

Mortality Statistics

CONTENTS

1. Age-adjusted death rates for selected causes for the total population by county and year
2. Flu and pneumonia rates by gender, race, county, and year
3. Leading causes of death for person 0-19 years old by county and year
4. Leading causes of death for person 20-39 years old by county and year
5. Leading causes of death for person 40-64 years old by county and year
6. Leading causes of death for person 65-84 years old by county and year
7. Leading causes of death for person 85+ years old by county and year
8. Unadjusted death rates by county and year
9. Age-adjusted death rates by cause, gender, race, and year—Granville County
10. Age-adjusted death rates by cause, gender, race, and year—Vance County
11. Age-adjusted death rates for males by cause, county, and year
12. Age-adjusted death rates for females by cause, county, and year

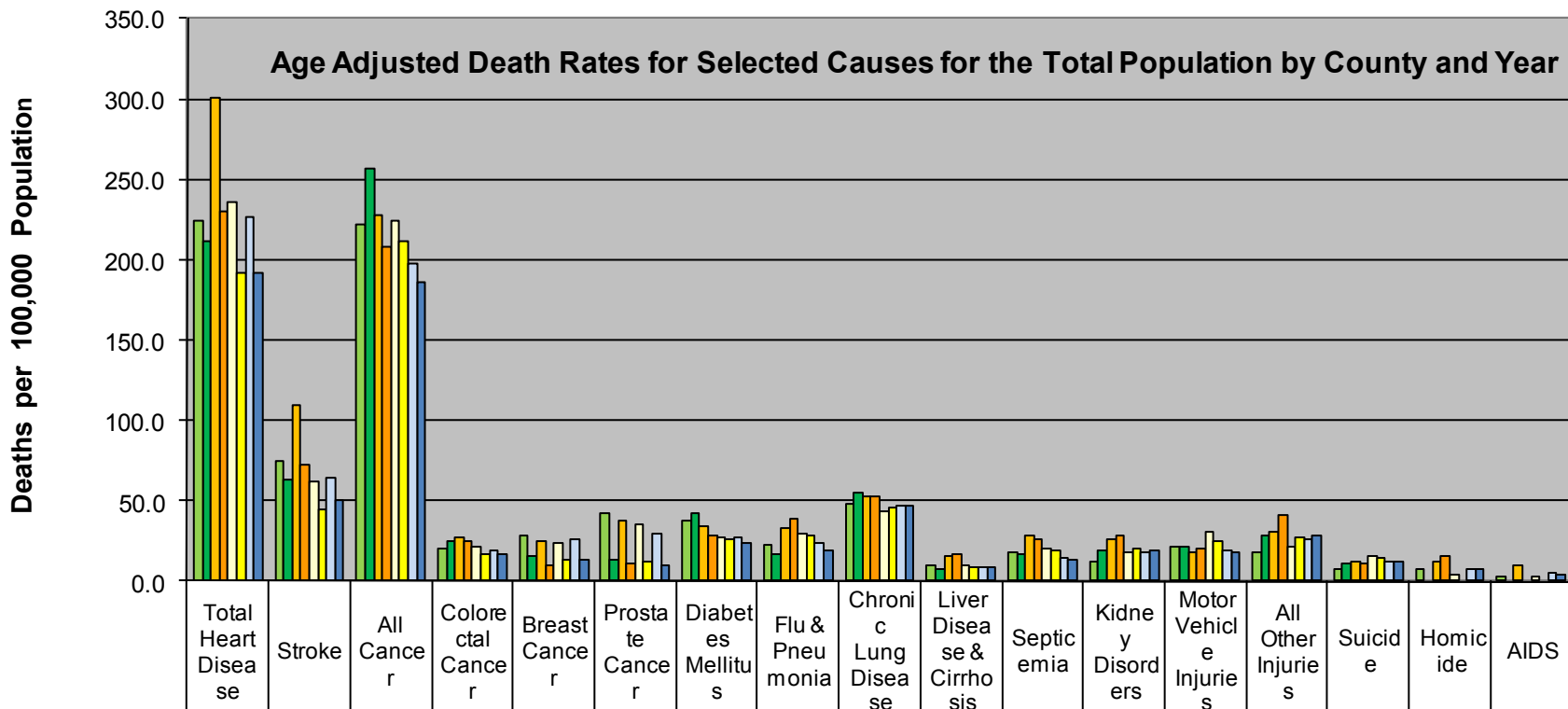
Unadjusted / Crude Death Rates

“A crude or unadjusted death rate is the number of deaths divided by the population at risk, multiplied by some constant (often 1000) so the result is not a fraction. The crude death rate is a good measure of the overall magnitude of mortality in a population. If a population is old and has a high mortality rate as a result, then the crude rate is useful information for planning for the delivery of some health care services.”

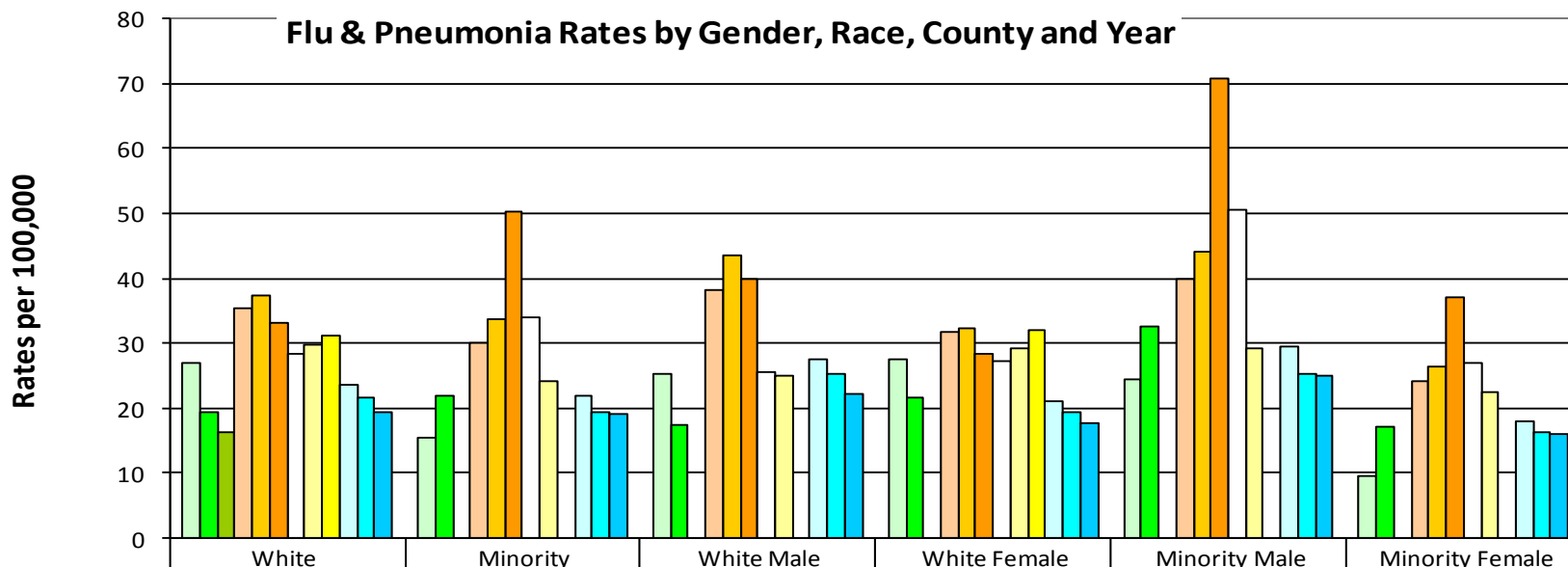
Age-Specific / Age-Adjusted Death Rates

“An age specific death rate is simply the crude death rate for a specific age group—meaning the number of deaths divided by the number of people in an age class times a constant (in this case 100,000) to eliminate fractions. The main purpose of age-adjusting death rates is to control for differences in the age-distribution of various populations before making comparisons. ...Some populations may have a higher proportion of persons in the age groups with the highest death rates”

Statistical Primer #13—Age-Adjusted Death Rates by Paul A. Buescher; State Center for Health Statistics; PO Box 28538, Raleigh, NC 27626-0538; August 1998

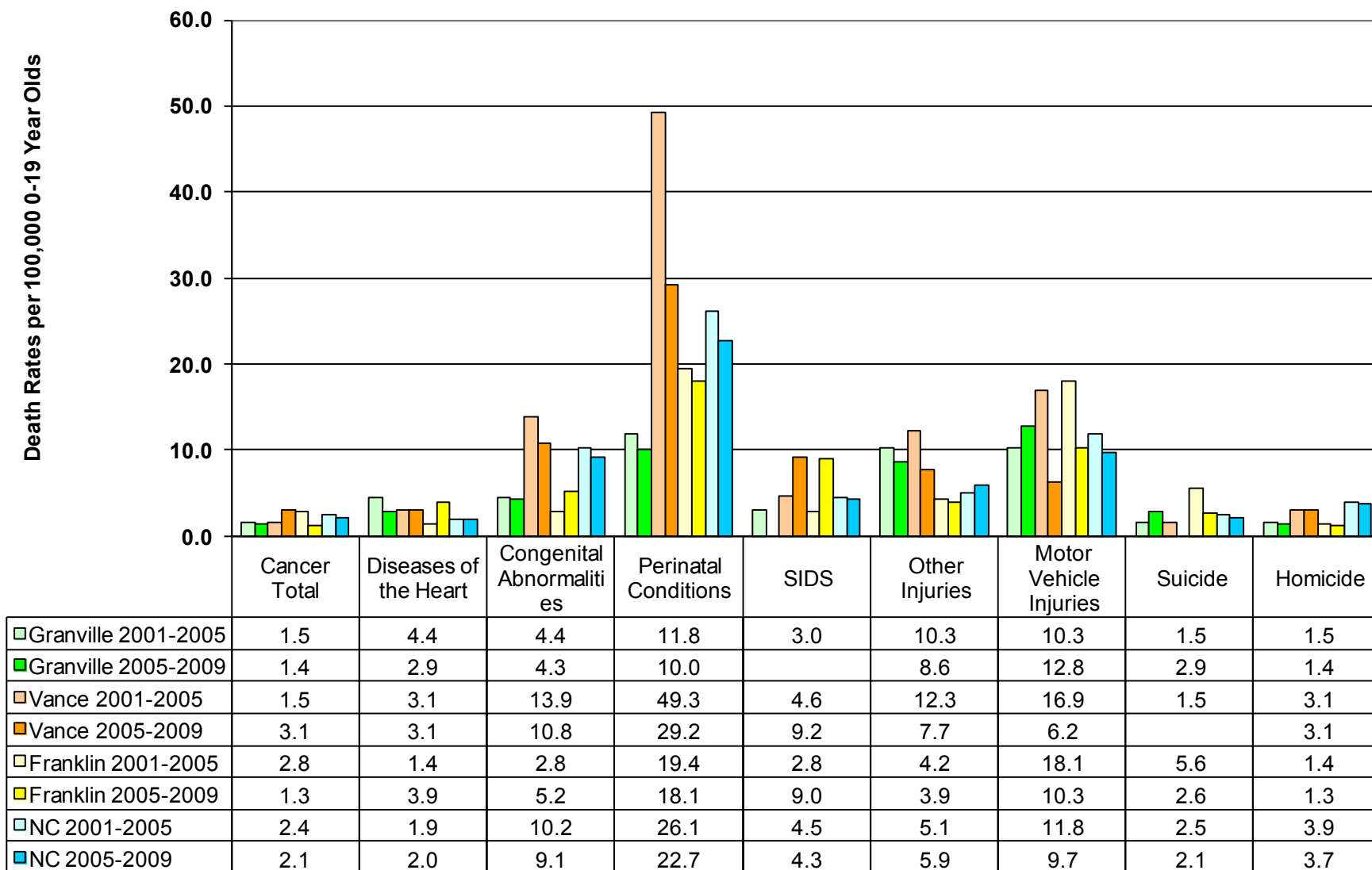


	Total Heart Disease	Stroke	All Cancer	Colorectal Cancer	Breast Cancer	Prostate Cancer	Diabetes Mellitus	Flu & Pneumonia	Chronic Lung Disease	Liver Disease & Cirrhosis	Septicemia	Kidney Disorders	Motor Vehicle Injuries	All Other Injuries	Suicide	Homicide	AIDS
Granville 2001-2005	224.7	75.3	222.2	20.0	28.7	42.7	37.5	22.4	47.9	10.1	18.4	12.5	20.9	18.1	7.1	7.1	2.9
Granville 2005-2009	212.0	63.3	256.3	25.4	15.5	13.0	42.0	17.1	54.7	7.2	16.7	19.4	21.1	27.9	11.5	0.0	0.0
Vance 2001-2005	301.3	109.8	227.9	27.2	24.8	37.7	34.0	33.2	52.5	16.1	28.5	26.0	18.3	30.6	11.9	11.6	10.0
Vance 2005-2009	230.3	71.9	207.8	24.7	9.4	11.4	28.0	39.2	52.9	16.8	26.5	28.1	20.7	41.5	11.2	16.1	0.0
Franklin 2001-2005	236.2	62.2	224.1	21.3	23.9	34.9	27.3	29.9	44.0	9.7	19.8	17.9	30.2	21.0	15.5	4.6	2.7
Franklin 2005-2009	191.6	44.6	211.9	17.2	13.7	12.0	26.0	28.0	46.0	8.4	19.1	19.9	25.1	27.1	14.2	0.0	0.0
NC 2001-2005	226.8	64.7	197.7	18.6	26.0	29.9	27.6	23.3	46.9	8.8	14.5	17.9	19.3	26.0	11.6	7.2	5.2
NC 2005-2009	191.7	50.5	185.6	16.5	13.4	9.6	23.6	19.4	47.0	9.1	13.8	18.7	17.6	28.6	12.0	7.0	4.2

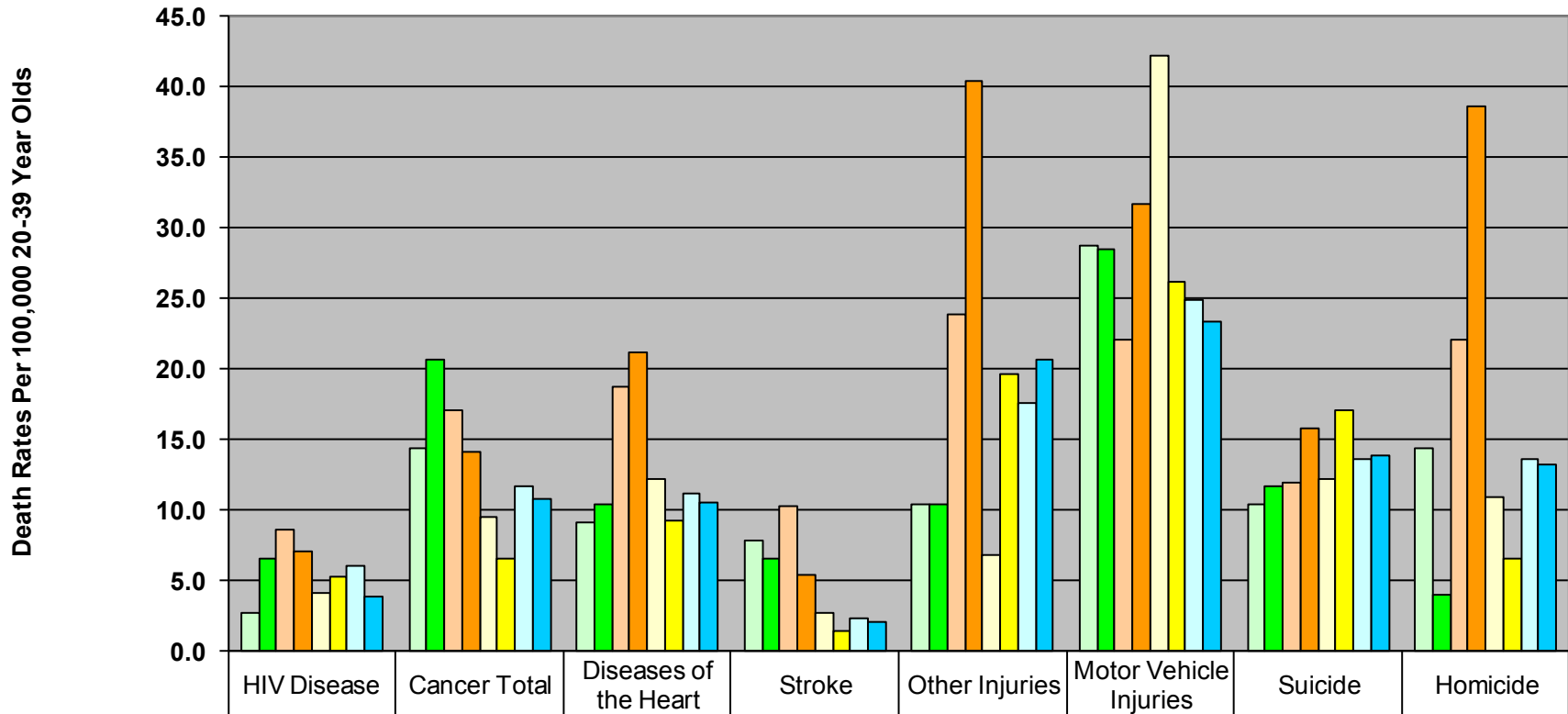


	White	Minority	White Male	White Female	Minority Male	Minority Female
Granville 2001-2005	27.1	15.4	25.2	27.6	24.4	9.6
Granville 2003-2007	19.4	21.9	17.5	21.6	32.7	17.1
Granville 2005-2009	16.2	0.0	0.0	0.0	0.0	0.0
Vance 2001-2005	35.4	30.1	38.3	31.8	40.0	24.3
Vance 2003-2007	37.3	33.6	43.5	32.4	44.2	26.3
Vance 2005-2009	33.3	50.4	40.0	28.3	70.9	37.0
Franklin 2001-2005	28.3	34.0	25.6	27.2	50.7	27.1
Franklin 2003-2007	29.7	24.1	25.0	29.1	29.2	22.4
Franklin 2005-2009	31.1	0.0	0.0	32.0	0.0	0.0
NC 2001-2005	23.5	22.0	27.6	21.0	29.5	17.9
NC 2003-2007	21.7	19.5	25.3	19.5	25.2	16.3
NC 2005-2009	19.4	19.2	22.2	17.7	25.0	16.1

Leading Causes of Death for Persons 0-19 Years Old by County and Year

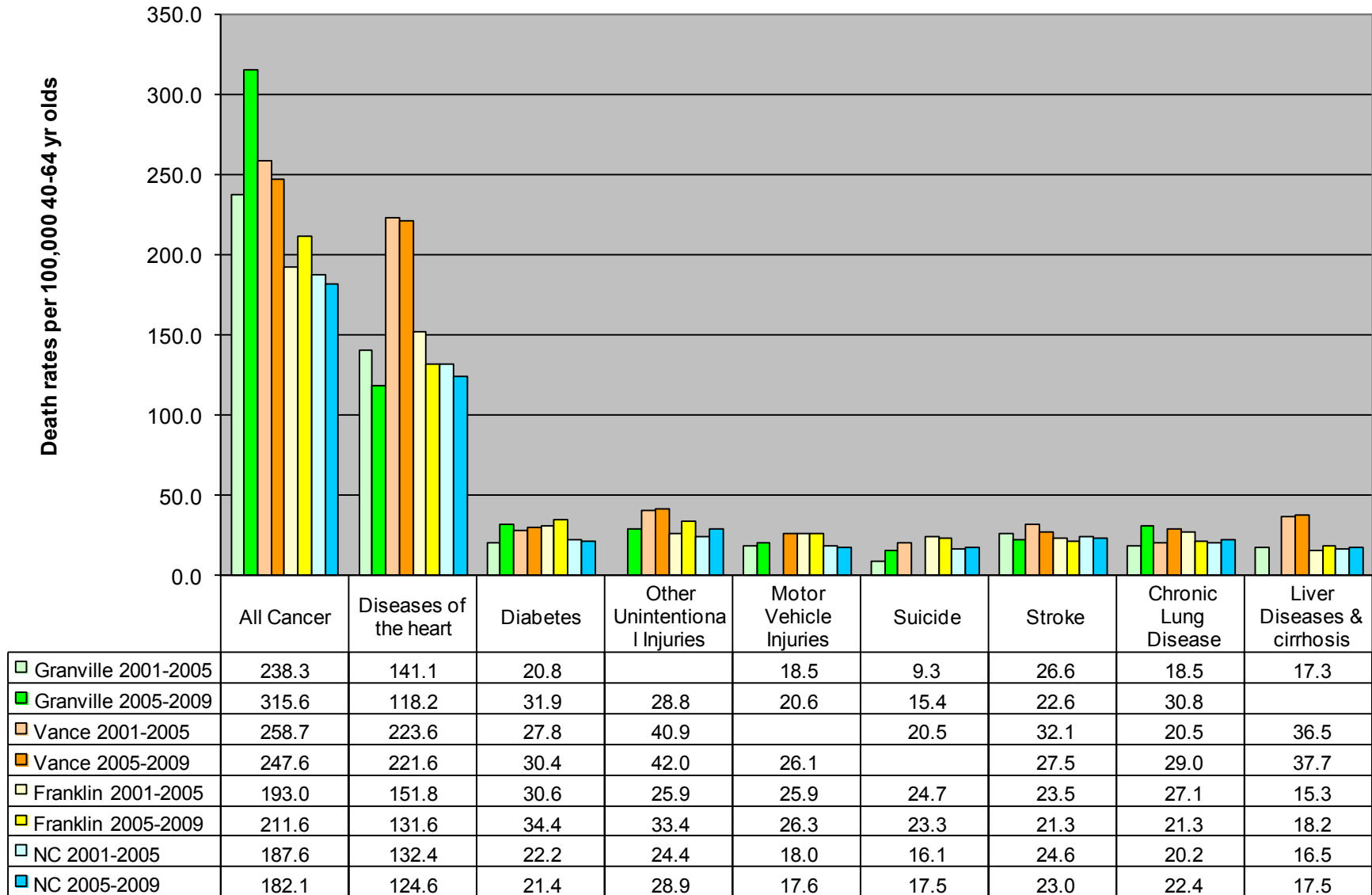


Leading Causes of Death for Persons 20-39 Years Old by County and Year

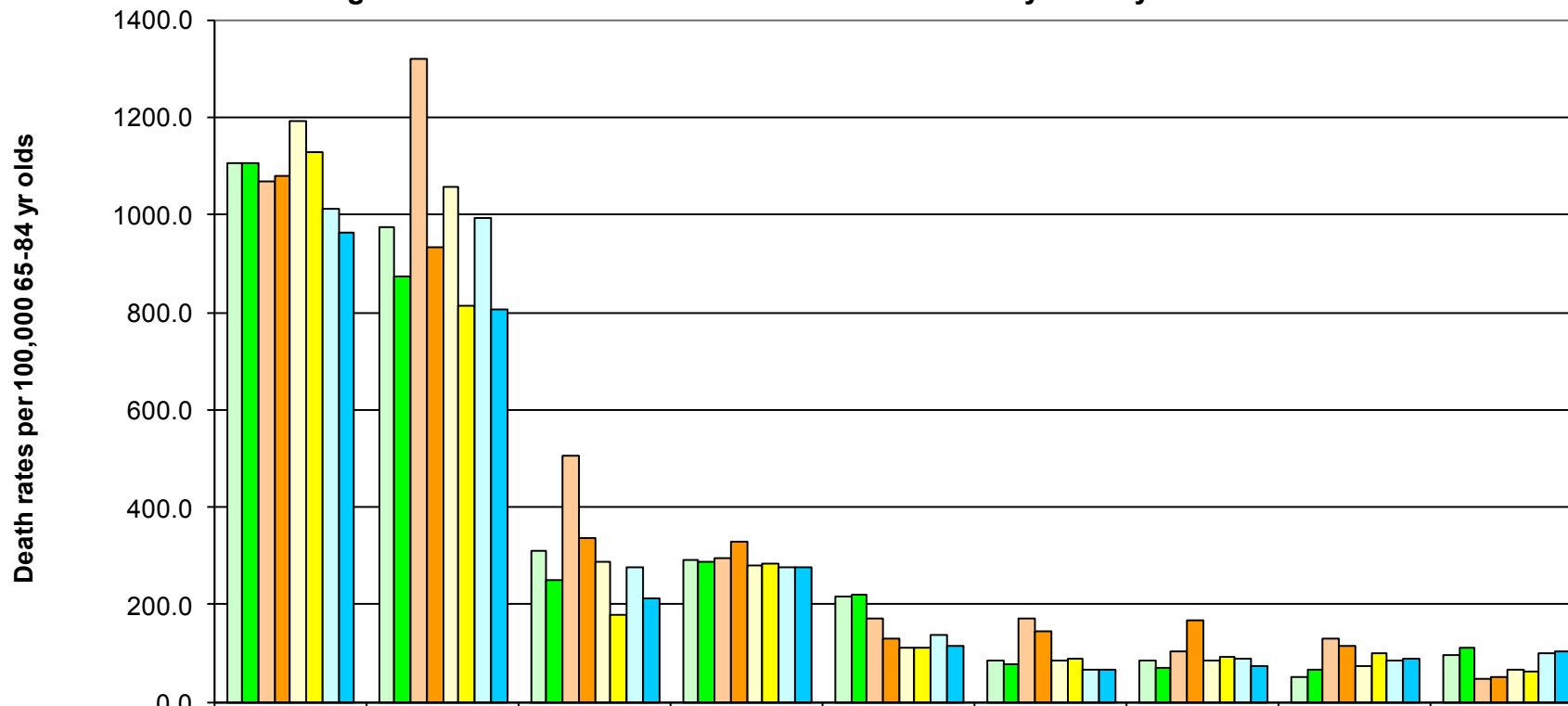


	HIV Disease	Cancer Total	Diseases of the Heart	Stroke	Other Injuries	Motor Vehicle Injuries	Suicide	Homicide
Granville 2001-2005	2.6	14.3	9.1	7.8	10.4	28.7	10.4	14.3
Granville 2005-2009	6.5	20.7	10.4	6.5	10.4	28.5	11.7	3.9
Vance 2001-2005	8.5	17.0	18.7	10.2	23.8	22.1	11.9	22.1
Vance 2005-2009	7.0	14.1	21.1	5.3	40.5	31.7	15.8	38.7
Franklin 2001-2005	4.1	9.5	12.2	2.7	6.8	42.2	12.2	10.9
Franklin 2005-2009	5.2	6.5	9.2	1.3	19.6	26.2	17.0	6.5
NC 2001-2005	6.0	11.6	11.1	2.2	17.6	24.9	13.6	13.6
NC 2005-2009	3.8	10.8	10.5	2.0	20.7	23.4	13.8	13.2

Leading Causes of Death for Persons 40-64 Years Old by County and Year

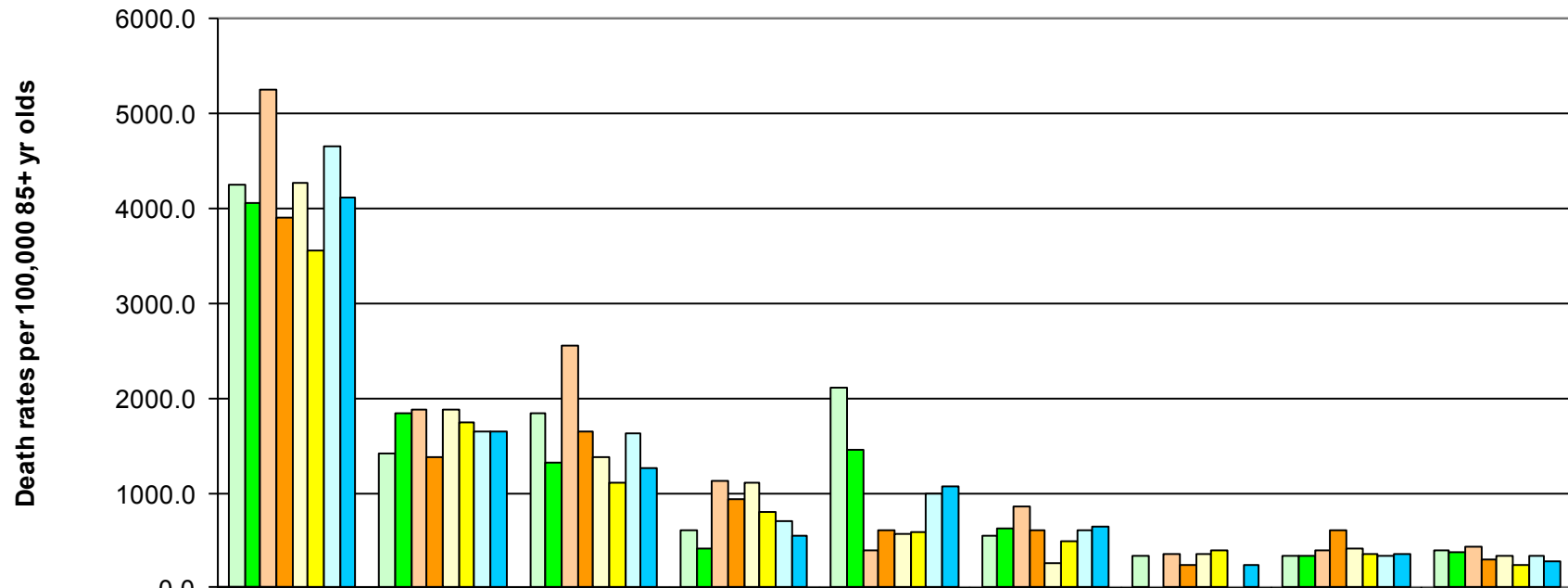


Leading Causes of Death for Persons 65-84 Years Old by County and Year



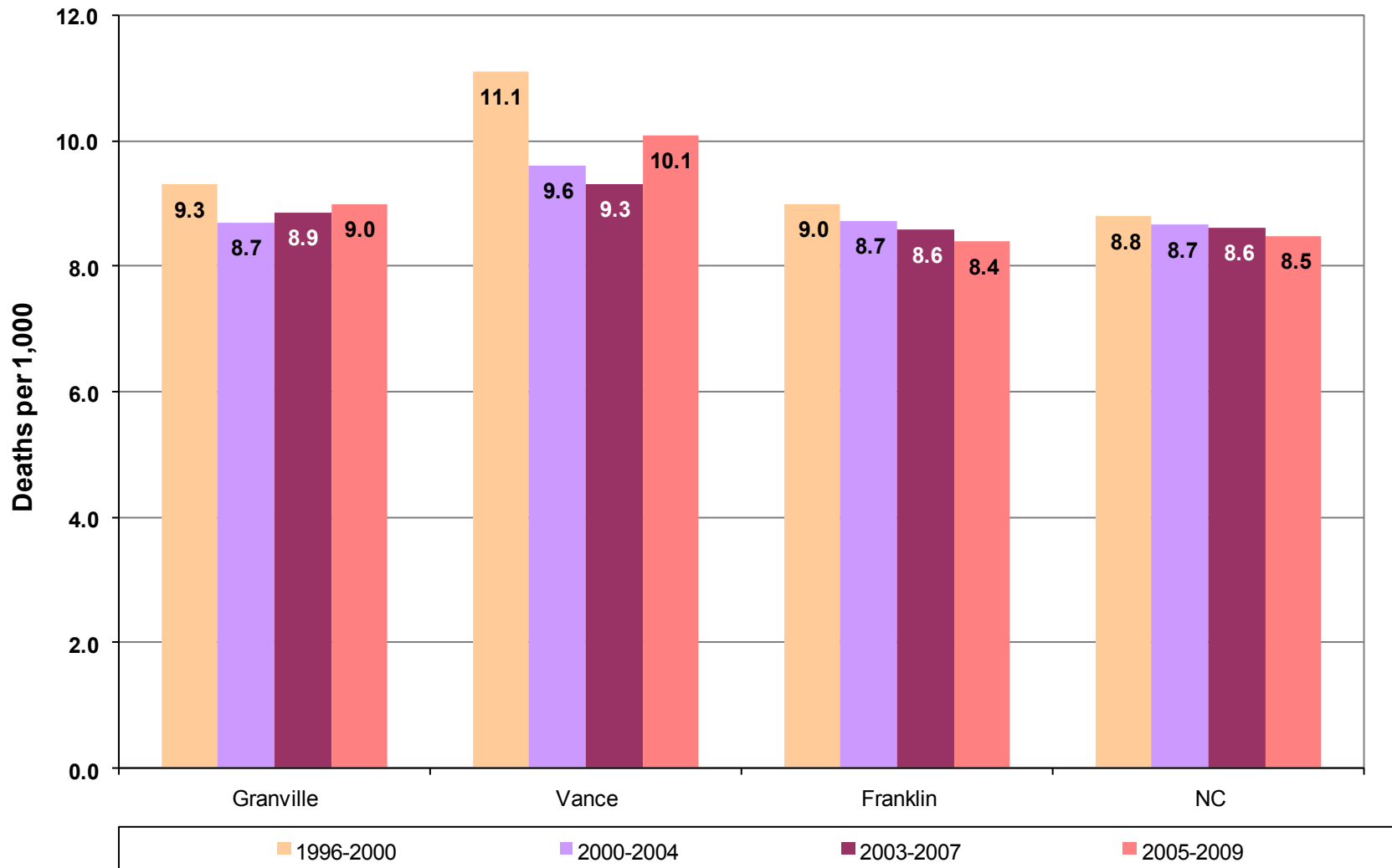
	All Cancer	Diseases of the heart	Stroke	Chronic Lung Disease	Diabetes	Septicemia	Flu & Pneumonia	Kidney Disease	Alzheimer's Disease
Granville 2001-2005	1106.4	975.8	311.2	292.0	215.1	84.5	84.5	49.9	96.0
Granville 2005-2009	1108.5	872.0	250.6	289.5	218.9	77.7	70.6	67.1	113.0
Vance 2001-2005	1068.4	1322.0	507.2	295.2	170.4	170.4	103.9	128.9	45.7
Vance 2005-2009	1082.1	932.2	337.1	328.8	129.0	145.7	166.5	116.5	49.9
Franklin 2001-2005	1191.4	1058.1	287.4	279.1	112.5	83.3	83.3	75.0	66.7
Franklin 2005-2009	1128.0	815.3	178.7	282.9	111.7	89.3	93.1	100.5	63.3
NC 2001-2005	1013.8	993.4	277.0	277.8	137.4	66.6	87.2	85.4	100.3
NC 2005-2009	962.4	804.5	213.7	276.1	114.6	65.1	74.0	87.6	102.6

Leading Causes of Death for Persons 85+ Years Old by County and Year

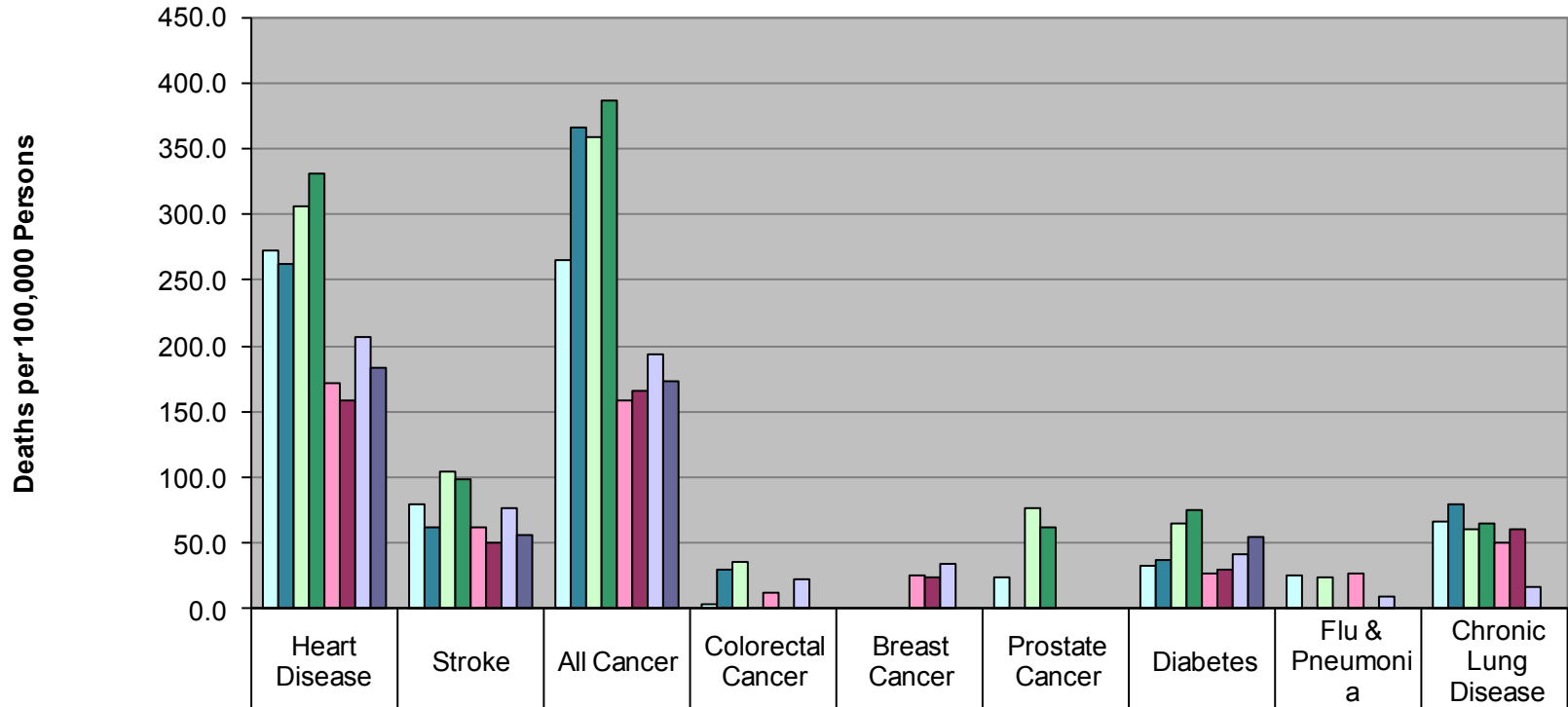


	Diseases of the heart	All Cancer	Stroke	Flu & Pneumonia	Alzheimer's Disease	Chronic Lung Disease	Septicemia	Kidney Disease	Diabetes
Granville 2001-2005	4262.4	1420.8	1844.0	604.6	2116.1	544.1	332.5	332.5	393.0
Granville 2005-2009	4065.9	1840.7	1318.7	412.1	1456.0	631.9		329.7	384.6
Vance 2001-2005	5258.4	1884.5	2553.2	1124.6	395.1	851.1	364.7	395.1	425.5
Vance 2005-2009	3900.4	1380.1	1650.2	930.1	600.1	600.1	240.0	600.1	300.0
Franklin 2001-2005	4277.6	1884.5	1376.0	1106.8	568.4	269.2	359.0	418.8	329.0
Franklin 2005-2009	3568.5	1742.7	1106.5	802.2	580.9	497.9	387.3	359.6	249.0
NC 2001-2005	4661.3	1641.6	1632.7	704.9	993.9	612.8		336.9	332.1
NC 2005-2009	4121.0	1649.6	1259.1	555.8	1066.2	652.7	232.7	365.9	287.3

Unadjusted Death Rates by County and Year

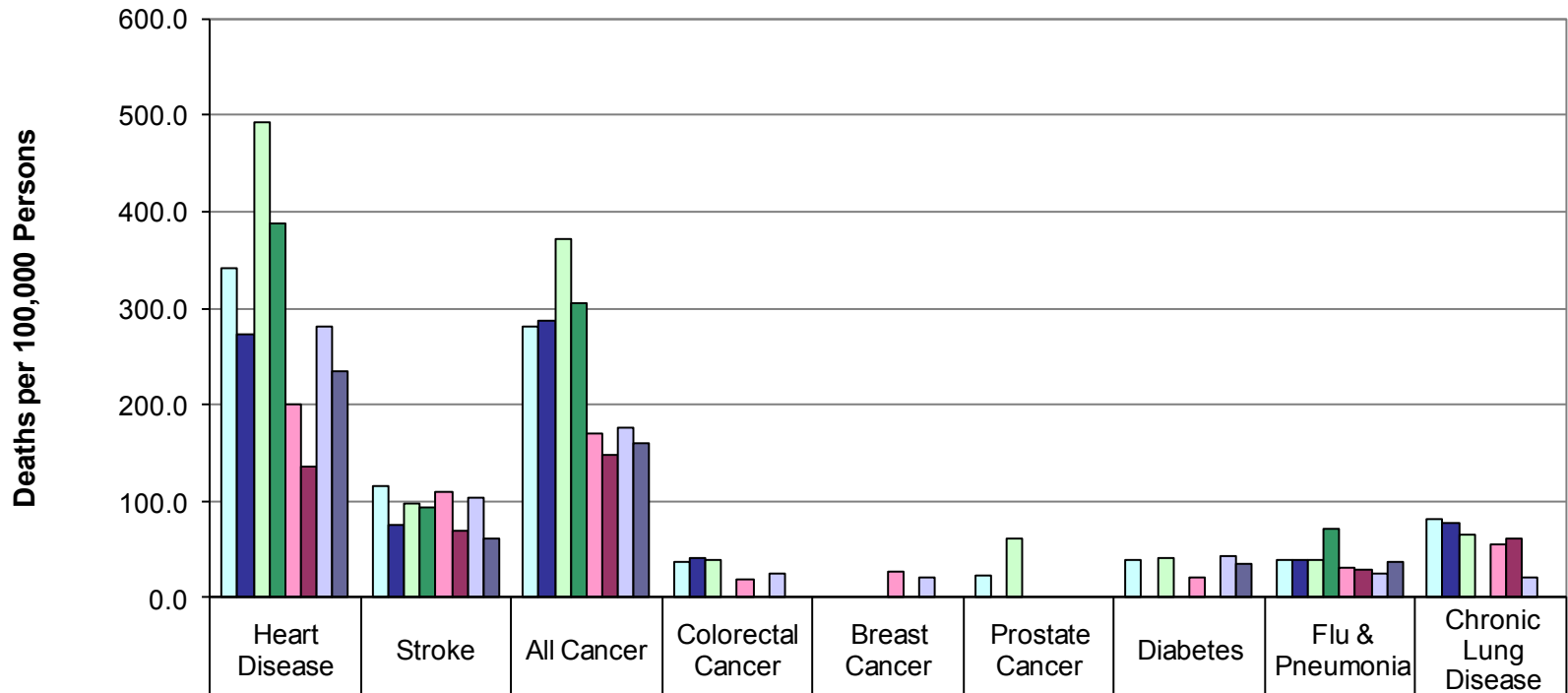


Age Adjusted Death Rates by Cause, Gender, Race and Year - Granville County



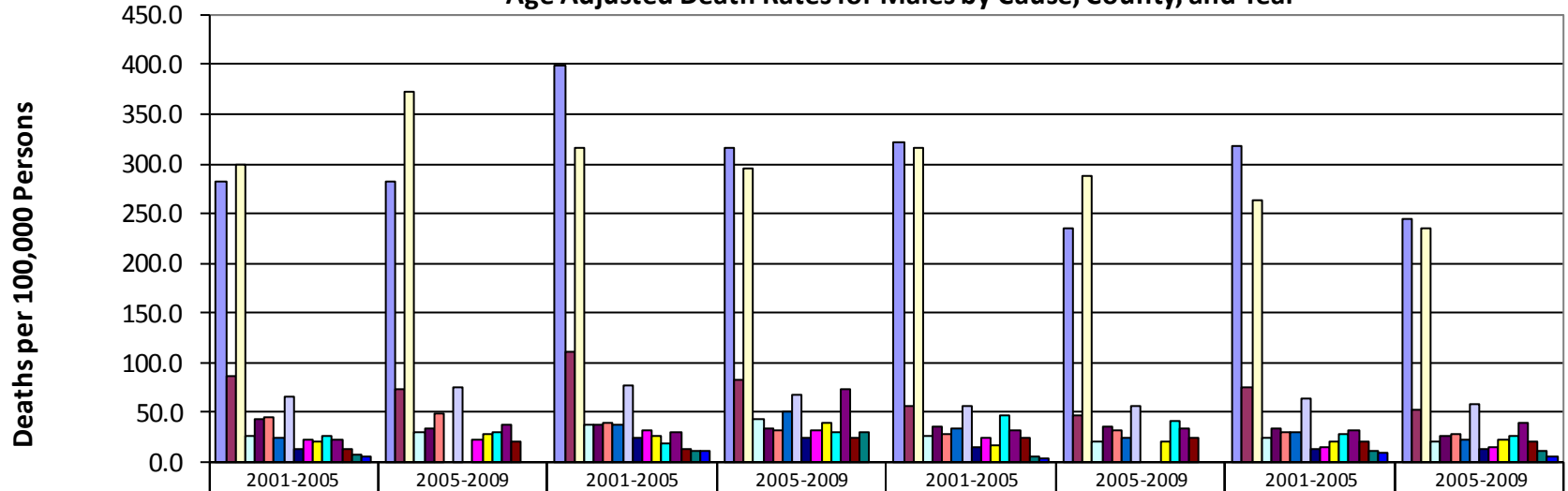
	Heart Disease	Stroke	All Cancer	Colorectal Cancer	Breast Cancer	Prostate Cancer	Diabetes	Flu & Pneumonia	Chronic Lung Disease
Men White 2001-2005	272.7	79.8	264.9	2.8	0.0	24.0	33.0	25.2	67.0
Men White 2005-2009	262.7	61.3	366.6	30.1	0.0	0.0	37.4	0.0	79.7
Men Minority 2001-2005	306.3	103.7	359.1	35.1	0.0	77.3	64.9	24.4	60.6
Men Minority 2005-2009	330.6	97.8	387.1	0.0	0.0	61.6	74.8	0.0	64.6
Women White 2001-2005	172.3	62.4	158.9	12.4	26.1	0.0	26.2	27.6	50.4
Women White 2005-2009	159.0	50.5	165.9	0.0	23.4	0.0	29.8	0.0	60.1
Women Minority 2001-2005	207.2	77.3	192.9	22.4	34.0	0.0	41.6	9.6	16.1
Women Minority 2005-2009	183.7	56.1	173.5	0.0	0.0	0.0	54.5	0.0	0.0

Age Adjusted Death Rates by Cause, Gender, Race and Year - Vance County

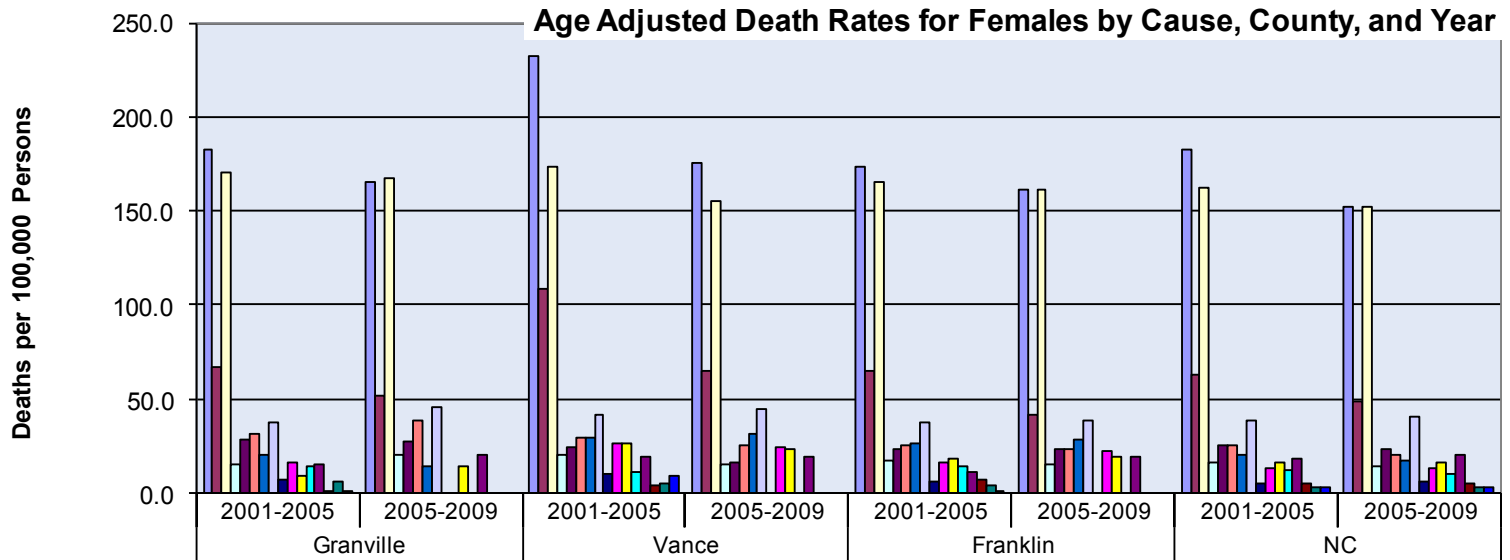


	Heart Disease	Stroke	All Cancer	Colorectal Cancer	Breast Cancer	Prostate Cancer	Diabetes	Flu & Pneumonia	Chronic Lung Disease
Men White 2001-2005	340.8	116.4	281.1	36.3	0.0	23.5	38.6	38.3	82.3
Men White 2005-2009	273.7	75.1	286.9	40.2	0.0	0	0	40.0	77.9
Men Minority 2001-2005	492.2	98.5	372.1	39.8	0.0	61.0	41.3	40.0	64.9
Men Minority 2005-2009	387.1	92.9	304.5	0.0	0.0	0.0	0.0	70.9	0.0
Women White 2001-2005	199.7	109.9	170.9	18.0	26.4	0.0	20.5	31.8	55.9
Women White 2005-2009	136.2	68.3	147.7	0.0	0.0	0.0	0.0	28.3	60.7
Women Minority 2001-2005	280.4	104.5	176.9	25.9	21.7	0.0	42.6	24.3	21.1
Women Minority 2005-2009	234.5	61.5	160.8	0.0	0.0	0.0	35.7	37.0	0.0

Age Adjusted Death Rates for Males by Cause, County, and Year



	Granville		Vance		Franklin		NC	
	2001-2005	2005-2009	2001-2005	2005-2009	2001-2005	2005-2009	2001-2005	2005-2009
Heart Disease	281.7	282.4	399.5	316.3	321.1	234.1	317.0	244.9
Stroke	86.7	73.6	110.0	82.1	55.3	47.4	75.5	52.0
Total Cancer	299.8	373.4	316.1	295.3	316.7	287.7	263.8	235.3
Colorectal Cancer	26.1	30.6	37.8	42.8	25.5	20.4	23.5	19.9
Prostate Cancer	42.7	33.2	37.7	33.2	34.9	35.3	33.9	25.7
Diabetes	44.2	48.9	38.7	30.9	28.5	31.3	28.9	27.3
Flu & Pneumonia	23.9	0.0	38.1	50.2	33.2	24.9	29.8	22.6
Chronic Lung Disease	66.0	74.6	76.0	68.3	55.2	57.0	63.5	57.1
Liver Disease & Cirrhosis	13.1	0.0	24.2	24.2	14.6	0.0	13.1	12.9
Septicemia	22.5	21.5	32.0	31.0	24.8	0.0	14.8	15.1
Kidney Disease	20.1	27.6	26.0	39.1	16.5	20.3	19.7	22.4
Motor Vehicle Injuries	26.1	28.9	18.3	29.4	47.3	41.0	28.5	25.6
Other Injuries	21.8	37.5	30.6	73.3	31.3	34.4	31.8	38.4
Suicide	12.1	21.2	11.9	24.2	24.5	24.0	19.4	19.5
Homicide	8.0	0.0	11.6	29.6	5.4	0.0	11.8	10.8
AIDS	4.6	0.0	10.0	0.0	3.9	0.0	8.4	5.9



	Granville		Vance		Franklin		NC	
	2001-2005	2005-2009	2001-2005	2005-2009	2001-2005	2005-2009	2001-2005	2005-2009
Heart Disease	183.0	165.2	232.4	175.2	173.5	161.3	183.0	151.9
Stroke	67.4	52.2	108.1	64.7	65.3	41.9	63.0	48.6
Total Cancer	170.4	167.3	173.3	155.0	165.7	161.3	162.0	152.5
Colorectal Cancer	15.8	20.4	20.7	15.2	17.8	15.5	16.0	13.9
Breast Cancer	28.7	27.7	24.8	16.1	23.9	23.7	25.7	23.5
Diabetes	31.8	38.7	29.9	25.1	25.3	23.1	25.3	20.7
Flu & Pneumonia	20.8	14.7	29.2	31.2	26.9	28.5	20.5	17.4
Chronic Lung Disease	38.0	45.9	42.1	44.9	37.7	38.2	38.6	41.0
Liver Disease & Cirrhosis	7.4	0.0	10.1	0.0	6.0	0.0	5.6	5.8
Septicemia	16.8	0.0	26.3	24.4	16.4	21.9	13.6	12.8
Kidney Disease	9.2	14.6	26.9	23.5	18.4	19.1	15.9	16.4
Motor Vehicle Injuries	14.5	0.0	11.7	0.0	14.7	0.0	11.8	10.1
Other Injuries	15.6	20.0	19.8	19.2	11.2	19.5	18.3	20.1
Suicide	1.5	0.0	3.7	0.0	7.3	0.0	4.8	5.3
Homicide	5.9	0.0	5.2	0.0	3.9	0.0	3.3	3.2
AIDS	0.8	0.0	9.0	0.0	1.6	0.0	3.1	2.7