

Table 10 - Imaging Procedures among Medicare Beneficiaries for Treatment of Urolithiasis, 2002 - 2006

	2002		2003		2004		2005		2006	
	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients
<b>Total</b>	444,000	97,974	492,900	101,503	544,220	102,567	589,940	104,119	606,720	103,727
<b>Intravenous Pyelogram</b>	43,840	9,674	38,200	7,867	33,220	6,261	26,280	4,638	19,960	3,412
Inpatient	3,980	878	3,080	634	2,600	490	2,040	360	1,520	260
Emergency Room	4,220	931	2,780	573	1,720	324	940	166	540	92
Physician Office	14,480	3,195	13,500	2,780	12,280	2,314	10,120	1,786	7,540	1,289
Other Outpatient	21,160	4,669	18,840	3,880	16,620	3,132	13,180	2,326	10,360	1,771
<b>Plain Film/KUB</b>	197,280	43,532	207,060	42,640	222,320	41,900	230,440	40,671	224,880	38,446
Inpatient	12,840	2,833	13,120	2,702	12,080	2,277	12,520	2,210	11,380	1,946
Emergency Room	11,400	2,516	13,200	2,718	11,900	2,243	13,100	2,312	10,680	1,826
Physician Office	78,260	17,269	81,660	16,816	89,420	16,853	93,060	16,424	92,480	15,811
Other Outpatient	94,780	20,914	99,080	20,404	108,920	20,528	111,760	19,725	110,340	18,864
<b>Ultrasound Renal</b>	79,780	17,605	85,700	17,648	89,500	16,868	95,760	16,901	94,520	16,160
Inpatient	11,760	2,595	12,320	2,537	12,720	2,397	13,780	2,432	13,200	2,257
Emergency Room	1,240	274	1,180	243	1,080	204	1,160	205	1,060	181
Physician Office	44,500	9,820	48,860	10,062	51,420	9,691	56,820	10,028	56,940	9,735
Other Outpatient	22,280	4,916	23,340	4,806	24,280	4,576	24,000	4,236	23,320	3,987
<b>Magnetic Resonance Imaging Abdomen</b>	640	141	940	194	1,020	192	1,100	194	1,140	195
Inpatient	100	22	220	45	200	38	160	28	280	48
Emergency Room	0	0	0	0	0	0	0	0	20	3
Physician Office	200	44	240	49	260	49	340	60	380	65
Other Outpatient	340	75	480	99	560	106	600	106	460	79

SOURCE: Centers for Medicare and Medicaid Services, 5% Carrier and Outpatient Files, 2002-2011

NOTE: X represents all adult Medicare beneficiaries with a diagnosis of urolithiasis.

NOTE: Unweighted counts have been multiplied by 20 to arrive at the number of counts.

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

NOTE: Rate per 100,000 adult Medicare beneficiaries with a diagnosis of urolithiasis.

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<b>CT abdominal/pelvis with contrast</b>	17,100	3,773	20,440	4,209	25,040	4,719	31,640	5,584	35,920	6,141
Inpatient	3,960	874	4,800	989	5,460	1,029	6,900	1,218	7,720	1,320
Emergency Room	3,140	693	3,440	708	4,840	912	6,520	1,151	7,840	1,340
Physician Office	2,120	468	2,760	568	3,340	630	4,140	731	4,980	851
Other Outpatient	7,880	1,739	9,440	1,944	11,400	2,149	14,080	2,485	15,380	2,629
<b>CT abdominal/pelvis without contrast</b>	84,780	18,708	112,540	23,176	137,480	25,910	159,600	28,168	179,420	30,674
Inpatient	14,680	3,239	19,160	3,946	20,920	3,943	25,140	4,437	29,020	4,961
Emergency Room	29,560	6,523	36,920	7,603	45,180	8,515	52,200	9,213	55,580	9,502
Physician Office	15,180	3,350	21,740	4,477	27,960	5,270	33,780	5,962	41,080	7,023
Other Outpatient	25,360	5,596	34,720	7,150	43,420	8,183	48,480	8,556	53,740	9,188
<b>CT abdominal/pelvis with and without contrast</b>	20,580	4,541	28,020	5,770	35,640	6,717	45,120	7,963	50,880	8,699
Inpatient	2,580	569	2,920	601	3,860	728	4,620	815	4,560	780
Emergency Room	1,000	221	1,720	354	2,540	479	2,620	462	3,380	578
Physician Office	5,160	1,139	7,500	1,545	9,060	1,708	13,800	2,436	16,560	2,831
Other Outpatient	11,840	2,613	15,880	3,270	20,180	3,803	24,080	4,250	26,380	4,510
<b>All Imaging</b>	444,000	97,974	492,900	101,503	544,220	102,567	589,940	104,119	606,720	103,727
Inpatient	49,900	11,011	55,620	11,454	57,840	10,901	65,160	11,500	67,680	11,571
Emergency Room	50,560	11,157	59,240	12,199	67,260	12,676	76,540	13,509	79,100	13,523

SOURCE: Centers for Medicare and Medicaid Services, 5% Carrier and Outpatient Files, 2002-2011

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Table 10 - Imaging Procedures among Medicare Beneficiaries for Treatment of Urolithiasis, 2006 - 2011

	2007		2008		2009		2010		2011	
	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients	Count of X	Rate per 100,000 Patients
<b>Total</b>	592,100	102,196	636,280	103,805	665,660	103,008	704,080	103,371	741,960	102,807
<b>Intravenous Pyelogram</b>	13,560	2,340	10,980	1,791	9,260	1,433	8,240	1,210	7,780	1,078
Inpatient	1,140	197	1,000	163	1,060	164	740	109	1,160	161
Emergency Room	300	52	280	46	300	46	180	26	200	28
Physician Office	5,000	863	4,600	751	3,620	560	3,440	505	2,620	363
Other Outpatient	7,120	1,229	5,100	832	4,280	662	3,880	570	3,800	527
<b>Plain Film/KUB</b>	208,340	35,959	224,060	36,554	226,360	35,028	245,200	36,000	253,300	35,098
Inpatient	10,500	1,812	11,260	1,837	9,380	1,452	10,900	1,600	10,840	1,502
Emergency Room	9,300	1,605	10,340	1,687	10,380	1,606	10,160	1,492	10,740	1,488
Physician Office	87,040	15,023	95,460	15,574	96,620	14,952	103,900	15,254	110,440	15,303
Other Outpatient	101,500	17,519	107,000	17,456	109,980	17,019	120,240	17,653	121,280	16,805
<b>Ultrasound Renal</b>	89,340	15,420	98,760	16,112	105,460	16,320	115,220	16,916	124,320	17,226
Inpatient	13,320	2,299	13,600	2,219	13,240	2,049	14,520	2,132	15,940	2,209
Emergency Room	1,180	204	1,160	189	1,580	245	1,860	273	1,900	263
Physician Office	51,740	8,930	60,400	9,854	63,780	9,870	67,960	9,978	72,640	10,065
Other Outpatient	23,100	3,987	23,600	3,850	26,860	4,157	30,880	4,534	33,840	4,689

SOURCE: Centers for Medicare and Medicaid Services, 5% Carrier and Outpatient Files, 2002-2011

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<b>Magnetic Resonance Imaging Abdomen</b>	1,360	235	860	140	1,000	155	1,180	173	1,400	194
Inpatient	200	35	160	26	280	43	140	21	280	39
Emergency Room	20	4	0	0	60	9	60	9	20	3
Physician Office	400	69	240	39	260	40	380	56	360	50
Other Outpatient	740	128	460	75	400	62	600	88	740	103
<b>CT abdominal/pelvis with contrast</b>	37,780	6,521	42,540	6,940	48,220	7,462	53,140	7,802	60,320	8,358
Inpatient	8,500	1,467	10,080	1,645	9,960	1,541	10,920	1,603	11,820	1,638
Emergency Room	8,660	1,495	10,180	1,661	11,180	1,730	13,540	1,988	16,840	2,333
Physician Office	4,960	856	5,700	930	6,500	1,006	7,020	1,031	7,980	1,106
Other Outpatient	15,660	2,703	16,580	2,705	20,580	3,185	21,660	3,180	23,680	3,281
<b>CT abdominal/pelvis without contrast</b>	190,180	32,825	203,560	33,209	217,980	33,732	225,660	33,131	239,400	33,172
Inpatient	30,660	5,292	34,280	5,593	35,660	5,518	39,040	5,732	43,220	5,989
Emergency Room	57,220	9,876	63,740	10,399	69,600	10,770	75,600	11,099	82,900	11,487
Physician Office	46,400	8,009	50,640	8,262	53,340	8,254	52,260	7,673	52,780	7,313
Other Outpatient	55,900	9,648	54,900	8,957	59,380	9,189	58,760	8,627	60,500	8,383
<b>CT abdominal/pelvis with and without contrast</b>	51,540	8,896	55,520	9,058	57,380	8,879	55,440	8,140	55,440	7,682
Inpatient	4,600	794	4,900	799	4,060	628	3,920	576	3,440	477
Emergency Room	3,320	573	3,320	542	3,420	529	2,820	414	2,600	360
Physician Office	17,880	3,086	19,540	3,188	20,420	3,160	20,700	3,039	20,440	2,832
Other Outpatient	25,740	4,443	27,760	4,529	29,480	4,562	28,000	4,111	28,960	4,013
<b>All Imaging</b>	592,100	102,196	636,280	103,805	665,660	103,008	704,080	103,371	741,960	102,807
Inpatient	68,920	11,896	75,280	12,281	73,640	11,396	80,180	11,772	86,700	12,013
Emergency Room	80,000	13,808	89,020	14,523	96,520	14,936	104,220	15,301	115,200	15,962
Physician Office	213,420	36,836	236,580	38,596	244,540	37,842	255,660	37,535	267,260	37,032
Other Outpatient	229,760	39,656	235,400	38,404	250,960	38,835	264,020	38,763	272,800	37,800

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