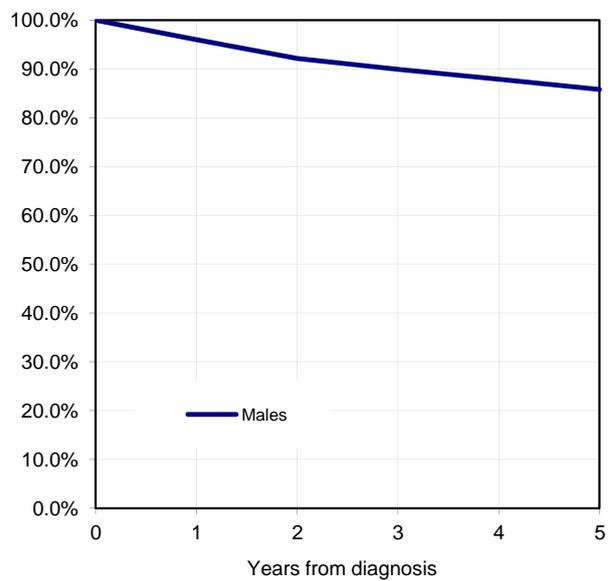
Analysis period: 2011-2015

	Years from diagnosis	Alive at start	Observed Survival	CI 95%	Relative Survival *	CI 95%
Males	1 year	1334	93.1%	91.5% - 94.5%	96.0%	94.3% - 97.4%
	2 years	1252	86.7%	84.6% - 88.6%	92.1%	89.9% - 94.1%
	3 years	1258	82.2%	79.8% - 84.3%	89.9%	87.3% - 92.2%
	5 years	1159	73.7%	71.1% - 76.1%	85.8%^	82.8% - 88.6%

Observed Survival



Relative Survival *



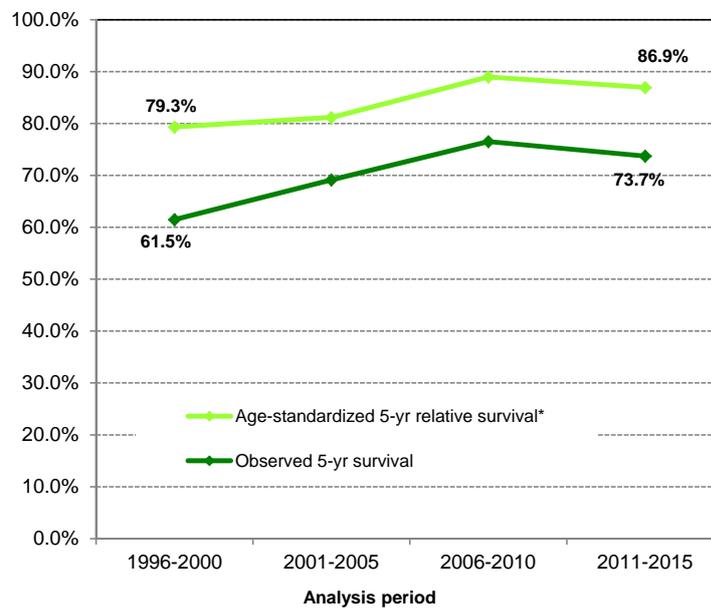
* Relative Survival probability was calculated as the ratio of the observed survival rate in the cancer patients under study to the expected survival rate in the general population with similar gender and age distribution (Ederer II method). Relative survival represents a proxy of the cancer-specific survival. The *period* approach was used to derive more up-to-date relative survival estimates (follow-up period window= 01.01.2011-31.12.2015).

^ For international comparison consider the 5-yr age-standardized relative survival probability rate (Corazzari I. et al., EJC 2004): (M&F) 86.9% (CI 95%: 84.3% - 89.7%).

Survival trend from 1996 to 2015 in Canton Ticino

	Analysis period	Alive at the beginning of the analysis period	Observed 5-yr survival	CI 95%	Age-standardized 5-yr relative survival*	CI 95%
Males	1996-2000	607	61.5%	57.4% - 65.3%	79.3%	72.9% - 86.3%
	2001-2005	955	69.2%	66.1% - 72.0%	81.2%	77.3% - 85.2%
	2006-2010	1227	76.5%	74.0% - 78.8%	89.0%	86.3% - 91.7%
	2011-2015	1334	73.7%	71.1% - 76.1%	86.9%	84.3% - 89.7%

Time trends in 5-year survival rates (Males)



* Age-standardized Relative Survival probability (Corazziari I. et al., EJC 2004) was calculated as the ratio of the observed survival rate in the cancer patients under study to the expected survival rate in the general population with similar gender and age distribution (Ederer II method). The cohort approach was used for the periods 1996-2000, 2001-2005 and 2006-2010, while for the years 2011-2015 we used the period approach to derive more up-to-date relative survival estimates (follow-up period window= 01.01.2011-31.12.2015).