



Urologic Diseases in America

2012



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UROLOGIC DISEASES IN AMERICA

2012

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**Urologic
Diseases**
in America



This compendium is dedicated to the memory of

Richard D. Williams, MD

Educator, Clinician, Colleague, Advocate, Guiding Light

**Urologic
Diseases**
in America



UROLOGIC DISEASES IN AMERICA

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**Urologic
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Introduction

Table 1. Conditions analyzed in *Urologic Diseases in America*

Prostate
Prostatitis
Benign Prostatic Hyperplasia
Prostate Cancer
Bladder
Interstitial Cystitis, (specific)
Interstitial Cystitis, (non-specific)
Bladder Stones
Urinary Incontinence
Female Adult
Male Adult
Bladder Cancer
Lower Tract Transitional Cell Carcinoma
Upper Tract Transitional Cell Carcinoma
Urethral Disease
Urethral Stricture
Female Adult
Male Adult
Kidney
Urinary Tract Stones
Lower Urinary Tract Stones
Upper Urinary Tract Stones
Kidney Cancer
Pediatric
Hypospadias
Ureterocele
Ureteropelvic Junction Obstruction
Posterior Urethral Valves
Vesicoureteral Reflux
Undescended Testes
Urinary Incontinence in Children
Urinary Tract Infection in Children
Male Reproductive Health
Male Infertility
Erectile Dysfunction
Peyronie's Disease
Testicular Cancer
Infections
Urinary Tract Infections
Female Adult
Male Adult

Table 2. Nationally representative physician office visits by urologic diagnosis

Diagnosis	Physician Office Visits
Prostate	
Prostatitis	572,285
Benign Prostatic Hyperplasia	3,044,051
Prostate Cancer	4,555,043
Bladder	
Interstitial Cystitis (specific)	232,361
Interstitial Cystitis (non-specific)	1,972,689
Bladder Stones	50,040
Urinary Incontinence	
Female Adult	2,114,688
Male Adult	718,430
Bladder Cancer	
Lower Tract Transitional Cell Carcinoma	967,507
Urethral Diseases	
Urethral Stricture	
Female Adult	227,483
Male Adult	231,503
Kidney	
Urinary Tract Stones	
Lower Urinary Tract Stones	50,040
Upper Urinary Tract Stones	557,102
Kidney Cancer	392,964
Pediatric	
Hypospadias	71,921
Ureteropelvic Junction Obstruction	2,804
Posterior Urethral Valves	12,669
Vesicoureteral Reflux	73,196
Undescended Testes	126,750
Urinary Incontinence in Children	344,901
Urinary Tract Infection in Children	1,320,352
Male Reproductive Health	
Erectile dysfunction	2,503,207
Testicular Cancer	135,046
Infections	
Urinary Tract Infections	
Female Adult	5,383,244
Male Adult	1,298,107

SOURCE: National Ambulatory Medical Care Survey, 2007; National Hospital Ambulatory Medical Care Survey, 2007.

Table 3. Annual expenditures, exclusive of medication costs, for Medicare beneficiaries 65 and older with urologic diseases

	Inpatient	Hospital Outpatient	Ambulatory Surgery	Physician Office	Emergency Room	Total
Prostate						
Prostatitis	\$27,519,657	\$2,264,573	\$4,846,933	\$15,984,976	\$1,821,292	\$52,437,432
Benign Prostatic Hyperplasia	\$938,407,142	\$16,878,711	\$152,482,587	\$268,758,996	\$34,262,565	\$1,410,790,000
Prostate Cancer	\$535,971,300	\$525,221,173	\$263,617,058	\$822,657,973	\$8,037,664	\$2,155,505,168
Bladder						
Interstitial Cystitis (specific)	\$7,296,797	\$745,710	\$5,862,396	\$6,500,221	\$146,027	\$20,551,152
Interstitial Cystitis (non-specific)	\$83,723,169	\$15,719,122	\$37,388,005	\$84,083,186	\$7,695,598	\$228,609,081
Bladder Stone	\$33,029,045	\$989,258	\$15,936,746	\$2,773,120	\$417,764	\$53,145,933
Urinary Incontinence						
Female Adult	\$183,412,766	\$12,225,661	\$122,389,793	\$88,401,353	\$955,409	\$407,384,983
Male Adult	\$29,966,124	\$2,462,025	\$16,855,696	\$22,640,981	\$470,930	\$72,395,756
Bladder Cancer						
Lower Tract Transitional Cell Carcinoma	\$595,413,936	\$60,855,797	\$209,833,165	\$173,583,436	\$1,881,963	\$1,041,568,297
Upper Tract Transitional Cell Carcinoma	\$49,376,054	\$2,866,276	\$4,974,585	\$7,859,760	\$12,796	\$65,089,472
Kidney						
Urinary Tract Stones	\$791,927,236	\$50,566,048	\$198,562,038	\$16,238,062	\$25,815,001	\$1,083,108,385
Ureteropelvic Junction Obstruction	\$2,521,933	\$216,234	\$1,684,379	\$522,786	†	\$4,945,332
Kidney Cancer	\$296,353,849	\$35,322,593	\$5,553,348	\$40,194,594	\$1,151,295	\$378,575,680
Male Reproductive Health						
Infertility	\$111,390	\$112,717	\$781,851	\$245,687	\$148,401	\$1,400,046
Erectile Dysfunction	\$26,780,414	\$2,001,219	\$35,682,778	\$17,176,446	\$592,579	\$82,233,436
Peyronie's Disease	\$3,678,560	\$63,339	\$2,440,135	\$263,360	†	\$6,445,393
Urethral Stricture	\$42,645,082	\$2,072,391	\$38,807,398	\$9,430,039	\$471,474	\$93,426,384
Testicular Cancer	\$702,811	\$1,446,929	\$2,294,446	\$667,036	\$9,493	\$5,120,715
Infections						
Urinary Tract Infection						
Female Adult	\$3,060,509,250	\$34,544,275	\$22,452,519	\$191,072,016	\$109,051,829	\$3,417,629,889
Male Adult	\$1,605,902,534	\$9,664,855	\$20,749,649	\$60,950,022	\$42,847,875	\$1,740,114,936

† Figure does not meet standard for reliability or precision.

NOTE: All costs are in 2009 US dollars.

SOURCE: Centers for Medicare and Medicaid Services, 2007.

Table 4. Estimated annual charges^a for an individual^b with a urologic diagnosis

Diagnosis	Individual annual charges
Prostate	
Prostatitis	\$9,184
Benign Prostatic Hyperplasia	\$9,935
Prostate Cancer	\$19,535
Bladder	
Interstitial Cystitis (specific)	\$17,407
Interstitial Cystitis (non-specific)	\$15,815
Urinary Incontinence	
Female Adult	\$18,264
Male Adult	\$15,817
Lower Tract Transitional Cell Carcinoma	\$24,718
Kidney	
Urinary Tract Stones	\$23,739
Kidney Cancer	\$39,841
Male Reproductive Health	
Infertility	\$11,437
Erectile Dysfunction	\$9,174
Urethral Stricture	\$19,350
Testicular Cancer	\$33,747
Urinary Tract Infection	
Female Adult	\$12,131
Male Adult	\$12,325

Generalized estimating equations were used to account for the correlation within patients.

^aEstimated annual expenditures were derived from multivariate models that control for age, gender, insurance type, region, calendar year, and all individual disease conditions in the modified Charlson Comorbidity Index.

^bSample consists of beneficiaries between 18-64 years who were continuously enrolled in employer-provided insurance for at least a full calendar year during 2003-2006.

NOTE: Costs are in charges rather than payments; charges are in 2009 dollars.

SOURCE: I3 Claims Database, 2003-2006

**Urologic
Diseases**
in America



CHAPTER 1
Interstitial Cystitis
and Prostatitis

Table 1-1. Codes used in the diagnosis of interstitial cystitis and prostatitis

Interstitial Cystitis

Individuals 18 years or older with one or more of the following ICD-9 diagnosis codes:

Disease-specific

- 595.1 Chronic interstitial cystitis
- 625.8^a Other specified symptoms associated with female genital organs
- 625.9^a Unspecified symptom associated with female genital organs

Disease non-specific

- 595.2 Other chronic cystitis
- 595.9 Cystitis, unspecified
- 596.9 Unspecified disorder of bladder
- 625.8^b Other specified symptoms associated with female genital organs
- 625.9^b Unspecified symptom associated with female genital organs
- 788.41^b Urinary frequency

Prostatitis

Males 18 years or older with one or more of the following ICD-9 diagnosis codes:

Infectious

- 601.0 Acute prostatitis
- 601.2 Abscess of prostate
- 601.3 Prostatocystitis
- 601.4 Prostatitis in diseases classified elsewhere
- 601.8 Other specified inflammatory diseases of prostate

Chronic

- 601.1 Chronic prostatitis
 - 601.9 Prostatitis, unspecified
-

^aMust occur with 788.41 (urinary frequency).

^bBut not counted in disease-specific.

Table 1-2. Nationally representative inpatient stays for interstitial cystitis, disease specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=1,378)		2003 (N=1,429)		2004 (N=1,513)		2005 (N=1,461)		2006 (N=1,214)		2007 (N=1,189)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5
Age												
18-24	0.2		0.4		0.4		0.2		0.3		0.2	
25-34	0.6		0.7		0.7		0.7		0.7		0.6	
35-39	0.7		0.8		0.7		0.9		0.5		0.7	
40-44	0.7		0.6		0.8		0.6		0.6		0.4	
45-54	0.8		0.8		0.6		0.5		0.5		0.5	
55-64	0.6		0.6		0.6		0.7		0.4		0.5	
▶ 65-74	0.7		0.8		1.0		0.9		0.6		0.6	
75-84	0.9*		0.6*		1.3*		1.2*		0.9*		1.4*	
85+	2.2*		1.6*		1.6*		1.7*		1.8*		1.1*	
Race/ethnicity												
▶ White	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
Black	0.3*	0.4	0.3*	0.3	0.2*	0.4	0.2*	0.3	0.2*	0.3	0.3*	0.4
Hispanic	†	†	0.5*	0.5	0.3*	0.3	0.2*	0.3	0.3*	0.3	0.2*	0.3
Asian	†	0.4	...	...	†	1.6	†	0.6	0.3*	0.8	...	...
Other	†	2.2	0.9*	1.3	†	0.9	0.8*	2.3	†	1.1	0.8*	1.4
Region												
Northeast	0.6	0.6	0.4	0.4	0.7	0.8	0.5	0.5	0.3	0.3	0.5	0.5
South	0.6	0.6	0.7	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.6
▶ Midwest	0.7	0.7	0.7	0.7	1.0	1.0	0.7	0.7	0.6	0.6	0.7	0.7
West	0.6*	0.6	0.6*	0.7	0.4*	0.4	0.6*	0.6	0.4*	0.4	0.3*	0.3
Gender												
Female	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9
▶ Male	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

† Figure does not meet standard for reliability or precision.

^aRate per 100,000 individuals in the same demographic stratum is based on 2002-2007 population estimates from Current Population Survey (CPS).

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Healthcare Cost and Utilization Project Nationwide Inpatient Sample, 2002-2007.

Table 1-3. Inpatient stays by privately insured individuals for interstitial cystitis, disease specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=105)		2003 (N=117)		2004 (N=116)		2005 (N=111)		2006 (N=118)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	1.2	1.7	1.2	1.3	1.2	1.2	1.0	1.5	1.1	1.7
Age										
18-24	0.3 ^{*♦}		0.9 [♦]		0.7 [♦]		0.5 ^{*♦}		0.6 ^{*♦}	
25-34	1.2 [♦]		1.2 [♦]		1.4		0.7 ^{*♦}		1.0 [♦]	
35-39	1.0 [♦]		1.2 [♦]		1.2 [♦]		1.6 [♦]		0.6 ^{*♦}	
40-44	1.5 [♦]		1.7 [♦]		1.0 [♦]		0.8 ^{*♦}		1.2 [♦]	
45-54	1.0 [♦]		1.4 [♦]		1.2 [♦]		1.0 ^{*♦}		1.4	
55-64	1.5 [♦]		0.6 [♦]		1.0 [♦]		0.9 ^{*♦}		1.4 [♦]	
▶ 65-74	2.1 [♦]		1.1 [♦]		0.8 [♦]		2.6 [♦]		1.6 [♦]	
75-84	3.8 ^{*♦}		1.6 ^{*♦}		2.0 ^{*♦}		3.3 ^{*♦}		2.5 ^{*♦}	
85+	...		...		4.5 ^{*♦}		3.6 ^{*♦}		6.6 ^{*♦}	
Race/ethnicity										
▶ White	1.2	1.9	1.3	1.4	1.4	1.3	1.0	1.5	1.3	1.8
Black	0.5 ^{*♦}	4.0	1.3 ^{*♦}	3.2	0.9 ^{*♦}	4.0	1.0 ^{*♦}	2.6	0.5 ^{*♦}	1.4
Hispanic	1.5 ^{*♦}	5.2	0.6 ^{*♦}	3.7	0.5 ^{*♦}	2.1	1.2 ^{*♦}	5.3	0.8 ^{*♦}	2.4
Asian	2.9 ^{*♦}	5.9	0.5 ^{*♦}	3.9	...	...	1.0 ^{*♦}	37.1	0.3 ^{*♦}	...
Other	...	...	3.5 ^{*♦}	61.3	...	...	...	...	...	...
Unknown	1.2 [♦]	...	1.3 ^{*♦}	...	0.6 ^{*♦}	...	1.0 ^{*♦}	...	1.3 ^{*♦}	...
Missing	1.1 [*]	...	1.2 [*]	...	0.9 ^{*♦}	...	1.1 ^{*♦}	...	1.1 ^{*♦}	...
Region										
Northeast	1.2	1.8	1.2 [♦]	2.1	1.4 [♦]	2.3	0.8 [♦]	1.9	1.3 [♦]	2.6
South	1.0	1.1	1.2	0.9	1.1	1.1	1.2	1.6	1.1	1.5
▶ Midwest	1.3	1.9	1.3	1.7	1.1	1.2	0.9	1.2	1.3	2.0
West	1.5 ^{*♦}	4.1	1.1 ^{*♦}	2.0	1.3 ^{*♦}	1.7	1.1 ^{*♦}	2.3	1.0 ^{*♦}	1.8
Gender										
Female	2.0 [*]	2.8	2.1 [*]	2.1	2.0 [*]	1.9	1.7 [*]	2.0	1.9 [*]	2.3
▶ Male	0.4 [♦]	0.5	0.2 [♦]	0.4	0.3 [♦]	0.5	0.4 [♦]	0.9	0.3 [♦]	1.0

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-4. Hospital outpatient visits by Medicare beneficiaries for interstitial cystitis, disease specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=2,460)		2003 (N=3,300)		2004 (N=3,120)		2005 (N=3,420)		2006 (N=4,840)		2007 (N=4,840)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	6.9	5.5	9.0	8.3	8.4	8.7	9.2	8.7	13.3	10.6	13.4	11.8
Under 65/65+												
< 65 Years	13.3*	13.3	12.9*	12.9	9.4*	9.4	11.3*	11.3	23.9*	23.9	18.2*	18.2
▶ 65+ Years	5.3	5.5	8.0	8.3	8.2	8.7	8.6	8.7	10.3	10.6	11.9	11.8
Age												
▶ 65-69	8.4		11.1		6.4 [♦]		11.0		17.6		19.0	
70-74	4.9**		5.8**		10.6*		11.4*		14.0*		13.0*	
75-79	4.4**		10.3*		9.4**		5.5**		4.3**		8.2**	
80-84	5.3**		7.9**		5.9**		8.1**		5.1**		6.7**	
85-89	1.7**		2.5**		13.1**		4.1**		4.9**		4.8**	
90-94	...		2.0**		...		5.9**		...		13.7**	
Race/ethnicity												
▶ White	5.8	5.5	8.0	8.5	8.3	9.5	9.8	9.5	12.6	10.9	12.7	11.2
Black	15.5**	10.8	16.1**	8.6	8.1**	2.3	6.0**	7.8	14.5**	6.6	10.8**	5.1
Hispanic	...	...	2.9**	...	8.5**	...	8.2**	...	22.5**	...	5.5**	16.3
Asian	...	...	...	...	7.2**	35.8	...	...	0.0**	0.0	0.0**	...
Other	27.7**	14.1	31.6**	21.3	18.1**	13.3	8.6**	20.1	42.1**	109.9	73.1**	243.1
Unknown	...	...	28.7**	...	...	...	...	...	...	...	...	...
Region												
▶ Northeast	13.6	6.8	17.3	11.8	13.3	11.8	13.4	10.9	15.7	8.7	14.3	6.6
South	2.3**	2.3	3.7**	3.6	4.7*	4.5	4.3*	3.1	5.4*	1.2	5.0*	3.7
Midwest	8.9*	9.1	10.7*	12.4	9.3*	11.0	11.6*	12.9	21.6*	23.4	27.5*	28.8
West	6.6**	6.6	9.3**	10.0	10.0*	12.6	12.0*	13.5	16.4*	13.9	11.1*	11.8
Gender												
Female	10.9*	8.2	14.5*	12.8	13.5*	13.3	15.5*	13.9	22.6*	17.3	22.2*	18.4
▶ Male	1.8 [♦]	2.6	2.1 [♦]	3.0	2.1 [♦]	2.4	1.3 [♦]	2.3	1.8 [♦]	2.6	2.6 [♦]	3.6

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

[♦]Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-5. Hospital outpatient visits by privately insured individuals for interstitial cystitis, disease specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=1,664)		2003 (N=1,531)		2004 (N=1,512)		2005 (N=1,741)		2006 (N=1,637)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	18.9	23.1	15.5	17.4	15.0	15.9	16.3	17.3	15.7	18.7
Age										
18-24	8.9*		8.8*		11.1*		11.8*		12.1*	
25-34	16.3*		15.4		15.4		16.5		14.9*	
35-39	19.4*		15.5		13.9		16.8		14.6*	
40-44	19.0*		17.0		16.5		14.5		17.1*	
45-54	22.9*		16.6		17.0		17.6		16.8*	
55-64	23.2*		18.5		14.5		18.8		16.1*	
▶ 65-74	33.2		18.7		15.1		17.2		23.3	
75-84	16.7*		15.4*♦		15.9*		14.0*		30.6*	
85+	...		20.9*♦		15.1*♦		31.1*♦		6.6*♦	
Race/ethnicity										
▶ White	21.2	23.8	18.5	20.9	16.8	17.1	17.5	18.0	17.6	20.4
Black	17.2*	13.5	16.2*	15.0	9.5*	10.5	14.7*	17.3	9.7*	8.7
Hispanic	14.0*	24.0	10.1*	11.0	7.5*	9.4	11.9*	11.5	10.3*	12.2
Asian	3.6*♦	4.3	5.0*♦	4.0	5.0*♦	9.0	7.1*♦	10.2	5.0*♦	12.6
Other	9.9*♦	17.5	20.7*♦	44.1	11.0*♦	23.4	4.5*♦	...	16.5*♦	29.1
Unknown	14.4*	...	15.8*	...	12.6*	...	12.9*	...	12.5*	...
Missing	18.4*	...	13.1*	...	16.3*	...	18.0*	...	16.3*	...
Region										
Northeast	17.2*	21.9	11.3*	13.0	12.7*	13.2	14.2*	13.8	11.7*	13.1
South	19.9	22.9	15.6*	17.2	15.7	16.7	16.9	17.7	16.6	19.1
▶ Midwest	20.6	26.5	17.5	18.9	16.4	16.7	16.4	18.4	16.8	19.2
West	12.4*	16.2	14.2*	18.8	11.5*	14.7	15.9*	15.8	14.1*	19.4
Gender										
Female	34.1*	40.8	27.5*	28.6	26.8*	27.0	28.4*	27.3	27.7*	31.9
▶ Male	2.7	4.5	2.9	5.4	2.7	4.0	3.6	6.5	3.2	5.2

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-6. Ambulatory surgery center visits by Medicare beneficiaries for interstitial cystitis, disease specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=2,840)		2003 (N=3,380)		2004 (N=3,000)		2005 (N=4,340)		2006 (N=3,280)		2007 (N=3,100)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	10.5	10.0	12.4	12.6	11.7	10.8	15.4	13.3	13.4	12.5	12.8	10.9
Age												
▶ 65-69	11.2		12.4		10.6		15.6		20.1		12.0	
70-74	11.0*		12.2*		10.9*		15.0*		8.4*♦		11.7*	
75-79	11.5*		16.3*		13.7*		13.8*		12.1*		11.9*	
80-84	7.2*♦		9.3*		9.1*♦		13.1*♦		5.6*♦		10.0*♦	
85-89	6.0*♦		11.7*♦		7.4*♦		3.3*♦		11.5*♦		5.6*♦	
90-94	2.1*♦		...		2.0*		2.0*♦		...		2.0*♦	
95-97	...		...		...		9.7*♦		0.0		...	
Race/ethnicity												
▶ White	11.0	10.6	13.3	13.0	12.6	11.9	16.7	14.8	14.3	13.1	13.8	11.7
Black	7.4*♦	8.1	7.8*♦	13.0	4.9*♦	2.0	8.7*♦	4.6	8.9*♦	17.8	9.6*♦	10.3
Hispanic	0.0*♦	0.0	...	...	8.5*♦	16.8	5.5*♦	12.6	16.9*♦	23.3	2.7*♦	...
Asian	4.0*♦	...	3.8*♦	18.8	3.6*♦	17.9	...	...	3.3*♦	...	0.0*♦	...
Other	17.3*♦	24.2	12.6*♦	27.4	12.1*♦	...	11.4*♦	30.8	2.8*♦	...	10.8*♦	9.7
Unknown	26.7*♦	...	28.7*♦	...	27.1*♦	...	29.4*♦	...	0.0*♦	...	...	...
Region												
▶ Northeast	13.3	13.6	15.3	16.2	10.0	9.5	10.0	8.7	8.0*	8.6	12.0	9.4
South	9.7*	9.3	11.8*	12.3	14.1*	11.7	15.2*	12.9	14.9*	13.4	13.4*	11.3
Midwest	12.6*	12.2	12.8*	11.7	12.1*	12.7	17.7*	15.7	12.1*	9.8	13.8*	11.7
West	5.6*♦	6.6	9.7*♦	11.9	7.5*♦	7.6	18.3*	19.4	17.7*	18.5	11.1*	10.6
Gender												
Female	15.3*	13.9	18.4*	17.5	18.4*	16.3	23.6*	19.3	21.6*	19.2	19.9*	15.8
▶ Male	4.4	4.8	4.7	6.0	3.2*	3.3	5.1	5.7	3.2*	3.7	4.2	4.5

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

*Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-7. Ambulatory surgery center visits by privately insured individuals for interstitial cystitis, disease specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=364)		2003 (N=389)		2004 (N=343)		2005 (N=395)		2006 (N=453)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	4.1	4.2	3.9	4.2	3.4	3.3	3.7	4.0	4.4	4.3
Age										
18-24	2.1*♦		2.4*		3.1		2.4		3.9	
25-34	4.0		3.6		4.1		3.4		4.4	
35-39	5.9		4.5		3.0		3.6		5.1	
40-44	3.9		5.1		2.7		4.3		4.1	
45-54	4.9		4.0		3.6		4.4		4.5	
55-64	3.9		4.3		3.6		4.3		4.2	
▶ 65-74	5.0♦		4.1♦		3.3♦		3.2♦		5.8♦	
75-84	1.7*♦		4.3*♦		2.6*♦		3.3*♦		1.7*♦	
85+	...		1.6*♦		...		1.2*♦		...	
Race/Ethnicity										
▶ White	4.2	4.2	4.7	5.2	3.7	3.2	3.8	3.9	4.6	4.3
Black	4.3*♦	6.0	3.2*♦	4.0	2.0*♦	2.7	3.4*♦	3.8	2.9*♦	4.2
Hispanic	2.4*♦	2.5	1.4*♦	2.0	2.2*♦	2.8	2.3*♦	4.3	4.2*	4.6
Asian	0.7*♦	4.3	1.5*♦	3.9	1.8*♦	5.3	1.6*♦	3.2	2.8*♦	4.2
Other	7.4*♦	...	1.7*♦	12.6	3.7*♦	6.2	3.4*♦	5.6	2.2*♦	15.7
Unknown	3.2*♦	...	3.8*♦	...	3.6*♦	...	4.1*♦	...	5.9*	...
Missing	4.3*	...	3.6*	...	3.6*	...	4.2*	...	3.4*	...
Region										
Northeast	2.6*♦	2.2	2.1*♦	2.5	1.3*♦	1.6	2.1*♦	2.5	2.3*	2.7
South	5.1*	4.8	4.7	5.2	4.4*	4.8	5.1*	5.6	6.3*	6.4
▶ Midwest	4.1	4.7	4.2	4.3	3.5	2.9	3.3	3.5	3.0	2.6
West	2.1*♦	2.4	2.5*	3.7	1.8*♦	2.0	1.4*♦	1.9	2.7*	2.9
Gender										
Female	7.4*	7.2	6.9*	7.4	6.0*	5.8	6.4*	6.8	7.7*	7.2
▶ Male	0.7♦	1.1	0.8	1.1	0.7	0.8	0.8	1.2	0.8	1.3
Unknown	...	...	30.1*♦	...	...	...	...	...	37.3*♦	...

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-8. Nationally representative ambulatory surgery center visits for interstitial cystitis, disease specific, listed as primary diagnosis, count, rate,^a age-adjusted rate^b

	Count	Rate	Age-Adjusted Rate
Total	23,592	10.7	12.5
Age			
18-24	6,628	23.7	
25-34	8,606	21.8*	
35-39	973	4.7*	
40-44	433	1.9*	
45-54	4,149	9.7*	
55-64	2,283	7.4*	
▶ 65-74	...	...
75-84	...	...
85+	520	13.0*	
Gender			
Female	22,639	19.9*	23.6
▶ Male	953	0.9	3.2

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

^aRate per 100,000 individuals in the same demographic stratum is based on 2006 population estimates from Current Population Survey (CPS).

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: National Survey of Ambulatory Surgery, 2006.

Table 1-9. Physician office visits by Medicare beneficiaries for interstitial cystitis, disease specific, listed as any diagnosis, rate,^a age-adjusted rate^b

	2002 (N=61,820)		2003 (N=66,480)		2004 (N=73,000)		2005 (N=80,820)		2006 (N=83,920)		2007 (N=89,800)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	173.8	176.7	182.3	189.0	197.3	195.7	217.8	210.7	230.9	225.0	248.2	244.8
Under 65/65+												
< 65 Years	171.4*	171.4	175.2*	175.2	225.3*	225.3	259.9*	259.9	273.2*	273.2	278.9*	278.9
▶ 65+ Years	174.4	176.7	184.1	189.0	189.7	195.7	205.9	210.7	218.7	225.0	239.0	244.8
Age												
▶ 65-69	143.4		176.9		173.5		202.5		234.2		256.8	
70-74	188.5*		205.0*		190.5*		213.6*		221.7*		247.7*	
75-79	221.3*		209.1*		246.2*		247.0*		251.8*		288.7*	
80-84	192.0*		176.3*		189.3*		181.9*		196.2*		194.9*	
85-89	129.6*		164.8*		174.9*		194.9*		195.7*		190.3*	
90-94	107.7*		79.7*		82.0*		139.4*		124.7*		166.6*	
95-97	102.4*♦		90.2*♦		39.5*♦		58.4*♦		10.0*♦		49.7*♦	
98+	21.6*♦		...		10.6*♦		41.4*♦		20.5*♦		10.2*♦	
Race/ethnicity												
▶ White	181.9	186.8	193.2	201.8	206.3	206.2	234.1	225.7	248.7	241.4	266.8	262.8
Black	115.6*	101.4	112.1*	111.3	118.3*	111.5	100.9*	81.7	117.6*	91.2	143.9*	111.5
Hispanic	97.1*	112.7	81.6*♦	114.9	141.4*	173.8	192.2*	190.0	224.9*	278.0	120.9*	126.4
Asian	56.5*♦	55.1	64.3*♦	55.0	50.1*♦	70.0	57.1*♦	88.5	59.8*♦	48.0	76.0*♦	50.1
Other	269.8*	184.4	249.4*	133.0	362.8*	171.3	239.6*	153.3	173.8*	116.6	249.0*	228.9
Unknown	320.5*♦	...	258.1*♦	...	488.6*♦	...	470.2*♦	...	344.1*♦	...	302.9*♦	...
Region												
▶ Northeast	121.1	129.2	122.9	131.8	160.2	158.9	167.9	158.5	175.4	178.0	204.3	202.0
South	203.1*	202.9	217.2*	217.6	231.6*	221.6	257.9*	247.5	274.3*	260.6	300.4*	291.3
Midwest	157.2*	164.3	157.4*	174.9	157.3*	164.2	182.0*	175.6	193.9*	188.0	191.9*	189.7
West	194.6*	196.1	209.1*	217.2	220.9*	231.3	235.7*	243.8	249.0*	256.2	260.2*	271.9
Gender												
Female	265.7*	260.0	279.9*	278.8	307.2*	290.5	342.1*	314.6	369.4*	344.0	401.6*	379.6
▶ Male	56.3	62.5	58.4	67.2	59.0	67.8	62.2	71.8	59.3	67.8	60.2	69.3

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

♦Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-10. Physician office visits by privately insured individuals for interstitial cystitis, disease specific, listed as any diagnosis, rate,^a age-adjusted rate^b

	2002 (N=12,612)		2003 (N=14,319)		2004 (N=17,392)		2005 (N=20,226)		2006 (N=19,467)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	142.9	177.1	145.3	168.5	172.9	197.7	189.5	214.4	187.1	226.1
Age										
18-24	66.6*		67.1*		94.0*		91.8*		83.3*	
25-34	121.0*		136.9*		156.9*		176.3*		175.9*	
35-39	133.2*		154.1*		180.9*		197.3		176.5*	
40-44	154.7*		155.1*		187.2*		199.4		207.6*	
45-54	181.7*		165.9		200.9*		219.4*		217.1*	
55-64	177.2*		178.7		200.2*		238.3*		231.8	
▶ 65-74	212.1		173.6		217.6		205.0		248.0	
75-84	151.8*		191.4*		205.0*		208.3*		260.0*	
85+	...		96.5*		84.4*		130.4*		169.6*	
Race/ethnicity										
▶ White	163.2	195.4	178.2	201.8	189.1	214.4	203.6	224.2	202.7	240.7
Black	124.0*	138.5	122.1*	106.2	134.2*	161.2	152.8*	191.3	130.6*	169.5
Hispanic	107.3*	171.1	104.6*	119.9	118.3*	153.1	157.1*	201.1	156.1*	206.3
Asian	67.5*	71.9	89.2*	101.4	73.9*	74.0	84.0*	83.1	72.7*	86.0
Other	106.7*	145.8	112.2*	169.1	173.3*	198.5	121.1*	164.0	147.7*	169.8
Unknown	160.1*	...	152.4*	...	160.2*	...	189.8*	...	192.3*	...
Missing	132.6*	...	114.7*	...	168.4*	...	179.7*	...	174.4*	...
Region										
Northeast	109.3	122.5	105.0*	108.9	118.8*	119.3	131.5*	154.3	124.8*	155.1
South	173.4*	201.7	170.0*	184.9	212.6*	248.6	227.1*	259.8	220.7*	270.3
▶ Midwest	115.2	154.1	124.1	157.8	134.1	157.4	143.2	161.2	139.3	168.1
West	146.7*	220.8	152.7*	208.4	182.0*	211.1	220.0*	247.5	224.6*	265.5
Gender										
Female	260.8*	318.2	264.5*	295.8	315.5*	344.8	344.6*	371.9	341.4*	392.5
▶ Male	18.0	28.3	19.3	32.6	22.6*	39.9	26.3	44.5	26.3	52.2
Unknown	46.4**	...	60.2**	...	35.5*	...	95.1**	...	37.3**	...

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

**Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-11. Nationally representative physician office visits for interstitial cystitis, disease specific, listed as any diagnosis, 2002-2007 (merged), 6-year count

	6-Year Count
Total	1,236,607
Age	
40-44	198,460
45-54	457,685
55-64	112,547
65-74	155,488
75-84	277,012
85+	35,415
Race/ethnicity	
White	982,831
Black	183,799
Hispanic	69,977
Region	
Northeast	148,882
South	320,927
Midwest	425,619
West	341,179
Gender	
Female	1,021,791
Male	214,816

SOURCE: National Ambulatory Medical Care Survey, 2002-2007; National Hospital Ambulatory Medical Care Survey, 2002-2007.

Table 1-12. Physician office visits for use of bladder irrigation and cystoscopy by Medicare beneficiaries with interstitial cystitis, disease specific, count,^a rate^b

	2002		2003		2004		2005		2006		2007	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
Irrigation												
Total	16,000	34,072	15,020	29,873	19,020	35,752	23,000	40,112	23,900	39,926	28,240	46,204
Gender												
Female	14,600	36,813	13,820	32,687	17,120	37,676	21,920	44,698	22,460	43,493	26,220	49,791
Male	1,400	19,178	1,200	15,000	1,900	24,485	1,080	13,012	1,440	17,518	2,020	23,877
Region^c												
Northeast	400	5,479	840	10,526	2,840	31,278	2,120	23,297	2,900	30,851	3,020	29,151
South	8,740	43,097	8,600	40,112	10,140	45,430	12,440	52,445	13,140	53,676	13,320	52,153
Midwest	4,400	39,497	3,460	30,948	3,680	31,081	3,960	29,333	4,740	33,101	6,380	49,381
West	2,420	31,347	2,000	21,882	2,320	24,066	4,120	38,577	3,120	27,273	5,520	45,246
Cystoscopy												
Total	3,580	7,624	3,040	6,046	2,700	5,075	3,940	6,871	3,940	6,582	4,240	6,937
Gender												
Female	2,660	6,707	2,480	5,866	2,160	4,754	3,220	6,566	2,920	5,655	3,700	7,026
Male	920	12,603	560	7,000	540	6,959	720	8,675	1,020	12,409	540	6,383
Region												
Northeast	720	9,863	320	4,010	380	4,185	760	8,352	980	10,426	1,000	9,653
South	1,520	7,495	1,360	6,343	1,200	5,376	1,240	5,228	1,460	5,964	1,880	7,361
Midwest	860	7,720	720	6,440	600	5,068	820	6,074	660	4,609	580	4,489
West	440	5,699	560	6,127	520	5,394	960	8,989	800	6,993	740	6,066

^aUnweighted counts multiplied by 20 to arrive at values in the table.

^bRate per 100,000 Medicare beneficiaries 65 and older with interstitial cystitis (as defined by ICD-9 code 595.1 only).

^cPersons of other region are included in the totals.

NOTE: Counts less than 600 should be interpreted with caution.

SOURCE: Centers for Medicare and Medicaid Services, 2002- 2007.

Table 1-13. Emergency room visits by privately insured individuals for interstitial cystitis, disease specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=88)		2003 (N=121)		2004 (N=81)		2005 (N=73)		2006 (N=98)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	1.0	1.0	1.2	1.3	0.8	0.9	0.7	0.6	0.9	0.6
Age										
18-24	0.9* [†]		1.5* [†]		0.7* [†]		0.3* [†]		0.6* [†]	
25-34	1.3* [†]		1.2* [†]		0.7* [†]		1.3* [†]		2.3* [†]	
35-39	0.7* [†]		1.2* [†]		0.5* [†]		0.6* [†]		0.6* [†]	
40-44	0.8* [†]		1.0* [†]		0.9* [†]		0.3* [†]		0.6* [†]	
45-54	1.1* [†]		1.0* [†]		1.5* [†]		0.4* [†]		0.2* [†]	
55-64	0.5* [†]		2.0* [†]		0.6* [†]		1.0* [†]		1.0* [†]	
▶ 65-74	2.1* [†]		1.1* [†]		0.3* [†]		0.4* [†]		0.6* [†]	
75-84	0.4* [†]			0.8* [†]		...	
85+	...		...		...		1.2* [†]		...	
Race/ethnicity										
▶ White	1.3	0.9	1.0	1.1	0.9	1.1	0.7	0.7	0.9	0.4
Black	1.4* [†]	...	2.6* [†]	3.2	0.2* [†]	1.2	0.4* [†]	1.9	0.7* [†]	1.9
Hispanic	...	...	1.0* [†]	1.9	0.3* [†]	1.0	0.8* [†]	0.9	0.5* [†]	0.6
Asian	0.7* [†]	...	0.5* [†]
Unknown	...	...	0.2* [†]	...	0.6* [†]	...	0.4* [†]
Missing	0.9* [†]	...	1.6* [†]	...	1.0* [†]	...	1.1* [†]	...	2.3* [†]	...
Region										
Northeast	0.1* [†]	0.8	1.0* [†]	6.5	0.2* [†]	...	0.3* [†]	0.7	0.2* [†]	...
South	1.2	1.1	1.3	1.6	1.2* [†]	1.7	1.0* [†]	1.0	1.6* [†]	1.1
▶ Midwest	1.2	1.6	1.4	1.4	0.8* [†]	0.6	0.5* [†]	0.5	0.7* [†]	0.3
West	0.6* [†]	...	0.6* [†]	0.5	0.2* [†]	0.7	0.3* [†]	0.6	0.2* [†]	0.3
Gender										
Female	1.9* [†]	1.7	2.4* [†]	2.6	1.3* [†]	1.6	1.2* [†]	1.1	1.7* [†]	1.0
▶ Male	0.1* [†]	0.3	0.0* [†]	...	0.2* [†]	0.9	0.1* [†]	0.3	0.1* [†]	0.3

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

[†]Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: I3 Claims Database, 2002-2006.

Table 1-14. Nationally representative inpatient stays for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=26,386)		2003 (N=26,710)		2004 (N=26,445)		2005 (N=27,597)		2006 (N=26,403)		2007 (N=27,101)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	12.4	12.2	12.4	12.2	12.3	12.3	12.7	12.7	12.0	12.0	12.2	12.3
Age												
18-24	5.1		5.5		5.7		5.4		4.9		4.3	
25-34	17.3		17.5		17.1		17.3		14.9		15.0	
35-39	20.9		21.0		19.5		19.3		19.8		19.6	
40-44	16.6		17.5		16.8		17.4		17.5		17.4	
45-54	8.1		8.5		7.7		8.9		9.1		9.5	
55-64	5.1		5.2		5.1		5.1		5.5		5.6	
▶ 65-74	8.6		8.4		9.1		10.2		9.2		8.7	
75-84	15.0*		13.2*		18.1*		18.3*		15.8*		20.0*	
85+	44.2*		39.1*		46.4*		49.1*		44.1*		45.1*	
Race/ethnicity												
▶ White	7.6	7.4	8.5	8.4	8.8	8.8	9.6	9.6	8.9	8.9	8.1	8.2
Black	9.7*	9.7	9.8*	9.6	10.5*	10.5	8.1*	8.1	9.0*	9.1	9.0*	9.1
Hispanic	†	†	7.0*	6.9	6.3*	6.4	6.2*	6.2	6.5*	6.4	6.3*	6.3
Asian	2.3*	2.4	2.2*	2.5	2.6*	2.9	2.3*	2.3	1.7*	1.9	3.1*	2.9
Other	13.8*	13.2	13.2*	13.1	12.6*	12.6	9.4*	9.4	12.1*	11.9	14.9*	14.9
Region												
Northeast	9.1	8.8	8.3	8.1	8.0	8.0	7.6	7.6	7.5	7.6	6.4	6.5
South	16.2	16.0	16.5	16.4	14.9	14.8	15.1	15.1	14.5	14.4	15.1	15.2
▶ Midwest	14.0	13.9	14.4	14.3	16.1	16.1	17.0	17.0	16.3	16.4	16.1	16.4
West	7.5*	7.4	7.2*	7.1	8.1*	8.2	8.8*	8.8	7.6*	7.6	8.4*	8.5
Gender												
Female	21.0*	20.8	21.5*	21.4	21.2*	21.1	21.9*	21.9	20.9*	21.0	20.7*	20.9
▶ Male	2.9	2.9	2.4	2.4	2.8	2.9	2.8	2.8	2.5	2.5	3.1	3.1

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

† Figure does not meet standard for reliability or precision.

^aRate per 100,000 individuals in the same demographic stratum is based on 2002-2007 population estimates from Current Population Survey (CPS).

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Healthcare Cost and Utilization Project Nationwide Inpatient Sample, 2002-2007.

Table 1-15. Inpatient stays by Medicare beneficiaries for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=7,520)		2003 (N=7,840)		2004 (N=8,760)		2005 (N=8,940)		2006 (N=8,560)		2007 (N=8,200)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	21.1	19.2	21.5	18.6	23.7	19.2	24.1	19.7	23.5	21.0	22.7	21.0
Under 65/65+												
< 65 Years	29.9*	29.9	31.8*	31.8	40.4*	40.4	39.2*	39.2	30.8*	30.8	29.0*	29.0
▶ 65+ Years	18.9	19.2	18.8	18.6	19.2	19.2	19.8	19.7	21.5	21.0	20.8	21.0
Age												
▶ 65-69	12.3		16.2		13.3		16.4		15.7		15.2	
70-74	19.4*		16.0*		16.8*		14.4*		18.7*		20.6*	
75-79	18.9*		17.7*		21.8*		23.8*		21.4*		21.5*	
80-84	24.4*		18.0*		20.5*		20.7*		31.0*		25.7*	
85-89	29.8*		33.5*		32.8*		30.4*		25.4*		29.6*	
90-94	12.7**		30.7**		24.0**		21.6**		29.7**		17.6**	
95-97	41.0**		40.1**		49.3**		48.6**		19.9**		49.7**	
98+	21.6**		10.7**		10.6**		41.4**		51.1**		0.0**	
Race/ethnicity												
▶ White	20.4	19.8	21.0	19.0	22.7	19.3	23.9	19.6	23.0	21.0	22.6	21.5
Black	24.6*	15.3	25.0*	14.1	29.9*	19.2	25.5*	23.2	34.0*	27.8	23.2*	20.1
Hispanic	30.4**	17.5	20.4**	18.0	17.0**	5.7	27.5**	15.3	14.1**	18.5	24.7**	12.3
Asian	4.0**	0.0	7.6**	5.9	14.3**	12.8	13.4**	11.2	3.3**	5.2	3.2**	0.0
Other	45.0**	31.2	31.6**	24.6	42.3**	23.4	28.5**	23.9	19.6**	8.5	35.2**	28.1
Unknown	0.0**	...	86.0**	...	81.4**	...	58.8**	...	31.3**	...	33.7**	...
Region												
▶ Northeast	13.0	13.8	13.4	11.2	16.1	12.0	22.0	18.9	16.0	16.8	14.0	12.9
South	27.4*	24.5	25.9*	22.9	27.3*	21.7	29.1*	23.1	30.4*	26.0	28.1*	25.1
Midwest	20.6*	18.3	23.5*	21.7	28.1*	23.6	24.4*	18.9	23.2*	22.7	20.3*	17.9
West	17.1*	14.4	17.7*	12.9	17.5*	15.2	14.5*	14.5	17.0*	12.4	23.4*	25.7
Gender												
Female	31.1*	25.3	32.2*	25.7	36.2*	26.6	37.2*	26.8	36.0*	29.5	34.2*	29.7
▶ Male	8.5	10.9	8.0	9.0	7.9	9.2	7.6	10.2	8.1	9.9	8.5	9.7

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

**Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-16. Inpatient stays by privately insured individuals for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=8,077)		2003 (N=7,990)		2004 (N=7,265)		2005 (N=7,381)		2006 (N=6,408)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	91.5	76.3	81.1	70.4	72.2	64.9	69.2	63.9	61.6	59.3
Age										
18-24	49.4		45.2		37.8*		36.3*		35.2*	
25-34	117.3*		100.7*		91.8*		84.5*		68.2*	
35-39	134.0*		120.5*		103.7*		104.5*		91.2*	
40-44	124.9*		108.5*		95.8*		98.9*		92.5*	
45-54	76.1*		69.8*		62.6*		60.0*		57.1*	
55-64	40.4*		37.8*		37.1*		31.9*		31.5*	
▶ 65-74	56.6		46.2		49.0		45.2		43.7	
75-84	101.3*		99.9*		95.3*		99.6*		76.5*	
85+	...		117.4*		96.5*		113.6*		119.0*	
Race/ethnicity										
▶ White	89.7	73.8	84.9	73.8	72.4	64.9	67.4	62.2	61.1	59.2
Black	117.8*	83.0	110.4*	85.6	102.3*	94.3	101.6*	98.1	75.7*	72.7
Hispanic	104.3*	98.0	94.7*	80.1	83.1*	71.1	83.8*	74.3	67.8*	72.8
Asian	55.9*	51.1	43.4*	48.3	41.0*	40.2	38.9*	47.7	38.1*	47.6
Other	67.0**	59.2	69.1*	63.6	62.2*	72.1	50.5*	45.0	57.3*	66.7
Unknown	79.1*	...	77.6*	...	65.2*	...	62.0*	...	56.7*	...
Missing	93.0*	...	74.6*	...	66.8*	...	69.3*	...	63.4*	...
Region										
Northeast	59.0*	50.6	51.4*	58.1	47.8*	59.3	41.5*	43.8	41.8*	46.6
South	108.3*	84.1	98.5*	75.5	84.8*	68.9	82.3*	68.8	70.5*	64.2
▶ Midwest	80.2	72.4	70.9	64.6	65.5	61.6	63.2	63.5	55.4	55.4
West	94.5*	76.2	74.7*	75.1	68.3*	58.9	63.2*	61.6	61.2*	62.8
Gender										
Female	172.4*	133.1	152.3*	120.3	135.2*	108.9	128.5*	106.8	115.7*	100.6
▶ Male	5.9	14.7	5.8	15.6	5.8	16.9	6.7	16.7	5.2	14.8

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

**Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-17. Hospital outpatient visits by Medicare beneficiaries for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=46,100)		2003 (N=48,900)		2004 (N=52,740)		2005 (N=54,840)		2006 (N=59,580)		2007 (N=60,340)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	129.6	122.5	134.1	128.6	142.6	138.0	147.8	142.2	163.9	159.3	166.8	163.8
Under 65/65+												
< 65 Years	152.1*	152.1	153.6*	153.6	162.6*	162.6	170.4*	170.4	183.6*	183.6	179.0*	179.0
▶ 65+ Years	123.9	122.5	128.9	128.6	137.1	138.0	141.4	142.2	158.2	159.3	163.2	163.8
Age												
▶ 65-69	96.1		104.3		115.1		117.5		135.7		135.6	
70-74	118.1*		109.9*		128.3*		129.4*		139.0*		149.6*	
75-79	137.5*		149.0*		144.7*		146.8*		166.4*		174.2*	
80-84	145.7*		157.3*		152.0*		171.1*		182.8*		186.8*	
85-89	139.8*		152.3*		186.4*		185.1*		217.8*		215.9*	
90-94	164.7*		163.5*		157.9*		147.2*		186.0*		194.0*	
95-97	184.4*♦		150.3*♦		128.3*♦		155.7*♦		139.4*♦		159.1*♦	
98+	86.4*♦		64.2*♦		84.7*♦		124.3*♦		71.6*♦		81.7*♦	
Race/ethnicity												
▶ White	120.9	119.6	125.4	124.5	135.6	135.5	144.6	140.9	161.6	159.6	159.7	162.6
Black	160.3*	122.5	169.8*	147.3	163.4*	135.5	152.9*	136.4	148.8*	128.1	176.8*	139.3
Hispanic	136.6*	98.8	163.2*	139.9	164.0*	134.3	170.2*	164.1	188.4*	126.5	272.1*	207.4
Asian	84.8*♦	61.1	87.1*♦	60.8	100.2*♦	89.8	57.1*♦	62.4	129.6*	131.7	82.4*♦	100.5
Other	415.1*	367.6	344.1*	360.2	374.9*	359.8	302.4*	315.0	328.0*	353.8	370.8*	371.2
Unknown	240.4*♦	...	286.8*♦	...	81.4*♦	...	264.5*♦	...	312.8*♦	...	302.9*♦	...
Region												
▶ Northeast	121.4	108.4	126.8	108.4	145.5	121.8	149.8	125.1	167.1	152.1	186.3	172.1
South	94.0*	86.6	103.2*	95.4	101.4*	97.8	103.8*	98.4	106.9*	100.5	113.6*	106.4
Midwest	179.8*	173.5	179.4*	181.4	189.3*	190.0	211.6*	213.5	244.9*	247.4	228.2*	239.7
West	146.1*	143.8	146.1*	148.7	164.9*	172.0	151.7*	154.2	171.2*	171.4	177.2*	174.9
Gender												
Female	183.5*	167.3	182.7*	165.5	192.2*	176.8	205.6*	187.5	216.9*	200.2	230.2*	214.8
▶ Male	60.7	60.9	72.4	78.5	80.1	85.8	75.4	81.9	98.3	105.6	89.1	97.2

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-18. Hospital outpatient visits by privately insured individuals for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=29,815)		2003 (N=29,698)		2004 (N=30,780)		2005 (N=34,092)		2006 (N=34,172)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	337.8	242.6	301.3	221.3	306.0	234.1	319.5	243.5	328.4	263.8
Age										
18-24	386.7*		342.7*		346.5*		375.2*		376.2*	
25-34	476.8*		424.4*		424.3*		447.7*		442.9*	
35-39	392.0*		353.4*		356.7*		373.0*		384.3*	
40-44	326.9*		298.1*		297.6*		303.7*		322.6*	
45-54	240.6*		202.5		214.8*		232.1		235.2	
55-64	186.4*		180.0*		198.1*		202.9*		216.5*	
▶ 65-74	220.7		209.3		234.6		226.0		249.3	
75-84	260.0*		246.7*		272.6*		281.2*		375.5*	
85+	...		260.4*		212.6		282.3*		284.2*	
Race/ethnicity										
▶ White	337.6	252.8	320.2	245.4	313.7	241.5	326.9	250.6	335.5	267.4
Black	419.2*	274.3	402.2*	246.9	380.4*	254.5	396.4*	267.2	419.9*	283.9
Hispanic	347.8*	239.2	339.1*	247.1	305.3*	220.8	322.4*	226.0	321.1*	244.7
Asian	214.0*	139.0	203.9*	149.6	175.1*	142.2	189.7*	174.0	216.3*	211.7
Other	330.1*	287.7	338.5*	273.9	296.6*	242.8	243.4*	186.2	309.8*	250.2
Unknown	330.7*	...	310.6*	...	288.7*	...	294.2*	...	309.9*	...
Missing	337.9*	...	267.8*	...	284.8*	...	300.7*	...	303.8*	...
Region										
Northeast	316.5*	277.2	290.3*	256.0	310.9*	278.2	357.3	310.7	385.1*	373.4
South	336.6*	217.4	297.0*	191.9	292.8*	200.4	298.9*	193.2	306.5*	208.5
▶ Midwest	353.2	265.6	317.5	247.4	332.9	261.1	356.3	284.9	370.1	316.2
West	320.9*	228.7	285.6*	218.3	283.0*	250.0	275.4*	246.2	274.5*	237.4
Gender										
Female	612.3*	382.1	543.6*	339.9	549.9*	359.4	567.4*	365.5	587.4*	400.0
▶ Male	47.0	91.3	45.1	90.8	48.7	97.1	58.4	109.1	58.4	116.5
Unknown	510.4*♦	...	331.0*♦	...	248.4*♦	...	190.1*♦	...	372.7*♦	...

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-19. Nationally representative hospital outpatient visits for interstitial cystitis, disease non-specific, listed as primary diagnosis, 2002-2007 (merged), 6-year count

	6-Year Count
Total	531,410
Age	
40-44	161,750
45-54	147,248
55-64	91,460
65-74	78,888
75-84	49,032
85+	3,032
Race/ethnicity	
White	431,796
Black	79,526
Hispanic	5,471
Asian	14,617
Region	
Northeast	101,013
South	246,226
Midwest	125,424
West	58,747
Gender	
Female	439,641
Male	91,769

SOURCE: National Ambulatory Medical Care Survey, 2002-2007; National Hospital Ambulatory Medical Care Survey, 2002-2007.

Table 1-20. Ambulatory surgery center visits by Medicare beneficiaries for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=19,980)		2003 (N=20,960)		2004 (N=20,280)		2005 (N=20,600)		2006 (N=20,760)		2007 (N=20,000)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	56.2	62.8	57.5	64.8	54.8	59.2	55.5	62.0	57.1	62.7	55.3	62.3
Under 65/65+												
< 65 Years	36.2*	36.2	36.5*	36.5	41.7*	41.7	38.3*	38.3	41.5*	41.5	36.4*	36.4
▶ 65+ Years	61.3	62.8	63.0	64.8	58.4	59.2	60.4	62.0	61.6	62.7	60.9	62.3
Age												
▶ 65-69	50.9		53.1		44.2		47.1		46.0		50.5	
70-74	65.0*		66.0*		62.2*		58.7*		64.4*		58.1*	
75-79	66.2*		76.0*		68.7*		77.5*		75.4*		80.0*	
80-84	79.3*		66.2*		75.6*		68.0*		75.0*		72.3*	
85-89	59.7*		68.6*		50.9*		69.1*		60.6*		53.6*	
90-94	25.3*♦		34.8*♦		48.0*♦		33.4*♦		47.5*♦		47.0*♦	
95-97	30.7*♦		20.0*♦		19.7*♦		58.4*♦		49.8*♦		29.8*♦	
98+	21.6*♦		...		...		20.7*♦		20.5*♦		10.2*♦	
Race/ethnicity												
▶ White	57.9	64.7	60.4	68.2	57.4	62.0	58.0	64.2	60.5	65.7	58.0	64.7
Black	48.7*	56.4	43.8*	49.7	44.0*	48.9	43.4*	53.4	37.9*	47.7	43.1*	53.0
Hispanic	18.2*♦	17.6	29.1*♦	46.3	19.8*♦	34.5	38.4*♦	32.0	45.0*♦	52.3	27.5*♦	35.3
Asian	20.2*♦	33.0	26.5*♦	30.3	17.9*♦	33.3	20.2*♦	25.1	13.3*♦	19.3	34.8*♦	56.3
Other	65.7*♦	76.1	50.5*♦	68.2	54.4*♦	56.5	48.5*♦	64.1	53.3*♦	53.2	46.0*♦	51.0
Unknown	213.7*♦	...	28.7*♦	...	108.6*♦	...	117.5*♦	...	93.8*♦	...	67.3*♦	...
Region												
▶ Northeast	60.3	68.1	67.5	76.2	58.0	62.0	56.3	63.5	58.0	63.4	60.2	69.0
South	58.6*	65.1	57.0*	63.0	55.8*	60.3	56.8*	63.9	53.0*	58.5	55.7*	64.5
Midwest	64.5*	71.5	64.4*	71.8	63.5*	67.4	66.9*	73.8	71.8*	77.5	67.5*	71.7
West	32.1*	36.3	36.0*	44.4	35.6*	40.7	35.1*	38.7	44.0*	50.1	31.9*	36.5
Gender												
Female	55.2*	57.0	56.8*	58.9	55.2	53.8	54.3*	55.6	59.5*	58.2	57.0*	58.1
▶ Male	57.4	71.2	58.4	73.2	54.3	66.8	57.0	70.8	54.2	69.0	53.2	68.1

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-21. Ambulatory surgery center visits by privately insured individuals for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=4,045)		2003 (N=3,138)		2004 (N=1,853)		2005 (N=1,983)		2006 (N=2,039)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	45.8	29.9	31.8	22.0	18.4	15.1	18.6	14.6	19.6	16.3
Age										
18-24	41.8*		26.8*		14.0		15.5		17.7	
25-34	61.8*		43.4*		25.2*		26.9*		27.8*	
35-39	69.5*		47.3*		26.0*		24.8*		23.9*	
40-44	56.2*		39.1*		19.9*		19.8*		20.7	
45-54	31.9*		22.9*		14.5		13.2		13.6*	
55-64	23.3		15.1		9.7*		12.5		13.3*	
▶ 65-74	18.7		16.8		14.9		14.6		17.5	
75-84	8.6*♦		14.9*♦		23.6*		17.7*		20.4*♦	
85+	...		12.9*♦		7.5*♦		4.8*♦		24.2*♦	
Race/Ethnicity										
▶ White	55.1	36.3	36.4	25.5	19.1	15.1	19.2	14.1	20.7	17.0
Black	52.9*	27.2	35.4*	19.6	18.2*	17.5	17.6*	11.6	18.7*	18.9
Hispanic	93.2*	70.5	49.7*	44.1	20.1*	19.0	17.9*	14.8	20.4*	21.0
Asian	42.8*	54.7	23.9*	13.6	13.1*	17.2	10.1*	15.2	10.7*	14.2
Other	62.0*♦	87.4	31.1*♦	20.9	15.9*♦	18.4	23.6*♦	23.6	7.7*♦	17.4
Unknown	53.0*	...	41.1*	...	16.4*	...	20.1*	...	16.7*	...
Missing	34.4*	...	22.7*	...	16.6*	...	17.1*	...	18.4*	...
Region										
Northeast	39.5*	28.8	18.1*	14.1	12.7*	12.7	7.6*	6.3	7.6*	8.0
South	58.0*	37.0	40.0*	29.4	20.5*	18.5	20.0	16.6	23.1*	21.2
▶ Midwest	30.5	20.3	25.0	14.6	17.6	13.1	19.5	15.3	17.7	12.4
West	52.9*	34.0	34.1*	25.1	18.7*	11.9	21.1*	13.7	21.6*	16.6
Gender										
Female	85.8*	51.2	58.5*	35.2	32.2*	21.3	32.4*	20.2	33.8*	22.1
▶ Male	3.5	6.8	3.7	7.4	3.9	8.3	4.1	8.3	4.8	9.8

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-22. Nationally representative ambulatory surgery center visits for interstitial cystitis, disease non-specific, listed as primary diagnosis, count, rate,^a age-adjusted rate^b

	Count	Rate	Age-Adjusted Rate
Total	132,719	60.4	60.4
Age			
18-24	8,422	30.1	
25-34	40,377	102.3*	
35-39	13,071	62.9	
40-44	22,947	102.7*	
45-54	22,151	51.8	
55-64	7,785	25.1	
▶ 65-74	8,173	44.1	
75-84	9,255	71.4*	
85+	538	13.5*	
Gender			
Female	124,723	109.9*	109.9
▶ Male	7,996	7.5	11.3

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

^aRate per 100,000 individuals in the same demographic stratum is based on 2006 population estimates from Current Population Survey (CPS).

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: National Survey of Ambulatory Surgery, 2006.

Table 1-23. Physician office visits by Medicare beneficiaries for interstitial cystitis, disease non-specific, listed as any diagnosis, rate,^a age-adjusted rate^b

	2002 (N=1,238,600)		2003 (N=1,351,100)		2004 (N=1,420,960)		2005 (N=1,494,140)		2006 (N=1,545,280)		2007 (N=1,550,120)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	3,482	3,891	3,704	4,150	3,841	4,307	4,026	4,563	4,251	4,848	4,285	4,934
Under 65/65+												
< 65 Years	2,038*	2,038	2,212*	2,212	2,312*	2,312	2,345*	2,345	2,402*	2,402	2,370*	2,370
▶ 65+ Years	3,851	3,891	4,098	4,150	4,254	4,307	4,499	4,563	4,781	4,848	4,860	4,934
Age												
▶ 65-69	2,824		2,966		3,135		3,290		3,464		3,492	
70-74	3,688*		3,953*		4,069*		4,276*		4,483*		4,696*	
75-79	4,504*		4,770*		4,919*		5,250*		5,552*		5,631*	
80-84	4,862*		5,189*		5,392*		5,743*		6,185*		6,223*	
85-89	4,570*		5,009*		5,178*		5,526*		6,022*		6,064*	
90-94	3,838*		3,923*		4,392*		4,531*		4,865*		4,958*	
95-97	2,715*		3,176*		2,586*		2,851*		3,366*		3,600*	
98+	799.2*		823.3*		847.4*		932.0*		1,258*		929.3*	
Race/ethnicity												
▶ White	3,571	3,989	3,800	4,247	3,926	4,388	4,140	4,659	4,402	4,985	4,450	5,086
Black	2,627*	2,884	2,808*	3,146	2,981*	3,411	2,978*	3,522	3,102*	3,666	3,054*	3,609
Hispanic	2,996*	2,938	3,329*	3,443	3,443*	3,485	3,643*	3,706	3,590*	3,725	3,483*	3,656
Asian	2,665*	2,733	2,733*	2,784	3,004*	3,180	3,518*	3,778	3,363*	3,603	3,437*	3,733
Other	4,797*	5,631	5,022*	6,026	5,312*	6,050	4,863*	5,897	4,598*	5,694	4,574*	5,737
Unknown	7,078*	...	6,825*	...	7,790*	...	7,905*	...	7,851*	...	8,314*	...
Region												
▶ Northeast	3,881	4,421	4,180	4,757	4,446	5,089	4,809	5,589	5,150	5,975	5,275	6,202
South	3,830*	4,245	4,037*	4,476	4,071*	4,548	4,225*	4,734	4,418*	4,998	4,473*	5,109
Midwest	2,953*	3,267	3,102*	3,437	3,292*	3,612	3,355*	3,741	3,650*	4,068	3,579*	4,001
West	2,989*	3,384	3,274*	3,759	3,421*	3,891	3,669*	4,241	3,735*	4,379	3,767*	4,463
Gender												
Female	3,973*	4,162	4,105*	4,299	4,190*	4,387	4,367*	4,605	4,481*	4,754	4,562*	4,888
▶ Male	2,855	3,542	3,197	3,965	3,402	4,219	3,599	4,528	3,965	4,991	3,946	5,005

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-24. Physician office visits by privately insured individuals for interstitial cystitis, disease non-specific, listed as any diagnosis, rate,^a age-adjusted rate^b

	2002 (N=253,259)		2003 (N=261,295)		2004 (N=271,491)		2005 (N=292,520)		2006 (N=287,438)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	2,870	2,666	2,651	2,617	2,699	2,792	2,741	2,879	2,762	3,030
Age										
18-24	2,453*		2,131*		2,021*		2,041*		1,994*	
25-34	3,446*		3,102*		3,075*		3,047*		3,053*	
35-39	3,204*		2,961*		3,025*		3,025*		3,103*	
40-44	2,941*		2,756		2,845*		2,845*		2,922*	
45-54	2,465*		2,308*		2,375*		2,467*		2,551*	
55-64	2,406*		2,283*		2,403*		2,531*		2,589*	
▶ 65-74	2,706		2,729		3,129		3,220		3,424	
75-84	3,373*		3,751*		4,188*		4,309*		4,925*	
85+	...		3,373*		3,696*		3,788*		3,985*	
Race/ethnicity										
▶ White	2,953	2,815	2,801	2,833	2,637	2,786	2,666	2,850	2,700	3,023
Black	3,552*	2,949	3,545*	3,280	3,071*	2,908	3,084*	2,960	3,243*	3,232
Hispanic	3,567*	3,331	3,386*	3,209	3,109*	3,091	3,080*	3,175	3,156*	3,321
Asian	2,632*	2,662	2,609*	2,947	2,531*	2,805	2,518*	2,755	2,453*	2,829
Other	3,286*	3,044	3,212*	3,094	2,961*	3,134	2,747*	2,884	2,944*	3,092
Unknown	3,023*	...	2,876*	...	2,750*	...	2,699*	...	2,744*	...
Missing	2,715*	...	2,253*	...	2,639*	...	2,863*	...	2,720*	...
Region										
Northeast	2,838*	2,941	2,724*	2,959	2,928*	3,313	2,910*	3,388	2,968*	3,717
South	3,010*	2,653	2,782*	2,601	2,804*	2,793	2,882*	2,926	2,912*	3,076
▶ Midwest	2,789	2,622	2,541	2,556	2,564	2,668	2,583	2,681	2,575	2,791
West	2,671*	2,478	2,439*	2,409	2,489*	2,538	2,527*	2,755	2,543*	2,835
Gender										
Female	4,939*	3,949	4,496*	3,698	4,522*	3,884	4,551*	4,008	4,580*	4,098
▶ Male	677.4	1,281	700.5	1,427	776.7	1,591	836.4	1,632	867.4	1,839
Unknown	2,088*	...	1,866*	...	2,307*	...	1,901*	...	2,311*	...

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-25. Nationally representative physician office visits for interstitial cystitis, disease non-specific, listed as any diagnosis, 2002-2007 (merged), 6-year count

	6-Year Count
Total	13,028,006
Age	
40-44	2,029,152
45-54	3,416,537
55-64	2,790,006
65-74	2,062,078
75-84	2,207,976
85+	522,257
Race/ethnicity	
White	11,030,238
Black	1,689,480
Hispanic	308,288
Region	
Northeast	2,592,607
South	5,540,395
Midwest	3,179,547
West	1,715,457
Gender	
Female	10,238,232
Male	2,789,774

SOURCE: National Ambulatory Medical Care Survey, 2002-2007; National Hospital Ambulatory Medical Care Survey, 2002-2007.

Table 1-26. Physician office visits by Medicare beneficiaries for interstitial cystitis, disease specific,^a or interstitial cystitis, disease non-specific,^b by specialty of care, count,^c rate^d

Specialty	2002		2003		2004		2005		2006		2007	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
Urology	79,260	4,322	82,220	4,131	86,860	4,141	92,480	4,283	94,300	4,301	99,520	4,538
Gynecologist	2,440	133.0	3,560	179.0	5,940	283.0	8,320	385.0	9,040	412.0	10,740	490.0
Primary Care	12,160	663.0	14,960	752.0	14,920	711.0	15,900	736.0	17,780	811.0	18,320	835.0
Other	8,180	446.0	9,480	476.0	10,440	498.0	13,920	645.0	13,900	634.0	17,520	799.0

^aInterstitial cystitis, disease specific, ICD-9 code 595.1.

^bPainful bladder syndrome (interstitial cystitis, disease non-specific), ICD-9 code 788.41 (urinary frequency), along with either ICD-9 code 625.8 or 625.9.

^cUnweighted counts multiplied by 20 to arrive at values in the table.

^dRate per 100,000 people 65 and older and eligible for Medicare.

NOTE: Counts less than 600 should be interpreted with caution.

SOURCE: Centers for Medicare and Medicaid Services, 5% Carrier and Outpatient Files, 2002-2007.

Table 1-27. Emergency room visits by Medicare beneficiaries for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=25,960)		2003 (N=26,360)		2004 (N=26,440)		2005 (N=26,420)		2006 (N=25,200)		2007 (N=25,820)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	73.0	62.9	72.3	62.1	71.5	63.0	71.2	62.7	69.3	55.8	71.4	57.2
Under 65/65+												
< 65 Years	110.0*	110.0	110.0*	110.0	100.6*	100.6	100.3*	100.3	113.8*	113.8	114.3*	114.3
▶ 65+ Years	63.5	62.9	62.3	62.1	63.6	63.0	63.0	62.7	56.6	55.8	58.5	57.2
Age												
▶ 65-69	44.7		45.8		39.3		54.7		39.8		40.0	
70-74	49.0*		54.7*		53.4*		54.2*		46.6*		57.2*	
75-79	75.7*		65.4*		70.3*		61.0*		56.1*		59.7*	
80-84	80.7*		77.7*		88.8*		74.3*		75.9*		72.7*	
85-89	90.4*		92.9*		96.1*		88.8*		89.2*		76.0*	
90-94	92.9*		90.0*		80.0*		86.4*		93.0*		86.2*	
95-97	112.7*♦		80.2*♦		167.8*♦		107.0*♦		99.6*♦		119.3*♦	
98+	64.8*♦		32.1*♦		63.6*♦		20.7*♦		20.5*♦		91.9*♦	
Race/ethnicity												
▶ White	66.9	60.4	68.2	61.3	66.5	59.7	65.1	58.8	63.9	54.4	66.0	55.0
Black	116.8*	89.7	98.8*	72.1	108.0*	101.6	111.7*	95.3	111.5*	75.6	119.6*	83.5
Hispanic	94.1*	78.4	78.7*♦	57.2	50.9*♦	54.5	101.6*	98.1	67.5*♦	45.2	82.5*	75.8
Asian	28.3*♦	25.0	53.0*♦	36.4	64.4*♦	53.4	33.6*♦	36.2	33.2*♦	40.1	34.8*♦	32.3
Other	117.6*	93.1	107.3*	74.4	130.0*	99.3	108.4*	84.5	100.9*	65.1	75.8*♦	69.0
Unknown	267.1*♦	...	258.1*♦	...	81.4*♦	...	293.9*♦	...	312.8*♦	...	168.3*♦	...
Region												
▶ Northeast	60.8	52.9	60.2	52.6	60.0	50.0	63.0	57.8	54.3	45.5	63.6	51.6
South	82.9*	71.1	76.5*	63.7	77.0*	68.7	75.9*	66.6	74.5*	58.7	71.6*	55.2
Midwest	73.6*	63.5	74.9*	69.3	75.2*	64.1	75.7*	66.0	75.1*	58.8	80.4*	65.5
West	63.1*	54.7	72.7*	58.2	66.4*	63.0	63.2*	54.2	66.2*	56.5	66.9*	56.1
Gender												
Female	98.0*	77.9	99.0*	77.2	96.5*	78.5	100.1*	81.4	99.9*	72.5	102.6*	75.0
▶ Male	41.0	42.0	38.3	41.8	39.9	42.2	35.0	37.7	31.5	33.8	33.1	34.0

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

♦Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-28. Emergency room visits by privately insured individuals for interstitial cystitis, disease non-specific, listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=8,148)		2003 (N=8,003)		2004 (N=5,630)		2005 (N=4,242)		2006 (N=3,936)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	92.3	41.6	81.2	46.9	56.0	36.3	39.8	30.0	37.8	20.5
Age										
18-24	223.5*		165.4*		112.1*		76.7*		80.0*	
25-34	140.2*		117.1*		77.4*		58.3*		54.6*	
35-39	74.3*		71.2*		50.8*		31.2		29.4*	
40-44	58.3*		58.2*		36.1		24.2*		22.2*	
45-54	36.1		42.0		29.8		19.6*		19.4	
55-64	29.6		38.7		35.0		21.1*		27.3*	
▶ 65-74	34.4		37.3		32.3		36.2		17.1	
75-84	68.0*		67.0*		51.2*		62.6*		12.7**	
85+	...		74.0*		85.9*		106.5*		11.0**	
Race/ethnicity										
▶ White	78.7	37.4	71.1	39.0	42.1	28.3	25.6	21.4	23.1	10.6
Black	195.1*	80.8	206.5*	110.1	120.0*	71.9	80.4*	52.9	77.5*	45.5
Hispanic	77.4*	45.1	103.6*	86.5	78.9*	66.9	53.9*	51.2	55.2*	50.8
Asian	37.0*	18.8	36.4*	30.2	19.5*	13.4	15.2*	12.5	12.6*	8.5
Other	79.4*	63.4	81.2*	38.6	43.9*	25.8	30.3**	32.2	24.3**	18.0
Unknown	73.0*	...	76.7*	...	48.7*	...	32.6*	...	28.5*	...
Missing	102.2*	...	83.2*	...	93.6*	...	98.1*	...	101.1*	...
Region										
Northeast	27.7*	17.8	30.2*	17.4	22.6*	11.4	19.4*	13.8	18.7*	6.4
South	83.0*	40.2	82.0*	55.2	55.3*	46.2	35.8*	38.5	38.8*	32.1
▶ Midwest	142.4	58.2	121.9	56.4	89.7	40.8	69.8	33.8	62.8	21.1
West	43.7*	14.4	20.3*	9.8	6.7*	9.0	3.1*	3.8	2.0*	1.7
Gender										
Female	173.2*	69.3	150.7*	77.3	103.2*	58.7	72.8*	47.7	70.8*	34.1
▶ Male	6.7	11.7	7.7	13.9	6.2	12.1	5.0	11.0	3.5	6.1

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

*Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-29. Nationally representative emergency room visits for interstitial cystitis, disease non-specific, listed as primary diagnosis, 2002-2007 (merged), 6-year count

	6-Year Count
Total	652,870
Age	
40-44	225,487
45-54	185,223
55-64	68,684
65-74	70,246
75-84	72,510
85+	30,720
Race/ethnicity	
White	485,769
Black	134,575
Hispanic	24,346
Asian	2,488
Other	5,692
Region	
Northeast	114,303
South	262,640
Midwest	141,970
West	133,957
Gender	
Female	542,516
Male	110,354

SOURCE: National Ambulatory Medical Care Survey, 2002-2007; National Hospital Ambulatory Medical Care Survey, 2002-2007.

Table 1-30. Nationally representative inpatient stays for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=8,219)		2003 (N=7,294)		2004 (N=7,014)		2005 (N=6,978)		2006 (N=6,581)		2007 (N=6,675)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	8.1	8.1	7.0	7.0	6.8	6.8	6.6	6.6	6.2	6.1	6.2	6.1
Age												
18-24	0.5		0.7		0.6		0.3		0.7		0.6	
25-34	1.9		1.5		1.3		1.4		1.5		1.3	
35-39	2.7		2.4		2.7		2.7		1.9		2.4	
40-44	3.9		3.9		3.4		3.4		3.1		3.1	
45-54	6.4		5.4		5.7		5.5		5.1		5.0	
55-64	13.4		12.5		11.5		11.9		11.5		10.1	
▶ 65-74	25.6		20.7		18.4		17.2		17.0		17.6	
75-84	26.6*		23.3*		26.8*		24.5*		19.4*		22.1*	
85+	38.3*		28.1*		31.6*		32.3*		30.3*		29.7*	
Race/ethnicity												
▶ White	5.1	5.5	5.3	5.3	5.4	5.5	5.3	5.3	4.9	4.9	4.7	4.6
Black	4.1*	4.2	4.6*	4.6	4.6*	5.5	4.5*	4.5	4.3*	4.2	4.8*	4.8
Hispanic	†	†	3.5*	4.3	3.6*	3.7	3.2*	3.2	4.1*	4.0	3.2*	3.1
Asian	3.0*	4.1	2.3*	4.4	2.9*	5.6	1.5*	2.9	2.2*	3.4	3.5*	4.1
Other	14.3*	20.5	11.6*	13.2	6.8*	8.7	4.7*	6.6	8.6*	10.4	9.6*	11.6
Region												
Northeast	8.2	7.9	6.4	6.2	5.8	5.9	6.3	6.3	7.3	7.2	7.3	7.2
South	10.2	10.2	9.1	9.0	9.5	9.5	8.0	8.0	7.8	7.7	7.5	7.4
▶ Midwest	7.5	7.5	7.3	7.5	6.2	7.5	6.9	6.9	5.9	5.9	5.8	5.8
West	5.3*	5.4	4.1*	4.0	3.9*	3.9	4.5*	4.5	3.1*	3.6	3.7*	3.7

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

† Figure does not meet standard for reliability or precision.

^aRate per 100,000 individuals in the same demographic stratum is based on 2002-2007 population estimates from Current Population Survey (CPS).^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Healthcare Cost and Utilization Project Nationwide Inpatient Sample, 2002-2007.

Table 1-31. Inpatient stays by Medicare beneficiaries for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=1,960)		2003 (N=1,900)		2004 (N=1,500)		2005 (N=1,500)		2006 (N=1,180)		2007 (N=1,280)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	12.6	13.7	11.8	12.2	9.2	11.0	9.1	10.7	7.3	8.3	7.9	9.0
Under 65/65+												
< 65 Years	8.8* [†]	8.8	9.4* [†]	9.4	4.8* [†]	4.8	5.1* [†]	5.1	4.2* [†]	4.2	5.0* [†]	5.0
▶ 65+ Years	13.8	13.7	12.6	12.2	10.7	11.0	10.5	10.7	8.4	8.3	8.9	9.0
Age												
▶ 65-69	10.5* [†]		8.0* [†]		6.7* [†]		5.1* [†]		7.3* [†]		10.4* [†]	
70-74	12.4* [†]		13.6* [†]		9.1* [†]		11.9* [†]		8.8* [†]		6.9* [†]	
75-79	17.2* [†]		14.4* [†]		16.1* [†]		16.4* [†]		8.4* [†]		10.4* [†]	
80-84	12.8* [†]		13.6* [†]		18.1* [†]		14.3* [†]		9.7* [†]		8.6* [†]	
85-89	21.8* [†]		15.8* [†]		7.6* [†]		7.6* [†]		7.4* [†]		7.1* [†]	
90-94	34.3* [†]		32.6* [†]		0.0* [†]		7.6* [†]		7.5* [†]		7.3* [†]	
95-97	0.0* [†]		51.9* [†]		0.0* [†]		0.0* [†]		0.0* [†]		0.0* [†]	
98+	0.0* [†]		0.0* [†]		0.0* [†]		0.0* [†]		41.2* [†]		...	
Race/ethnicity												
▶ White	12.0	13.0	12.2	12.6	9.4	11.1	9.2	10.6	7.6	8.5	7.7	8.8
Black	9.3* [†]	12.0	7.7* [†]	4.0	6.3* [†]	11.7	11.2* [†]	15.9	3.8* [†]	4.0	10.2* [†]	12.7
Hispanic	32.3* [†]	24.1	12.4* [†]	23.2	18.1* [†]	15.3	5.8* [†]	6.9	6.0* [†]	0.0	5.9* [†]	7.1
Asian	0.0* [†]	0.0	0.0* [†]	0.0	0.0* [†]	0.0	0.0* [†]	0.0	15.5* [†]	22.5	7.4* [†]	16.7
Other	28.6* [†]	44.2	26.0* [†]	80.3	12.4* [†]	11.5	5.8* [†]	9.6	5.6* [†]	11.9	5.4* [†]	8.4
Unknown	152.1* [†]	...	0.0* [†]	...	0.0* [†]	...	0.0* [†]
Region												
▶ Northeast	10.0* [†]	9.9	7.2* [†]	8.1	6.5* [†]	7.4	7.1* [†]	7.0	5.9* [†]	7.3	7.2* [†]	8.5
South	14.9* [†]	15.9	16.3* [†]	17.6	12.5* [†]	14.9	13.5* [†]	16.4	11.4* [†]	12.7	8.9* [†]	11.0
Midwest	13.8* [†]	15.8	11.0* [†]	10.6	9.9* [†]	12.7	6.9* [†]	9.1	4.5* [†]	4.7	8.2* [†]	8.6
West	8.3* [†]	9.5	7.9* [†]	7.2	3.5* [†]	3.8	4.8* [†]	5.0	3.4* [†]	5.0	6.0* [†]	6.2

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

[†]Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-32. Inpatient stays by privately insured individuals for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=459)		2003 (N=454)		2004 (N=412)		2005 (N=415)		2006 (N=365)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	10.7	23.9	9.5	23.8	8.4	20.9	8.0	17.4	7.2	19.3
Age										
18-24	0.7*♦		1.3*♦		0.3*♦		0.7*♦		0.7*♦	
25-34	2.6*♦		1.8*♦		1.4*♦		0.9*♦		1.4*♦	
35-39	5.3*♦		3.0*♦		2.0*♦		2.7*♦		2.9*♦	
40-44	4.1*♦		3.8*♦		4.4*♦		3.3*♦		3.2*♦	
45-54	10.7*		8.8*		6.9*		8.2*		5.9*	
55-64	26.3*		23.5*		22.4*		19.7*		18.2*	
▶ 65-74	50.6		44.5		39.0		32.5		41.7	
75-84	67.5*		88.3*		73.3*		47.2*		70.0*	
85+	...		32.0*♦		34.5*♦		36.1*♦		25.8*♦	
Race/ethnicity										
▶ White	14.1	29.1	11.5	28.7	8.6	21.5	7.7	16.7	7.6	20.1
Black	15.3*♦	31.5	9.6*♦	23.2	9.3*♦	19.9	9.6*♦	23.3	10.8*♦	26.5
Hispanic	13.6*♦	24.0	8.8*♦	26.1	8.7*	21.7	8.8*	21.9	6.7*	16.6
Asian	10.2*♦	125.8	8.1*♦	25.0	5.0*♦	30.4	4.6*♦	19.5	4.4*♦	21.0
Other	14.1*♦	138.8	13.0*♦	45.3	4.6*♦	42.3	10.5*♦	36.0	4.1*♦	13.4
Unknown	6.8*♦	...	9.8*♦	...	9.0*♦	...	6.8*♦	...	4.5*♦	...
Missing	8.1*	...	7.0*	...	7.7*	...	9.6*	...	6.8*	...
Region										
Northeast	11.1	25.2	8.8	21.1	10.1*	24.3	7.3	18.7	8.6	22.5
South	11.8	25.8	10.1	23.2	9.8*	24.3	9.0*	19.4	7.6	21.3
▶ Midwest	11.6	25.3	10.7	27.3	7.2	17.6	7.4	15.4	6.7	18.7
West	4.4*♦	10.8	5.1*	17.9	5.1*	15.7	6.6*	17.9	5.7*	15.1

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-33. Hospital outpatient visits by Medicare beneficiaries for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=12,900)		2003 (N=13,900)		2004 (N=13,940)		2005 (N=14,520)		2006 (N=15,100)		2007 (N=11,880)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	82.6	88.7	86.5	94.2	85.1	90.0	88.0	88.7	93.0	97.0	73.1	79.2
Under 65/65+												
< 65 Years	63.5*	63.5	65.3*	65.3	72.3*	72.3	85.0*	85.0	81.5*	81.5	58.9*	58.9
▶ 65+ Years	88.9	88.7	93.6	94.2	89.5	90.0	89.1	88.7	97.1	97.0	78.4	79.2
Age												
▶ 65-69	81.8		96.0		91.1		88.8		94.7		81.4	
70-74	100.2*		104.5*		87.5*		93.0*		102.1*		74.5*	
75-79	97.3*		85.9*		99.6*		96.1*		106.4*		99.9*	
80-84	75.8*		79.1*		79.6*		69.0*		84.6*		57.7*	
85-89	81.9*		105.2*		86.4*		90.9*		89.1*		69.0*♦	
90-94	77.1*♦		73.2*♦		78.3*♦		128.5*♦		90.1*♦		73.4*♦	
95-97	107.8*♦		103.8*♦		50.5*♦		47.5*♦		143.5*♦		0.0*♦	
98+	44.2*♦		...		42.9*♦		...		82.3*♦		...	
Race/ethnicity												
▶ White	77.1	82.6	82.0	89.3	81.9	85.2	83.9	84.3	92.4	95.4	73.0	79.3
Black	103.5*	116.7	109.2*	141.0	90.3*	115.2	106.2*	111.0	64.8*	86.0	57.6*	47.3
Hispanic	84.0*♦	69.8	111.8*♦	123.0	138.5*♦	227.1	116.8*♦	105.0	143.7*♦	123.7	105.6*♦	187.1
Asian	9.4*♦	25.5	26.5*♦	41.7	41.7*♦	117.8	70.6*♦	84.1	31.0*♦	93.2	0.0*♦	0.0
Other	271.4*	384.4	188.6*♦	247.4	167.2*♦	191.1	162.8*♦	210.9	225.9*	251.7	155.7*♦	190.1
Unknown	228.1*♦	...	80.1*♦	...	146.1*♦	...	...	...	248.6*♦	...	262.9*♦	...
Region												
▶ Northeast	48.5	40.3	50.9	47.6	61.4	52.8	64.6	62.1	62.5	60.2	53.9	51.5
South	100.4*	109.7	94.8*	105.5	106.3*	114.6	99.5*	98.6	100.0*	108.0	77.1*	83.9
Midwest	81.3*	89.6	98.5*	105.1	81.0*	90.5	80.2*	80.6	88.2*	94.5	76.4*	84.6
West	82.6*	96.2	89.5*	107.3	69.2*	76.9	98.5*	107.1	116.2*	115.4	79.9*	91.4

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-34. Hospital outpatient visits by privately insured individuals for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=2,629)		2003 (N=2,676)		2004 (N=3,118)		2005 (N=3,266)		2006 (N=3,015)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	61.4	109.0	55.9	99.6	63.7	108.7	62.9	100.4	59.2	100.7
Age										
18-24	11.6*		9.0*		11.3*		10.5*		10.4*	
25-34	26.3*		26.0*		27.3*		28.3*		27.1*	
35-39	34.6*		29.9*		44.0*		38.8*		32.6*	
40-44	54.4*		38.6*		45.0*		46.8*		50.3*	
45-54	70.3*		66.1*		75.9*		75.4*		68.9*	
55-64	145.1*		141.8*		150.6*		148.6		142.1*	
▶ 65-74	192.2		164.8		170.9		157.5		181.4	
75-84	145.4*		153.3*		167.9*		101.1*		105.9*	
85+	...		50.3*♦		69.1*♦		59.1*♦		41.3*♦	
Race/ethnicity										
▶ White	72.5	123.2	66.2	112.7	68.9	116.4	66.8	105.5	63.4	105.1
Black	75.2*	117.1	82.5*	127.5	62.7*	85.7	82.3*	119.3	69.4*	112.7
Hispanic	64.5*	125.4	51.7*	117.3	49.9*	99.2	47.7*	84.4	45.5*	79.9
Asian	39.3*♦	94.6	38.4*	97.1	35.1*	76.0	47.1*	61.3	35.4*	95.0
Other	70.3*♦	160.6	87.8*♦	179.4	47.9*♦	104.8	77.4*	134.7	55.3*♦	80.7
Unknown	77.2*	...	64.4*	...	66.2*	...	59.4*	...	56.7*	...
Missing	51.7*	...	41.3*	...	54.7*	...	50.5*	...	51.2*	...
Region										
Northeast	74.1	130.9	68.7*	125.0	75.5	128.6	75.6	125.0	83.2*	143.8
South	56.8*	97.3	50.3*	88.3	54.4*	87.6	54.6*	83.7	49.9*	81.1
▶ Midwest	69.7	126.0	61.4	107.8	76.9	131.3	75.7	120.1	67.8	121.8
West	44.6*	81.9	49.9*	101.8	54.0*	112.2	51.7*	89.8	53.2*	93.1

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-35. Nationally representative hospital outpatient visits for prostatitis listed as primary diagnosis, 2002-2007 (merged), 6-year count

	6-Year Count
Total	202,640
Age	
40-44	12,477
45-54	74,669
55-64	77,798
65-74	30,212
75-84	6,478
85+	1,006
Race/ethnicity	
White	193,088
Black	7,817
Hispanic	1,735
Region	
Northeast	15,766
South	123,692
Midwest	60,399
West	2,783

SOURCE: National Ambulatory Medical Care Survey, 2002-2007; National Hospital Ambulatory Medical Care Survey, 2002-2007.

Table 1-36. Ambulatory surgery center visits by Medicare beneficiaries for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=3,920)		2003 (N=3,340)		2004 (N=3,000)		2005 (N=3,120)		2006 (N=2,680)		2007 (N=2,380)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	29.5	34.0	25.9	30.9	24.8	30.0	24.5	29.6	20.6	25.2	18.8	22.9
Age												
▶ 65-69	37.6		30.9		32.1		31.3		23.4		28.2	
70-74	44.3*		36.3*		36.6*		35.0*		32.7*		22.1*	
75-79	31.9*		31.3*		28.9*		30.4*		29.5*		25.2**	
80-84	20.5**		28.4**		20.5**		22.6**		20.5**		19.7**	
85-89	19.1**		18.4**		22.9**		17.7**		7.4**		4.8**	
90-94	8.6**		...		23.5**		7.6**		22.5**		7.3**	
95-97	...		...		0.0**		...		...		...
Race/ethnicity												
▶ White	28.9	32.7	24.1	28.5	23.9	28.7	24.7	29.0	20.3	23.5	19.3	23.0
Black	31.8**	53.6	39.8*	60.1	41.4*	68.1	27.5**	45.8	25.4**	46.5	16.6**	27.4
Hispanic	32.3**	86.4	31.1**	46.0	6.0**	62.2	11.7**	33.0	...	...	5.9**	34.7
Asian	9.4**	76.1	8.8**	39.3	0.0**	0.0	15.7**	142.0	7.8**	65.7	14.7**	58.6
Other	42.9**	45.9	45.5**	73.7	6.2**	20.7	23.3**	46.4	33.9**	88.8	26.8**	44.3
Unknown	152.1**	...	...	...	146.1**	...	...	...	82.9**	...	...	...
Region												
▶ Northeast	33.9	41.6	32.0	39.7	29.1	36.9	26.5	33.8	27.6	37.6	18.4*	21.9
South	27.7*	33.2	28.8*	32.2	27.6*	32.9	30.1*	36.5	21.3*	26.2	18.4*	22.6
Midwest	36.3*	39.5	22.0*	26.9	25.7*	29.7	25.1*	29.8	23.1*	30.3	26.5*	32.4
West	18.2**	21.0	18.1**	26.7	12.6**	17.3	9.5**	13.7	8.2**	11.2	10.1**	15.4

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

**Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-37. Ambulatory surgery center visits by privately insured individuals for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=149)		2003 (N=175)		2004 (N=133)		2005 (N=130)		2006 (N=146)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	3.5	5.4	3.7	5.7	2.7	4.2	2.5	3.9	2.9	4.9
Age										
18-24	1.3 ^{*♦}		0.5 ^{*♦}		0.5 ^{*♦}		1.0 ^{*♦}		0.9 ^{*♦}	
25-34	1.5 ^{*♦}		2.6 ^{*♦}		1.4 ^{*♦}		1.0 ^{*♦}		1.6 ^{*♦}	
35-39	2.7 ^{*♦}		3.0 ^{*♦}		2.0 ^{*♦}		2.6 ^{*♦}		1.4 ^{*♦}	
40-44	3.7 ^{*♦}		3.2 ^{*♦}		3.3 [*]		2.2 ^{*♦}		3.7 [♦]	
45-54	4.4 [*]		4.0 [*]		3.1 [*]		2.6 ^{*♦}		3.6	
55-64	7.0		6.8 [*]		5.4		4.4 [*]		5.0	
▶ 65-74	10.1 [♦]		11.4 [♦]		5.6 [♦]		8.2 [♦]		4.3 [♦]	
75-84	1.0 ^{*♦}		6.1 ^{*♦}		4.7 ^{*♦}		3.8 ^{*♦}		12.6 ^{*♦}	
85+	...		4.6 ^{*♦}		4.3 [*]		...		5.2 ^{*♦}	
Race/Ethnicity										
▶ White	4.7	7.4	3.7	5.8	2.8	4.3	2.6	4.2	3.1	5.3
Black	3.5 ^{*♦}	6.7	5.6 ^{*♦}	7.9	2.2 ^{*♦}	7.9	4.5 ^{*♦}	9.0	4.3 ^{*♦}	11.1
Hispanic	7.1 ^{*♦}	11.9	5.0 ^{*♦}	7.1	2.6 ^{*♦}	5.0	2.3 ^{*♦}	6.1	2.9 ^{*♦}	4.1
Asian	4.4 ^{*♦}	12.2	1.0 ^{*♦}	5.8	1.4 ^{*♦}	...	1.3 ^{*♦}	5.1	1.3 ^{*♦}	16.4
Other	...	...	6.5 ^{*♦}	18.4	2.3 ^{*♦}	23.0	2.1 ^{*♦}	10.1	2.0 ^{*♦}	19.0
Unknown	2.5 ^{*♦}	...	6.7 ^{*♦}	...	1.9 ^{*♦}	...	1.8 ^{*♦}	...	2.4 ^{*♦}	...
Missing	2.4 [*]	...	3.0 [*]	...	3.0 ^{*♦}	...	2.0 ^{*♦}	...	1.8 ^{*♦}	...
Region										
Northeast	2.6 [♦]	6.8	2.4 [♦]	3.8	2.3 [♦]	4.4	1.9 [♦]	6.1	1.8 [♦]	4.4
South	5.3 [*]	8.5	6.0 [*]	10.0	4.2 [*]	6.8	3.9 [*]	5.8	4.3 [*]	8.3
▶ Midwest	1.9 [♦]	2.9	1.9 [♦]	2.1	1.6 [♦]	2.1	1.6 [♦]	2.2	1.9 [♦]	3.3
West	2.2 ^{*♦}	11.6	1.3 ^{*♦}	4.3	0.6 ^{*♦}	4.4	0.7 ^{*♦}	1.6	1.1 ^{*♦}	1.1

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-38. Nationally representative ambulatory surgery center visits for prostatitis listed as primary diagnosis, count, rate^a

	Count	Rate
Total	5,589	5.3
Age		
40-44	1,042	9.4
45-54	154	0.7
55-64	3,599	24.2
▶ 65-74	479	5.6
75-84	315	5.9 [*]

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

^aRate per 100,000 individuals in the same demographic stratum is based on 2006 population estimates from Current Population Survey (CPS).

SOURCE: National Survey of Ambulatory Surgery, 2006.

Table 1-39. Physician office visits by Medicare beneficiaries for prostatitis listed as any diagnosis, rate,^a age-adjusted rate^b

	2002 (N=447,980)		2003 (N=451,500)		2004 (N=444,920)		2005 (N=423,900)		2006 (N=417,260)		2007 (N=374,580)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	2,869	3,408	2,809	3,339	2,716	3,276	2,570	3,087	2,569	3,097	2,305	2,801
Under 65/65+												
< 65 Years	1,325*	1,325	1,303*	1,303	1,177*	1,177	1,178*	1,178	1,165*	1,165	1,031*	1,031
▶ 65+ Years	3,378	3,408	3,314	3,339	3,243	3,276	3,062	3,087	3,070	3,097	2,776	2,801
Age												
▶ 65-69	3,252		3,199		3,098		2,922		2,780		2,511	
70-74	3,583*		3,551*		3,361*		3,182*		3,327*		3,035*	
75-79	3,641*		3,564*		3,522*		3,467*		3,466*		3,128*	
80-84	3,300*		3,246*		3,317*		2,969*		3,124*		2,793*	
85-89	3,095*		2,844*		3,013*		2,675*		2,650*		2,418*	
90-94	2,100*		2,254*		2,193*		2,547*		2,508*		2,423*	
95-97	1,778*		1,661*		2,122*		1,282*♦		1,483*		1,772*	
98+	442.1*♦		566.7*♦		471.9*♦		379.3*♦		658.7*♦		80.8*♦	
Race/ethnicity												
▶ White	2,902	3,383	2,853	3,322	2,745	3,252	2,602	3,058	2,637	3,103	2,359	2,809
Black	2,295*	3,230	2,256*	3,204	2,288*	3,226	2,064*	2,927	1,890*	2,742	1,748*	2,472
Hispanic	3,037*	3,561	2,683*	3,049	2,781*	3,435	3,002*	3,639	2,933*	3,763	2,564*	3,277
Asian	2,389*	2,452	2,223*	2,294	2,443*	2,647	2,543*	2,873	2,287*	2,662	2,281*	2,402
Other	3,822*	5,038	3,668*	5,050	3,221*	4,080	2,879*	3,980	2,637*	3,379	2,250*	2,949
Unknown	10,570*	...	9,535*	...	8,400*	...	7,482*	...	5,468*	...	5,872*	...
Region												
▶ Northeast	2,504	2,989	2,379	2,863	2,408	2,958	2,316	2,832	2,287	2,796	2,084	2,571
South	3,635*	4,352	3,572*	4,246	3,362*	4,082	3,212*	3,861	3,240*	3,903	2,887*	3,501
Midwest	1,982*	2,306	2,003*	2,347	1,952*	2,307	1,780*	2,115	1,795*	2,155	1,598*	1,900
West	2,839*	3,459	2,726*	3,363	2,690*	3,285	2,536*	3,106	2,471*	3,052	2,231*	2,816

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-40. Physician office visits by privately insured individuals for prostatitis listed as any diagnosis, rate,^a age-adjusted rate^b

	2002 (N=63,867)		2003 (N=65,639)		2004 (N=64,176)		2005 (N=65,069)		2006 (N=61,578)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	1,491	2,289	1,370	2,188	1,312	2,071	1,252	1,925	1,209	1,952
Age										
18-24	271.1*		213.7*		196.7*		204.3*		195.0*	
25-34	786.3*		702.4*		647.8*		601.0*		583.0*	
35-39	1,203*		1,059*		996.3*		914.5*		907.2*	
40-44	1,500*		1,302*		1,222*		1,178*		1,176*	
45-54	1,962*		1,805*		1,719*		1,589*		1,572*	
55-64	3,048		2,751*		2,647*		2,548		2,429*	
▶ 65-74	2,978		3,127		2,899		2,588		2,748	
75-84	2,115*		2,743*		2,546*		2,213*		2,673*	
85+	...		1,335*		1,330*		1,389*		1,295*	
Race/ethnicity										
▶ White	1,708	2,463	1,568	2,383	1,351	2,089	1,286	1,937	1,261	2,004
Black	1,743*	2,396	1,608*	2,306	1,238*	1,899	1,232*	1,849	1,132*	1,841
Hispanic	1,832*	3,019	1,656*	3,098	1,325*	2,508	1,202*	2,128	1,160*	1,979
Asian	1,154*	2,312	1,157*	2,325	1,116*	1,977	912.1*	1,695	922.3*	1,639
Other	1,912*	2,862	1,745*	2,976	1,523*	2,664	1,399*	2,265	1,462*	2,298
Unknown	1,541*	...	1,457*	...	1,230*	...	1,220*	...	1,170*	...
Missing	1,295*	...	1,064*	...	1,216*	...	1,200*	...	1,058*	...
Region										
Northeast	1,543*	2,165	1,393*	2,012	1,374*	2,021	1,286*	1,876	1,249*	1,888
South	1,843*	2,810	1,682*	2,679	1,574*	2,491	1,493*	2,309	1,424*	2,326
▶ Midwest	1,143	1,783	1,038	1,671	998.5	1,582	957.6	1,455	937.0	1,488
West	1,202*	2,061	1,134*	2,095	1,118*	1,984	1,105*	1,858	1,064*	1,812

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-41. Nationally representative physician office visits for prostatitis listed as any diagnosis, 2002-2007 (merged), 6-year count

	6-Year Count
Total	4,982,822
Age	
40-44	371,344
45-54	1,469,506
55-64	1,678,055
65-74	883,208
75-84	473,312
85+	107,397
Race/ethnicity	
White	4,526,015
Black	321,301
Hispanic	135,506
Region	
Northeast	759,540
South	2,658,680
Midwest	673,622
West	890,980

SOURCE: National Ambulatory Medical Care Survey, 2002-2007; National Hospital Ambulatory Medical Care Survey, 2002-2007.

Table 1-42. Emergency room visits by Medicare beneficiaries for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=6,300)		2003 (N=5,840)		2004 (N=5,420)		2005 (N=5,780)		2006 (N=5,520)		2007 (N=5,940)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	40.3	35.0	36.3	32.8	33.1	29.8	35.0	31.8	34.0	34.7	36.6	32.7
Under 65/65+												
< 65 Years	55.8*	55.8	48.0*	48.0	44.1*	44.1	44.6*	44.6	33.2	33.2	47.0*	47.0
▶ 65+ Years	35.3	35.0	32.4	32.8	29.3	29.8	31.7	31.8	34.2	34.7	32.7	32.7
Age												
▶ 65-69	37.0		30.9		29.5		28.7		30.2		35.0	
70-74	41.0*		30.5*		26.1*		42.9*		30.6*		31.0*	
75-79	33.5*		35.3*		32.9*		28.8*		40.5*		28.7*	
80-84	27.0*♦		27.2*♦		30.2*♦		28.6*♦		47.1*		33.2*♦	
85-89	27.3*♦		50.0*♦		33.0*♦		25.3*♦		27.2*♦		38.1*♦	
90-94	34.3*♦		40.7*♦		7.8*♦		22.7*♦		22.5*♦		29.4*♦	
95-97	53.9*♦		...		101.1*♦		...		47.8*♦		46.6*♦	
98+	...		...		...		...		...		40.4*♦	
Race/ethnicity												
▶ White	34.0	30.3	34.0	32.4	30.0	27.8	32.9	29.8	33.1	34.4	35.1	31.7
Black	96.8*	86.9	54.0*	38.3	52.7*	42.6	56.2*	48.0	47.0*	39.8	51.2*	56.0
Hispanic	32.3*♦	38.8	43.5*♦	78.0	30.1*♦	71.2	52.6*♦	138.4	53.9*♦	109.4	41.1*♦	39.8
Asian	18.8*♦	41.5	...	...	33.4*♦	68.9	31.4*♦	41.1	7.8*♦	41.6	7.4*♦	29.3
Other	42.9*♦	75.7	65.0*♦	45.9	49.5*♦	61.0	11.6*♦	32.8	11.3*♦	9.3	48.3*♦	24.4
Unknown	228.1*♦	...	80.1*♦	...	292.2*♦	...	...	...	...	...	...	...
Region												
▶ Northeast	19.3*♦	15.1	18.3*♦	17.7	27.8	25.7	25.8	24.3	15.8*♦	16.4	28.3	21.4
South	60.8*	47.9	48.7*	41.9	46.1*	38.5	49.5*	43.7	47.0*	44.9	49.2*	46.2
Midwest	32.7*	36.1	36.0*	33.9	25.7*	24.0	28.1*	26.2	31.1*	34.0	31.6*	30.3
West	28.8*	27.2	28.9*	30.6	20.3*♦	24.3	23.1*	25.2	28.9*	33.3	24.9*	20.4

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group (p<.05).

♦Rate based on a count less than 600, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.

^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: Centers for Medicare and Medicaid Services, 5% Standard Analytical Claims Files.

Table 1-43. Emergency room visits by privately insured individuals for prostatitis listed as primary diagnosis, rate,^a age-adjusted rate^b

	2002 (N=568)		2003 (N=653)		2004 (N=434)		2005 (N=333)		2006 (N=238)	
	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate	Rate	Age-Adjusted Rate
Total	13.3	14.9	13.6	19.3	8.9	13.9	6.4	11.0	4.7	6.6
Age										
18-24	7.8*		4.5**		2.4**		1.3**		1.8**	
25-34	12.3		9.3*		4.5*		2.7*		1.9**	
35-39	14.8		11.7*		7.4*		4.2**		4.2**	
40-44	11.4		12.2*		8.7*		3.8**		5.3	
45-54	14.5		15.7*		9.4*		7.4*		4.5*	
55-64	18.2		27.3		18.8		13.1*		11.6	
▶ 65-74	14.9*		22.2		20.0		21.7		8.0*	
75-84	15.6**		22.1**		21.3**		17.0**		1.8*	
85+	...		22.9**		4.3**		13.1**		...	
Race/ethnicity										
▶ White	10.4	11.3	10.8	15.5	7.2	11.1	4.7	8.3	2.8	4.1
Black	20.0**	61.3	20.0**	21.3	9.8**	14.5	5.6**	10.1	4.8**	8.2
Hispanic	30.2*	17.2	41.0*	67.5	17.9*	37.4	11.1*	22.8	10.4*	19.5
Asian	...	...	2.0**	8.0	...	...	2.6**	8.6	0.6**	...
Other	23.4**	185.1	13.0**	60.5	2.3**	...	10.5**	40.3	...	...
Unknown	15.4**	...	10.7**	...	5.5**	...	2.7**	...	1.8**	...
Missing	13.9*	...	13.7*	...	14.5*	...	15.4*	...	13.5*	...
Region										
Northeast	5.9**	10.0	5.6*	4.6	2.5**	6.4	2.3**	5.7	1.3**	1.9
South	14.8	15.3	19.4*	28.5	13.5*	21.3	9.3*	16.4	7.4*	11.0
▶ Midwest	15.1	19.9	12.0	17.7	8.0	11.3	6.5	10.4	3.8	5.0
West	9.5*	4.4	5.3*	3.2	0.9**	2.1	0.5**	1.1	0.9**	2.2

... Data unavailable.

▶ Denotes reference group.

*Statistically different from reference group ($p < .05$).

**Rate based on a count less than 30, should be interpreted with caution.

^aRate per 100,000 based on enrollment in calendar years for individuals in the same demographic stratum.^bRate per 100,000 age-adjusted to the 2005 US standard population (US Population Estimates from Current Population Survey).

SOURCE: i3 Claims Database, 2002-2006.

Table 1-44. Medication use associated with visits for prostatitis listed as any diagnosis, 2002-2007 (merged), 6-year count,^a 6-year rate,^b annualized rate,^c rate per visit^d

	6-Year Count	6-Year Rate	Annualized Rate	Rate Per Visit
Chronic or Infectious prostatitis				
Total	5,680,417	5,423	904.0	100,000
Quinolones ordered/provided at visit	1,946,278	1,858	310.0	34,263
TMP-SMX/Sulfa medications ordered/provided at visit	498,910	476.0	79.0	8,783
BPH medications ordered/provided at visit	456,104	436.0	73.0	8,029
Chronic prostatitis				
Total	5,199,515	4,964	827.0	100,000
Quinolones ordered/provided at visit	1,758,145	1,679	280.0	33,814
TMP-SMX/Sulfa medications ordered/provided at visit	433,404	414.0	69.0	8,335

TMP-SMX/Sulfa: Trimethoprim/sulfamethoxazole.

BPH: Benign prostatic hyperplasia.

^aCounts may not sum to total due to rounding.

^bRate per 100,000 is based on 2002-2007 population estimates from Public Use Microdata Sample (PUMS) files from the American Community Survey, for relevant demographic categories of US adult male civilian non-institutionalized population.

^cBased on averages calculated using the 6-year rate.

^dRate per 100,000 adult male visits is based on 2002-2007 estimated number of visits for prostatitis in National Ambulatory Medical Care Survey.

SOURCE: National Ambulatory Medical Care Survey, 2002-2007.

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