

Chapter 9

Senior Issues

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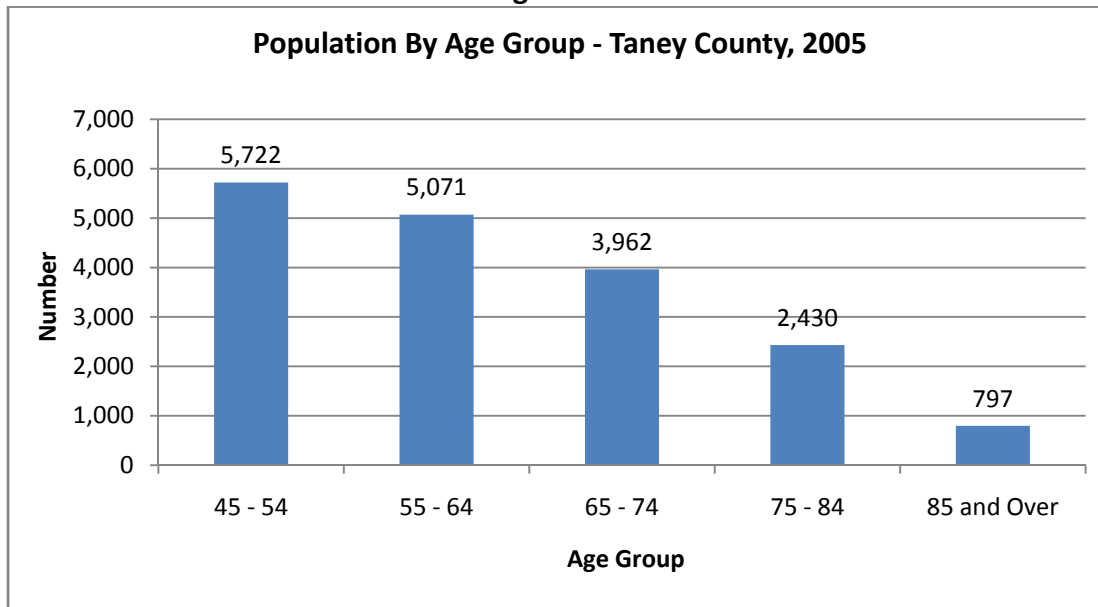
Taney County has a diversification of age typical of most areas in the Midwest that are a combination up of rural areas and small cities. Table 9.1 outlines the demographics as it relates to different age groups within Taney County. Figure 9.1 below shows this same age diversification in bar graph form.

Table 9.1

Population Estimate By Age Group - Taney County, 2005						
	45 - 54	55 - 64	65 - 74	75 - 84	85 and Over	Total for Selection
Taney County	5,722	5,071	3,962	2,430	797	17,982

Source: Missouri Department of Health and Senior Services, MICA

Figure 9.1



Source: Missouri Department of Health and Senior Services, MICA

Table 9.2

Population By Age and Gender -Taney County, 2005-2006					
	Male	Female	Total 2005	Total 2006	Percent Change 2005 to 2006
45 - 54	2,713	2,933	5,575	5,646	1.3
55 - 64	2,419	2,761	5,040	5,180	2.8
65 - 74	1,850	2,140	3,923	3,990	1.7
75 - 84	1,128	1,380	2,420	2,508	3.6
85 and Over	287	595	827	882	6.7
Total	8,397	9,809	17,785	18,206	2.4

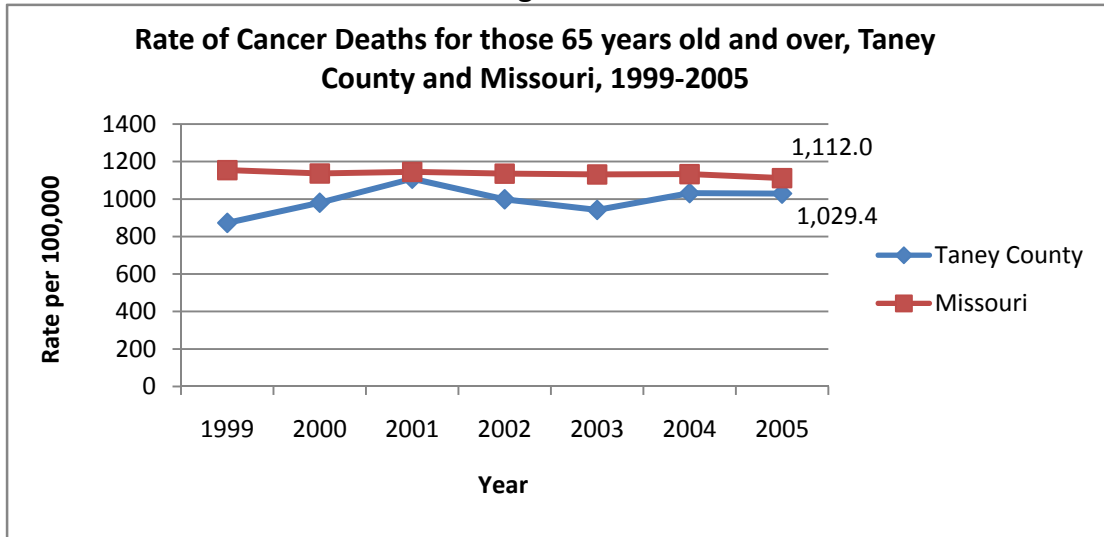
Source: Missouri Department of Health and Senior Services, MICA

Table 9.2 illustrates a comparison of age versus gender in differing age groups. The percentages are 48.1% male, 51.9% female in the 45-54 age group; 46.7% male, 53.3% female in the 55-64 age group and 46.4% male, 53.6% female in the 65-74 age group; 45% male, 55% female in the 75-84 age group; and 32.5% male, 67.5% female in the 85 and over age group.

Chronic Disease

Figure 9.1 illustrates that the rate of cancer deaths for those 65 years old and over in Taney County continued to fall below the state rate despite some fluctuating characteristic. From 2004 to 2005, the county rate stayed the same while the state rate shows a slight drop.

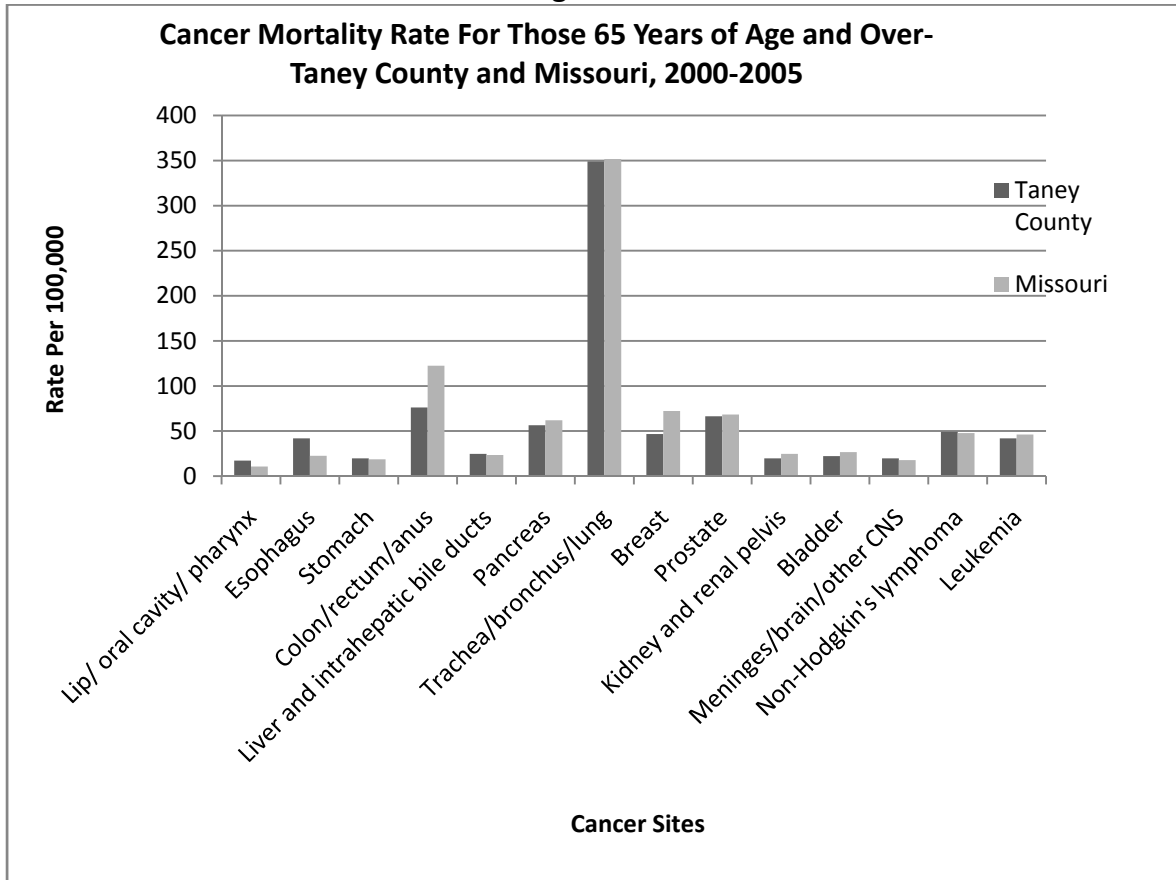
Figure 9.2



Source: Missouri Department of Health and Senior Services, MICA

Figure 9.3 illustrates the rate of Cancer Mortality for those 65 years and over who live in Taney County compared to the total population of Missouri for the same age group. Colorectal carcinoma and breast cancer were significantly lower for Taney County residents compared to the higher rate for Missouri residents, while Esophageal cancer showed a marked increase for Taney County residents.

Figure 9.3



Source: Missouri Department of Health and Senior Services, MICA

Table 9.3 provides a comparison of cancer mortality rates between Taney County and Missouri from the year 2000 to 2006 for those 65 years of age or older. Overall, Taney County had a lower rate of death due to cancer as compared to Missouri. (Table 9.3)

Table 9.3

Cancer Mortality Rates Per 100,000 For Those Over 65 Years of Age- Taney County 2000-2006			
	Taney County		Missouri
Cancer Site or Type	Number	Rate	Rate
Lip/ oral cavity/ pharynx	8	16.7	10.6
Esophagus	18	37.5	22.7
Stomach	10	20.8	18.4
Colon/rectum/anus	35	72.9	120.8
Liver and intrahepatic bile ducts	12	25	23.6
Pancreas	32	66.6	62.8
Larynx	4	@.@	6.2
Trachea/bronchus/lung	163	339.5	351.9
Skin	5	10.4	13.5
Breast	25	52.1	72
Cervix uteri	0	@.@	4.1
Uterus	5	10.4	14.5
Ovary	6	12.5	26.1
Prostate	30	62.5	68.4
Kidney and renal pelvis	11	22.9	24.6
Bladder	9	18.7	26.9
Meninges/brain/other parts of central nervous system	10	20.8	17.3
Hodgkin's disease	0	@.@	1.4
Non-Hodgkin's lymphoma	22	45.8	46.8
Leukemia	19	39.6	47.1
Multiple myeloma and immunoproliferative neoplasms	14	29.2	24.2
All other and unspecified malignant neoplasms	53	110.4	126
Total for Selection	491	1,022.60	1,130.00
Source: Missouri Department of Health and Senior Services, MICA			
@. @ indicates numbers were too low for rate calculation			

Table 9.4 provides a comparison of mortality rates for those over 65 years of age in Taney County and Missouri. Taney County had higher mortality rates for atherosclerosis, pneumonia and influenza, liver disease, and suicide deaths from 2000 to 2006.(Table 9.4)

Table 9.4

Mortality Rates Per 100,000 For Those Over 65 Years of Age-Taney County, 2000-2006			
Cause of Death	Taney County		Missouri
	Number	Rate	Rate
Cancer	491	1,022.60	1,130.00
Diabetes	35	72.9	150.0
Alzheimer's Disease	50	104.1	173.5
Heart Disease	708	1,474.50	1,723.30
Cerebrovascular disease (Stroke)	149	310.3	416.5
Atherosclerosis#	68	141.6	35.2
Pneumonia & influenza#	103	214.5	178.5
Liver Disease. Cirrhosis	15	31.2	22.5
Kidney	52	108.3	118.8
Motor Vehicle Accident	12	25.0	24.1
All other Accidents	38	79.1	87.5
Suicide	12	25.0	16.0
Total all causes	322	4,490.90	5,354.20

Source: Missouri Department of Health and Senior Services, MICA
 @. @ indicates numbers were too low for rate calculation

Table 9.5 provides information regarding the Emergency Room Diagnosis number and rate per 1,000 as a comparison between the age group of 45-64 and the age group of 65 and over. The number and rate for Diabetes, Affective disorders, Schizophrenia, and Anxiety was greater for the 45-64 age group with a significant increase for Alcohol and substance-related mental disorders in the 45-64 age group. Senility and organic mental disorders was higher for the 65 and older age group.

Table 9.5

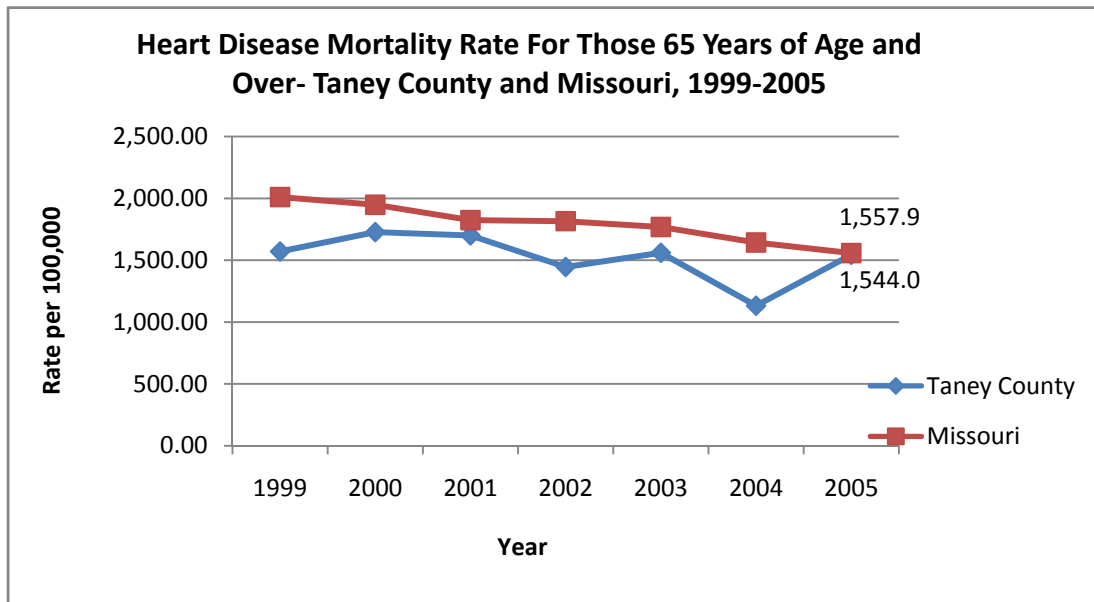
Emergency Room Diagnosis Taney County, 2000-2005				
Diagnosis	45 - 64		65 and Over	
	Number	Rate Per 1,000	Number	Rate Per 1,000
Diabetes mellitus without complication	43	0.7	26	0.6
Diabetes mellitus with complications	94	1.5	53	1.3
Alcohol and substance-related mental disorders	332	5.3	23	0.6
Senility and organic mental disorders	18	0.3	46	1.1
Affective disorders	48	0.8	6	0.1
Schizophrenia and related disorders	5	0.1	2	@. @
Anxiety - somatoform - Dissociative - and personality disorders	192	3.1	86	2.1

Source: Missouri Department of Health and Senior Services, MICA

@. @ indicates numbers were too low for rate calculation

From 2004 to 2005, Taney County heart disease mortality rate for those 65 years of age and over exhibited an increase while the state rate continued to fall over the years. However, the two were almost the same in 2005. (Figure 9.4)

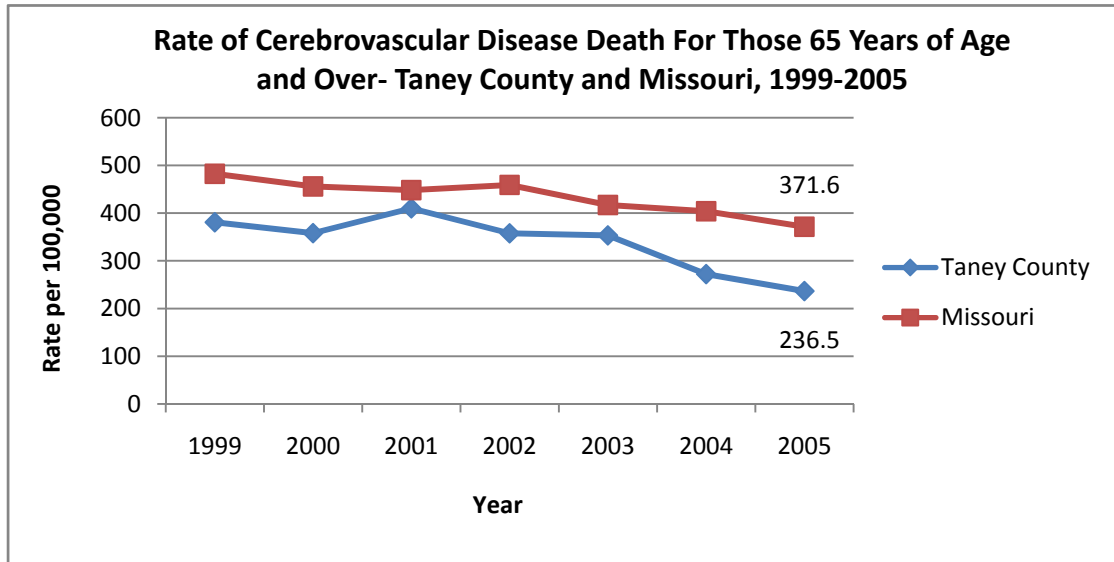
Figure 9.4



Source: Missouri Department of Health and Senior Services, MICA

Figure 9.5 shows that both the county and state death rates due to cerebral vascular disease for those 65 years of age and over continued to fall from 2001 to 2005. Nevertheless, the county rate was lower than the state rate during the time period 1999 through 2005.

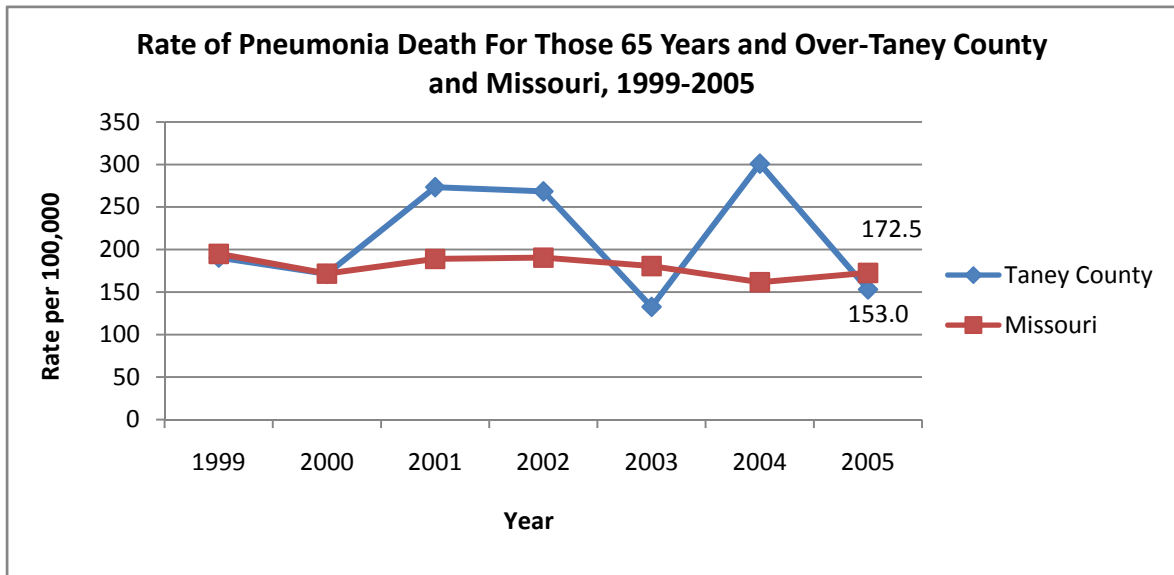
Figure 9.5



Source: Missouri Department of Health and Senior Services, MICA

Figure 9.6 demonstrates that the rate of pneumonia death for those 65 years and over in Missouri was approximately 180 per 100,000, while the Taney county rate fluctuated from 140 to 300 per 100,000 from 2003 to 2005. The county rate was slightly lower than the state rate in 2005.

Figure 9.6



Source: Missouri Department of Health and Senior Services, MICA

Injuries

The number and rate of injuries among those 65 years of age and older is provided in Table 9.6. Compared to Missouri, Taney County had higher rates of injuries in five categories shown below.

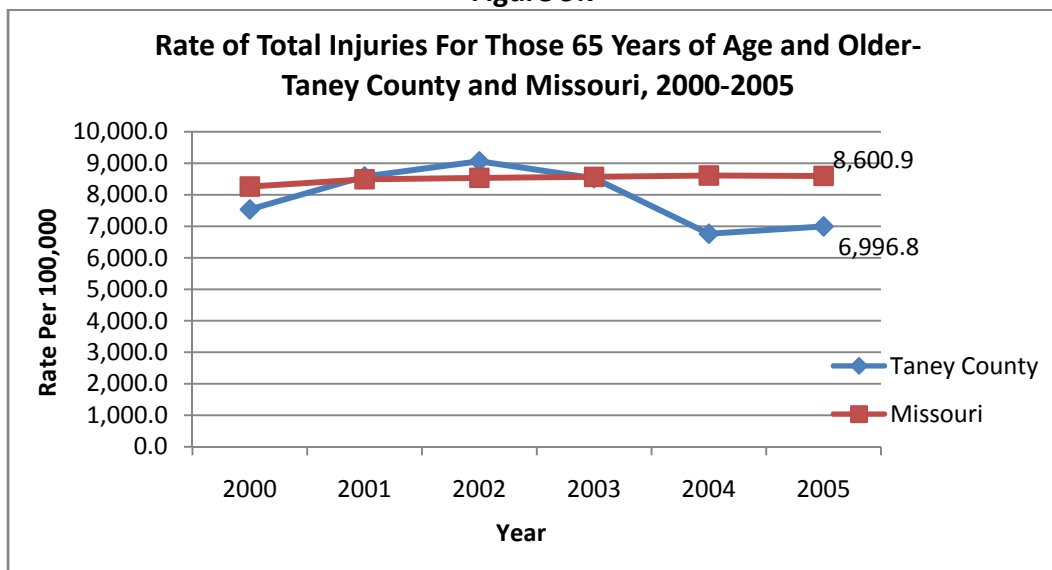
Table 9.6

Injuries By Type For Those 65 Years of Age and Older, Rate Per 100,000 - Taney County and Missouri, 2000-2005			
	Taney County		Missouri
	Number	Rate	Rate
Total Injuries	3,211	7,892.9	8,514.2
Fall/Jump	1,851	4,549.90	5,284.40
Machinery	38	93.4	57.2
Motor Vehicle	254	624.4	540.4
Hot Weather	8	19.7	14.9
Over-exertion	172	422.8	368.0
Drugs/Alcohol	48	118.0	85.7

Source: Missouri Department of Health and Senior Services, MICA

Table 9.7 illustrates that the rate of injuries per 100,000 in Taney County is lower for Fall/Jump accidents, but higher for all other classifications of accidents compared to the total rate for the state of Missouri.

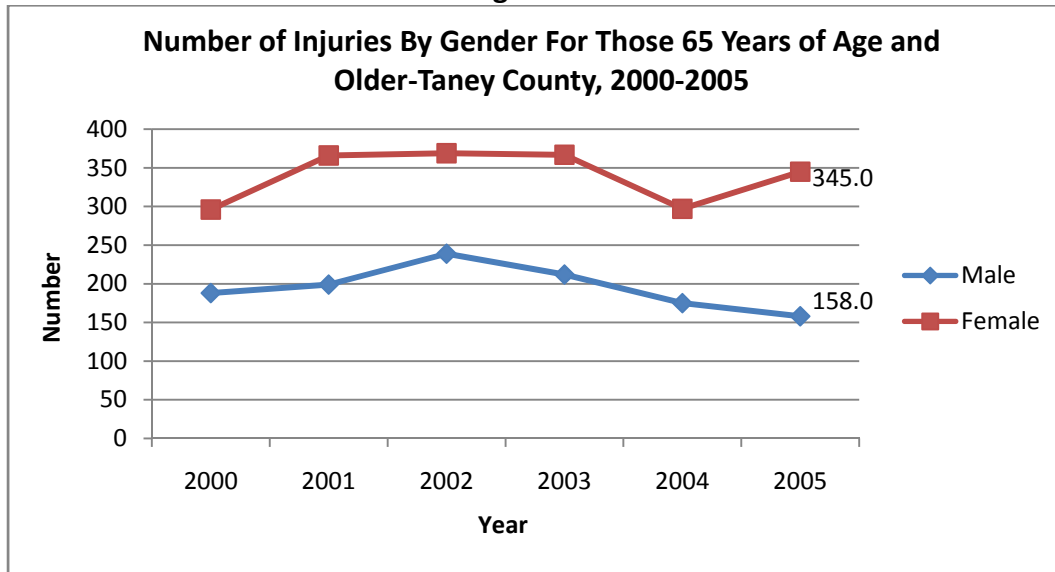
Figure 9.7



Source: Missouri Department of Health and Senior Services, MICA

Figure 9.8 shows that the rate of total injuries per 100,000 for those 65 Years of Age and Older increased from 2000 through 2002, then began to decline from 2002 through 2004, remaining nearly level from 2004 to 2005.

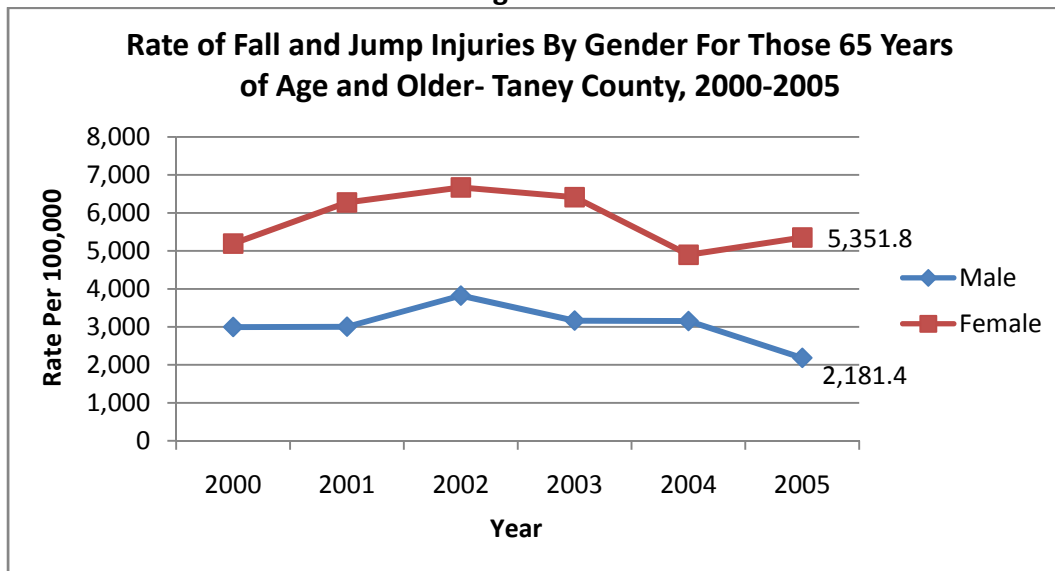
Figure 9.8



Source: Missouri Department of Health and Senior Services, MICA

Figure 9.8 shows that the number of injuries is generally about 6% to 8% higher for females who are 65 years of age and older compared to males of the same age. In 2005 the number of injuries for females 65 years of age and older was more than twice the number of injuries for males of the same age.

Figure 9.9

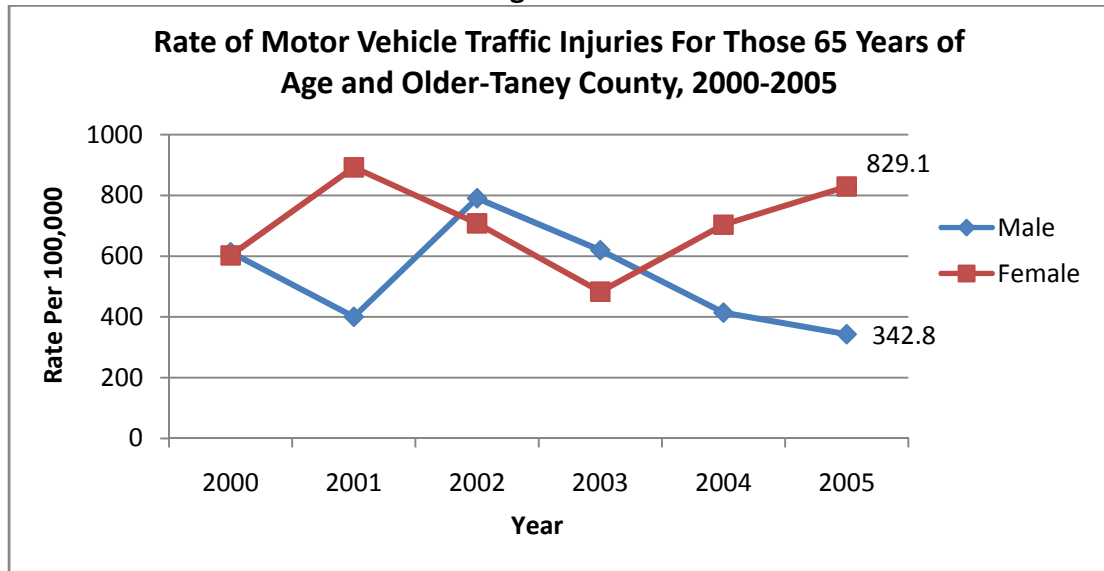


Source: Missouri Department of Health and Senior Services, MICA

Figure 9.9 illustrates the rate per 100,000 of fall and jump injuries by gender, which increased from 2000 through 2002. It begins to decline from 2002 through 2004. From 2004 to 2005 the

rate continued to fall for males 65 years of age and older, but increased for females of the same age group. The rate of injuries for females in 2005 was nearly two and a half times the rate for males of that same age group.

Figure 9.10

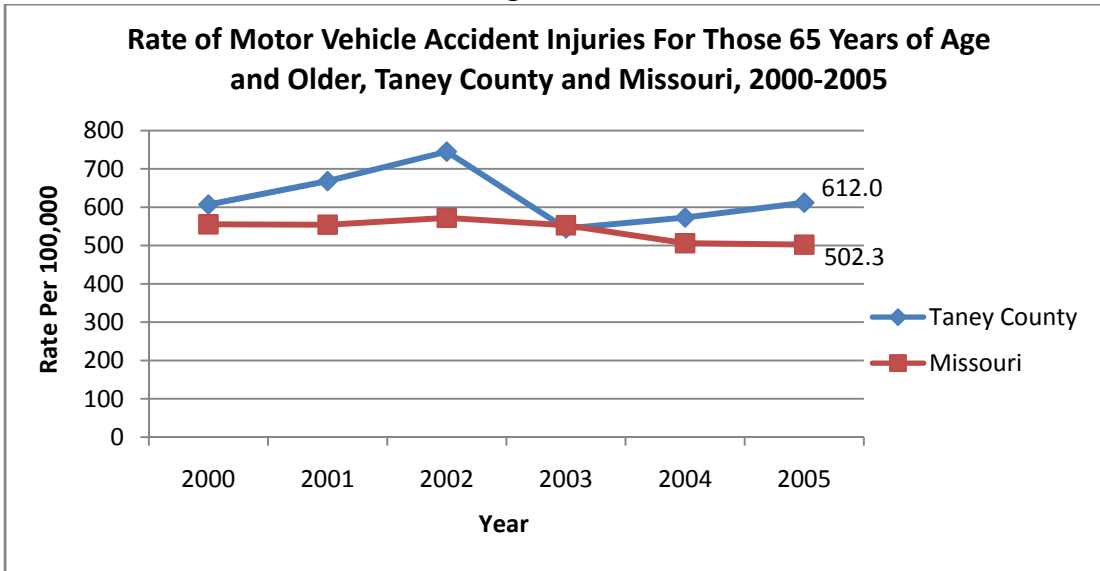


Source: Missouri Department of Health and Senior Services, MICA

Figure 9.10 shows a decline of 33.5% in the rate of motor vehicle traffic injuries for males 65 years of age and older from 2002 to 2005. During that same period the rate of motor vehicle traffic injuries for females increased by 50%. From 2001 to 2002 the rate for males increased by 100% while the rate for females decreased by 20%. The rate for both genders declined by 25% from 2002 through 2003. From 2003 to 2005 the rate for females began a sharp rise of 60% while the rate for males had a decline of 40%.

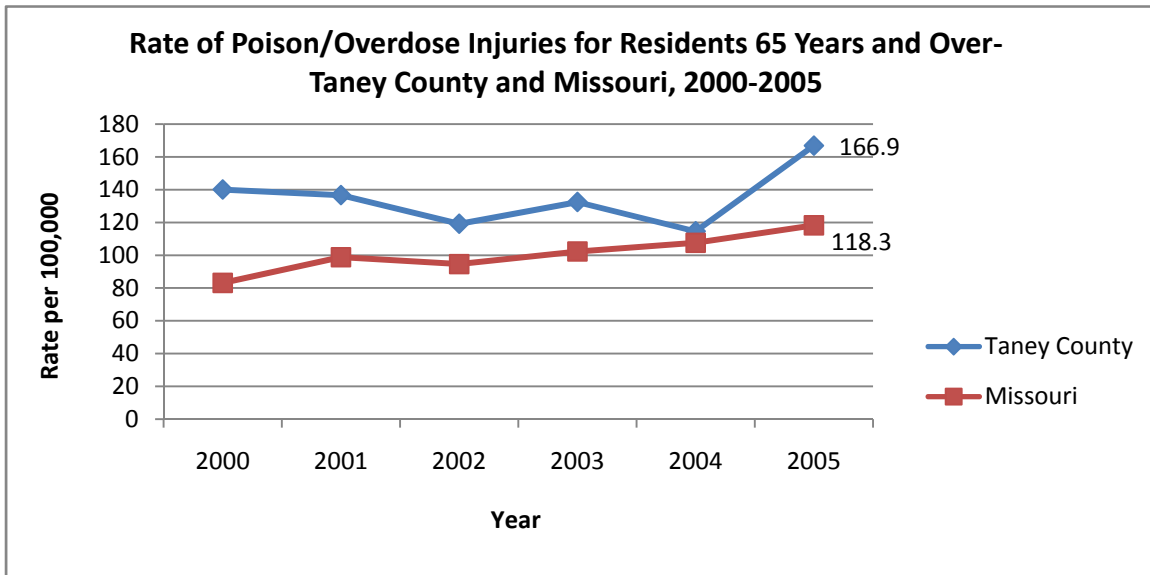
The rate of motor vehicle accident injuries for those 65 years of age and older was only slightly higher for Taney County in 2002 compared to the total state of Missouri. The comparison widened in 2001 and by 2002 the rate for Taney County residents was approximately 40% higher than the rate for the total population of Missouri in that same age group. The rate for 2004 was slightly less than it was for 2002. Then by 2005 the rate for Missouri residents dropped slightly while the rate for Taney County residents rose slightly for those 65 years of age and older.(Figure 9.11)

Figure 9.11



Source: Missouri Department of Health and Senior Services, MICA

Figure 9.12



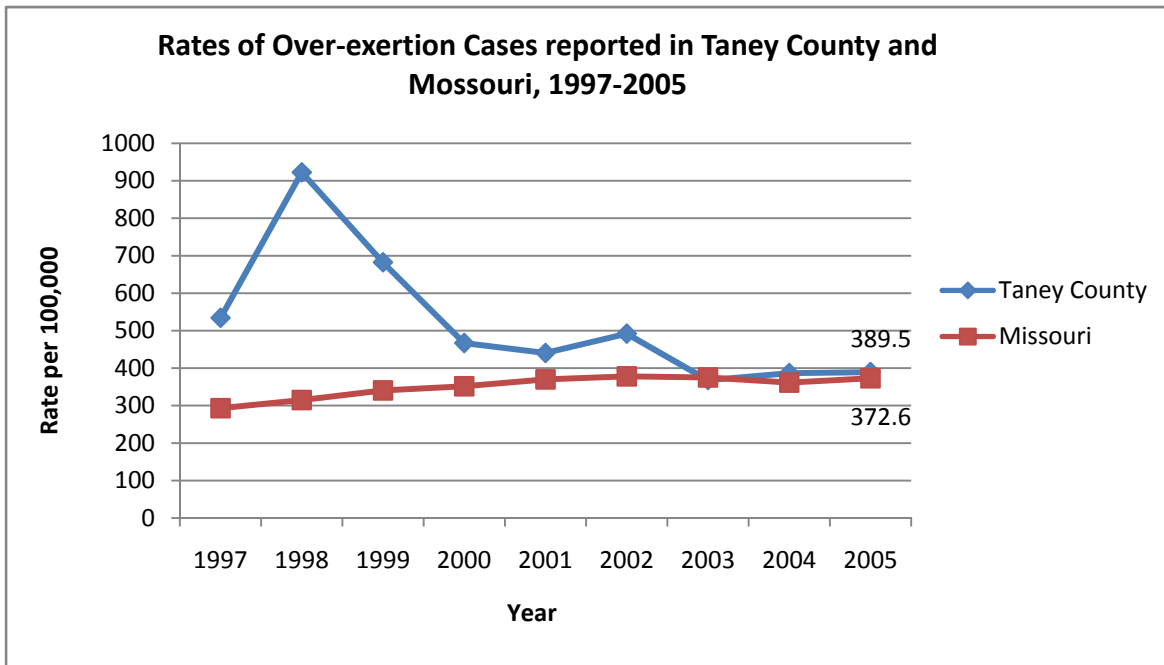
Source: Missouri Department of Health and Senior Services, MICA

Figure 9.12 shows the rate of poison/overdose for residents over 65 years in Taney County and Missouri. The graph illustrates that Taney County has a higher rate of these injuries on average compared to the State. However, from 2004 to 2005, the rate of poison/overdose for residents over 65 Taney County increased from 114.6 people per 100,000 to 166.9

Figure 9.13 shows that the rate of Over-exertion injuries reported for people over 65 years old in Taney County is higher on average compared to the state average. From 2003 to 2005, it is

evident that the rates between the two regions have narrowed down to almost the same level of injuries reported.

Figure 9.13



Source: Missouri Department of Health and Senior Services, MICA