

North Carolina Retirement Systems COLA and CPI-U History

Year *	Retiree COLA		Formula Increase		Total Increase		National	South Region
	TSERS	LGERS	TSERS	LGERS	TSERS	LGERS	CPI-U	CPI-U
1985	3.8%	3.8%	0.0%	0.0%	3.8%	3.8%	3.8%	3.2%
1986	4.0%	4.0%	0.0%	0.0%	4.0%	4.0%	1.1%	0.9%
1987	3.6%	3.6%	1.2%	1.2%	4.8%	4.8%	4.4%	3.9%
1988	3.5%	3.5%	1.9%	1.9%	5.4%	5.4%	4.4%	3.9%
1989	6.1%	6.1%	0.6%	0.6%	6.7%	6.7%	4.6%	4.1%
1990	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.1%	6.1%
1991	1.6%	1.6%	3.6%	3.6%	5.2%	5.2%	3.1%	2.6%
1992	1.6%	1.6%	0.6%	0.0%	2.2%	1.6%	2.9%	2.7%
1993	3.5%	2.8%	1.2%	0.6%	4.7%	3.4%	2.7%	3.1%
1994	2.0%	2.0%	1.2%	1.3%	3.2%	3.3%	2.7%	2.7%
1995	4.4%	4.4%	0.0%	0.0%	4.4%	4.4%	2.5%	2.9%
1996	4.0%	4.0%	2.2%	2.3%	6.2%	6.3%	3.3%	3.2%
1997	2.5%	2.5%	0.0%	0.6%	2.5%	3.1%	1.7%	1.4%
1998	2.3%	1.0%	0.0%	0.0%	2.3%	1.0%	1.6%	1.5%
1999	3.6%	3.8%	0.6%	0.6%	4.2%	4.4%	2.7%	2.5%
2000	2.0%	2.0%	0.0%	1.7%	2.0%	3.7%	3.4%	2.9%
2001	1.4%	1.4%	0.6%	0.6%	2.0%	2.0%	1.6%	1.1%
2002	1.3%	2.0%	0.0%	1.5%	1.3%	3.5%	2.4%	2.5%
2003	** 1.7%	0.0%	0.0%	0.0%	1.7%	0.0%	1.9%	1.7%
2004	2.0%	2.5%	0.0%	0.0%	2.0%	2.5%	3.3%	3.3%
2005	3.0%	2.8%	0.0%	0.0%	3.0%	2.8%	3.4%	3.7%
2006	2.2%	2.2%	0.0%	0.0%	2.2%	2.2%	2.5%	2.5%
2007	2.2%	2.15%	0.0%	0.0%	2.2%	2.2%	4.1%	4.4%
2008	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	2.9%
2010	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.4%
2011	1.0%	0.0%	0.0%	0.0%	1.0%	0.0%	3.0%	3.3%
2012	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	1.7%
2013	1.0%	0.0%	0.0%	0.0%	1.0%	0.0%	1.5%	1.8%
2014	TBD	0.625%	TBD	TBD	TBD	TBD	0.8%	0.6%
Average	2.5%	2.3%	0.4%	0.5%	3.0%	2.9%	2.8%	2.7%

* Percentage change in CPI from December of prior year; COLA effective July 1 of following year.

** In 2003, a "catch-up" COLA of 6% was given to those LGERS members who retired before July 1, 1982 and a COLA of 1.6% was given to those LGERS members who retired between July 1, 1982 and July 1, 1993.

North Carolina Retirement Systems

Effect of Inflation on Real Value of Pension Benefits

Year of Retirement	Cumulative National CPI-U*	Cumulative Adjustments**	TSERS	Cumulative Adjustments**	LGERS
			Relative Real Value Using National CPI***		Relative Real Value Using National CPI***
1985	2.23	2.15	96%	2.11	95%
1986	2.15	2.07	96%	2.04	95%
1987	2.12	1.99	94%	1.96	92%
1988	2.03	1.90	93%	1.87	92%
1989	1.95	1.80	92%	1.77	91%
1990	1.86	1.69	91%	1.66	89%
1991	1.75	1.69	96%	1.66	95%
1992	1.70	1.60	94%	1.58	93%
1993	1.65	1.57	95%	1.55	94%
1994	1.61	1.50	93%	1.50	93%
1995	1.57	1.45	93%	1.45	93%
1996	1.53	1.39	91%	1.39	91%
1997	1.48	1.31	89%	1.31	89%
1998	1.46	1.28	88%	1.27	87%
1999	1.43	1.25	87%	1.26	88%
2000	1.40	1.20	86%	1.21	86%
2001	1.35	1.18	87%	1.16	86%
2002	1.33	1.15	87%	1.14	86%
2003	1.30	1.14	88%	1.10	85%
2004	1.27	1.12	88%	1.10	86%
2005	1.23	1.10	89%	1.07	87%
2006	1.19	1.07	89%	1.05	88%
2007	1.16	1.04	90%	1.02	88%
2008	1.12	1.02	91%	1.00	90%
2009	1.12	1.02	91%	1.00	90%
2010	1.09	1.02	94%	1.00	92%
2011	1.07	1.02	95%	1.00	93%
2012	1.04	1.01	97%	1.00	96%
2013	1.02	1.01	99%	1.00	98%
2014	1.01	1.00	99%	1.00	99%

*Based on percentage change in CPI from December of prior year

**Includes all adjustments that have been applied to benefits for individuals retiring in year shown;
does not include any COLAs effective July 1, 2015

***This is the real value of 2015 retirement benefits relative to the nominal value of 2015 retirement benefits