

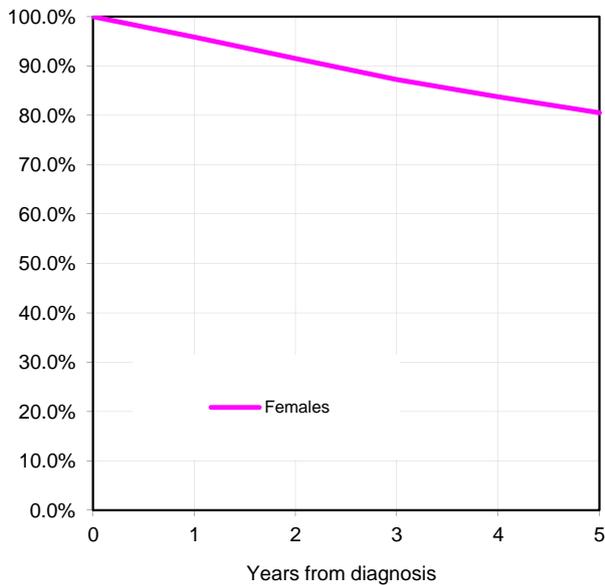
C50 BREAST

Ticino Cancer Registry

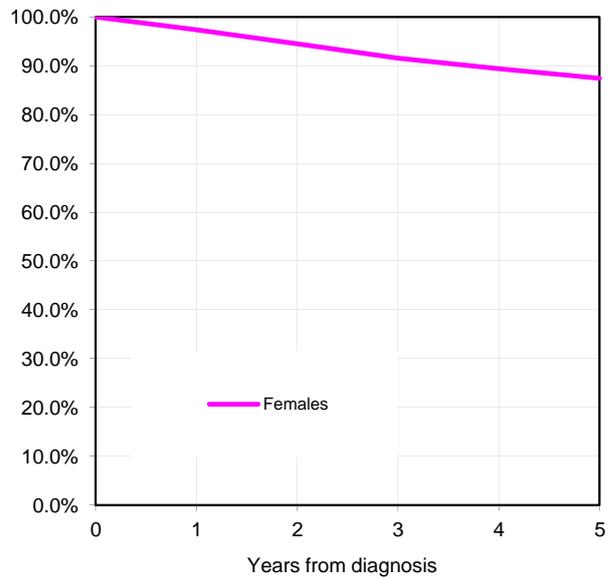
Analysis period: 2011-2015

	Years from diagnosis	Alive at start	Observed Survival	CI 95%	Relative Survival *	CI 95%
Females	1 year	1890	95.8%	94.7% - 96.7%	97.4%	96.2% - 98.2%
	2 years	1763	91.5%	90.0% - 92.8%	94.5%	92.9% - 95.8%
	3 years	1654	87.3%	85.5% - 88.8%	91.6%	89.7% - 93.2%
	5 years	1411	80.5%	78.4% - 82.4%	87.4%^	85.2% - 89.5%

Observed Survival



Relative Survival *



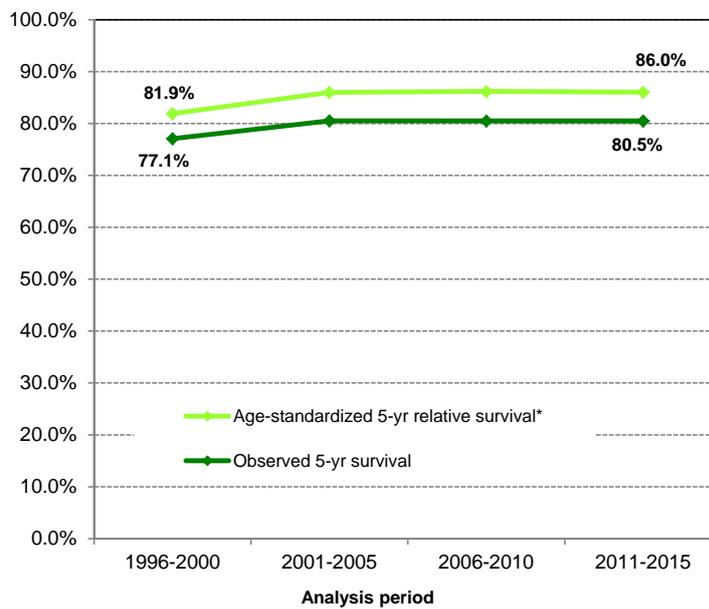
* Relative Survival probability was calculated as the ratio of the observed survival rate in the cancer patients under study to the expected survival rate in the general population with similar gender and age distribution (Ederer II method). Relative survival represents a proxy of the cancer-specific 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 (Corazziari I. et al., EJC 2004): (M&F) 86.0% (CI 95%: 83.6% - 88.5%).

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%
Females	1996-2000	1106	77.1%	74.5% - 79.5%	81.9%	78.7% - 85.2%
	2001-2005	1230	80.5%	78.2% - 82.6%	86.0%	83.2% - 88.9%
	2006-2010	1407	80.5%	78.3% - 82.5%	86.2%	83.8% - 88.7%
	2011-2015	1890	80.5%	78.4% - 82.4%	86.0%	83.6% - 88.5%

Time trends in 5-year survival rates (Females)



* 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).