

Bradley County Mortality Experience

- **Number of Infant Deaths Per 1,000 Live Births -** Bradley County’s twelve-year trend is slightly unstable due to small numbers. Historically, the trend is lower than the State and equal to the Southeast Region. Annually, county residents give birth to about 1,000 babies each year of which an average of 9 will not live through their first year. The national “Year 2000 Objective” is 7.0 per 1,000 live births.
- **Number of Neonatal Deaths Per 1,000 Live Births -** While the trend is moderately unstable due to small numbers, Bradley County’s rate of neonatal deaths is higher than the Southeast Region, but lower than the State. However, all trends hover between 3 and 8 neonatal deaths per 1,000 live births during the twelve-year period.
- **Leading Cause of Death for 1-4 Year Olds With Mortality Rates per 100,000 Population -** The leading cause of death for 1-4 year olds was accidents and adverse affects. The Bradley County trend is unstable due to small numbers and is lower than the State and higher than the Southeast Region. The rates have decreased over the twelve-year trend (25.6 deaths per 100,000 in 1983 to 17.1 deaths per 100,000 in 1994).
- **Leading Cause of Death for 5-14 Year Olds With Mortality Rates Per 100,000 Population -** The leading cause of death for 5-14 year olds was accidents and adverse affects, also. While characterized as slightly unstable due to small numbers, the Bradley County trend has decreased dramatically (28 deaths per 100,000 in 1983 to 6.4 deaths per 100,000 in 1994), and is lower than the State and the Southeast Region.
- **Leading Cause of Death for 15-24 Year Olds With Mortality Rates Per 100,000 Population -** Although the leading cause of death for the 15-24 year old age group was accidents and adverse affects, Bradley County’s trend is lower than that of the State and the Southeast Region. However, from 1983 to 1994, there was a 51.9% increase in the number of deaths attributed to suicide for the 15-24 year old age group.

CAUSE	83-85	84-86	85-87	86-88	87-89	88-90	89-91	90-92	91-93	92-94	Percent Change
Suicide	13.3	13.4	13.5	21.7	16.4	13.8	5.6	11.3	11.4	20.2	51.9

- **Leading Cause of Death for 25-44 Year Olds With Mortality Rates Per 100,000 Population -** The leading cause of death for the 25-44 year old age group is accidents and adverse affects. Traditionally, Bradley County’s trend is slightly unstable due to small numbers, but is lower than that of the State and the Southeast Region. However, from 1983 to 1994, there was a 18.5% increase in the number of deaths attributed to malignant neoplasms for the 25-44 year old age group.

CAUSE	83-85	84-86	85-87	86-88	87-89	88-90	89-91	90-92	91-93	92-94	Percent Change
Malignant Neoplasms	32.4	30.3	31.4	34.0	35.1	34.7	27.2	30.0	29.9	38.4	18.5

- **Leading Cause of Death for 45-64 Year Olds With Mortality Rates Per 100,000 Population -** The leading cause of death for the 45-64 year old age group was malignant neoplasms. While characterized as unstable, the Bradley County trend has remained consistent with the State and the Southeast Region throughout the twelve-year trend. The trend was generally higher in the early 1990’s with a 1989 to 1991 three-year average rate of 335.6 and a 1991 to 1993 three-year average rate of 341.5, before coming back down with a 1992 to 1994 three-year average rate of 298.8.
- **Leading Cause of Death for 65+ Year Olds With Mortality Rates Per 100,000 Population -** The leading cause of death for the 65+ year old age group was diseases of the heart. The Bradley County trend is stable and lower than that of the State and the Southeast Region from 1983-1994.
- **White Male Age-Adjusted Mortality Rate Per 100,000 Population -** The Bradley County trend is historically higher than the State and lower than the Southeast Region. The trend is characterized as unstable, fluctuating between a 1992-1994 three-year average low rate of 679 and a 1987-1989 three-year average high rate of 777.