

**Table 29**  
**Discharges, Total Days of Care, and Average Charge per Discharge for Medicare Beneficiaries**  
**Discharged from Short-Stay Hospitals, by Leading Diagnosis Related Groups (DRGs) for 2000:**  
**Calendar Years 1984, 1990, and 2000**

Leading DRG Code Number in 2000	Description	Discharges			Discharges		
		Number			Percent Change 1984-1990	Percent Change 1990-2000	Percent Change 1984-2000
		1984	1990	2000			
Total All DRSs	-----	10,894,925	10,521,925	11,719,955	-3.4	11.4	7.6
Leading DRGs <sup>1</sup>	-----	6,390,350	6,955,555	8,659,895	8.8	24.5	35.5
005 <sup>2</sup>	Extracranial Vascular Procedures	56,890	46,340	91,635	-18.5	97.7	61.1
012	Degenerative Nervous System Disorders	56,410	25,915	67,780	-54.1	161.5	20.2
014	Specific Cerebrovascular Disorders						
	Except TIA	318,405	336,080	321,125	5.6	-4.4	0.9
015	Transient Ischemic Attack & Precerebral Occlusions	175,530	135,850	148,085	-22.6	9.0	-15.6
024	Seizure & Headache Age >17 with CC	55,510	53,255	54,685	-4.1	2.7	-1.5
075 <sup>2</sup>	Major Chest Procedures	28,675	31,690	39,655	10.5	25.1	38.3
076 <sup>2</sup>	Other Respiratory System O.R. Procedures with CC	10,055	38,855	39,715	286.4	2.2	295.0
079	Respiratory Infections & Inflammations						
	Age >17 with CC	51,635	129,780	169,375	151.3	30.5	228.0
082	Respiratory Neoplasms	120,990	72,840	61,555	-39.8	-15.5	-49.1
087	Pulmonary Edema & Respiratory Failure	94,770	67,520	58,930	-28.8	-12.7	-37.8
088	Chronic Obstructive Pulmonary Disease	212,480	144,825	389,170	-31.8	168.7	83.2
089	Simple Pneumonia & Pleurisy Age >17 with CC	314,980	391,725	512,000	24.4	30.7	62.6
090	Simple Pneumonia & Pleurisy Age >17 without CC	24,740	53,105	49,055	114.7	-7.6	98.3
096	Bronchitis & Asthma Age >17 with CC	178,075	189,710	57,655	6.5	-69.6	-67.6
107 <sup>2,3</sup>	Coronary Bypass Without Cardiac Cath	38,285	46,765	-----	22.1	-----	-----
107 <sup>2,4</sup>	Coronary Bypass With Cardiac Cath	-----	-----	88,480	-----	-----	-----
109 <sup>2,4</sup>	Coronary Bypass Without Cardiac Cath	-----	-----	60,560	-----	-----	-----
110 <sup>2</sup>	Major Cardiovascular Procedures with CC	56,230	75,660	53,155	34.6	-29.7	-5.5
112 <sup>2</sup>	Percutaneous Cardiovascular Procedures	37,355	163,040	55,870	336.5	-65.7	49.6
113 <sup>2</sup>	Amputation for Circ System Disorders						
	Except Upper Limb & Toe	22,500	34,710	41,765	54.3	20.3	85.6
116 <sup>2</sup>	Other Perm Cardiac Pacemaker Implant or PTCA with Coronary Stent Implant	53,905	62,050	339,790	15.1	447.6	530.3
121	Circulatory Disorders with AMI & CV Comp Disch Alive	102,930	137,625	165,090	33.7	20.0	60.4
122	Circulatory Disorders with AMI & Without CV Comp Disch Alive	158,400	102,935	79,715	-35.0	-22.6	-49.7
123	Circulatory Disorders with AMI, Expired	70,440	56,025	41,215	-20.5	-26.4	-41.5
124	Circulatory Disorders Except AMI, with Card Cath and Complex Diagnosis	31,120	113,890	133,655	266.0	17.4	329.5
125	Circulatory Disorders Except AMI, with Card Cath Without Complex Diagnosis	64,085	93,045	82,685	45.2	-11.1	29.0

See footnotes at end of table.

Table 29—Continued

**Discharges, Total Days of Care, and Average Charge per Discharge for Medicare Beneficiaries  
Discharged from Short-Stay Hospitals, by Leading Diagnosis Related Groups (DRGs) for 2000:  
Calendar Years 1984, 1990, and 2000**

Average Total Days of Care per Discharge						Average Charge Per Discharge					
Number of Days			Percent Change	Percent Change	Percent Change	Amount			Percent Change	Percent Change	Percent Change
1984	1990	2000	1984-1990	1990-2000	1984-2000	1984	1990	2000	1984-1990	1990-2000	1984-2000
8.8	8.8	6.0	0.0	-31.8	-31.8	\$4,855	\$9,765	\$16,693	101.1	70.9	243.8
9.3	9.0	6.1	-3.2	-32.2	-34.4	5,039	9,531	16,547	89.1	73.6	228.4
9.5	7.1	3.1	-25.3	-56.3	-67.4	7,078	11,238	15,673	58.8	39.5	121.4
13.0	13.0	8.1	0.0	-37.7	-37.7	5,239	9,022	11,911	72.2	32.0	127.4
12.4	10.5	5.9	-15.3	-43.8	-52.4	5,591	8,971	13,621	60.5	51.8	143.6
6.1	5.5	3.5	-9.8	-36.4	-42.6	2,603	4,609	8,435	77.1	83.0	224.0
6.9	7.7	5.0	11.6	-35.1	-27.5	3,422	7,389	11,912	115.9	61.2	248.1
16.3	14.1	10.1	-13.5	-28.4	-38.0	13,500	22,075	36,830	63.5	66.8	172.8
15.4	15.0	11.4	-2.6	-24.0	-26.0	12,061	17,221	34,348	42.8	99.5	184.8
12.8	12.2	8.5	-4.7	-30.3	-33.6	8,385	12,281	18,690	46.5	52.2	122.9
9.7	9.6	7.0	-1.0	-27.1	-27.8	4,860	8,785	16,119	80.8	83.5	231.7
10.0	8.3	6.4	-17.0	-22.9	-36.0	7,731	9,294	15,351	20.2	65.2	98.6
8.6	7.4	5.1	-14.0	-31.1	-40.7	4,709	6,932	10,152	47.2	46.5	115.6
9.4	8.9	6.0	-5.3	-32.6	-36.2	4,863	7,889	11,828	62.2	49.9	143.2
8.3	6.4	4.1	-22.9	-35.9	-50.6	4,084	4,817	7,088	17.9	47.1	73.6
7.2	7.3	4.7	1.4	-35.6	-34.7	3,501	6,361	8,455	81.7	32.9	141.5
14.5	12.3	-----	-15.2	-----	-----	21,949	33,394	-----	52.1	-----	-----
-----	-----	10.3	-----	-----	-----	-----	-----	62,274	-----	-----	-----
-----	-----	7.7	-----	-----	-----	-----	-----	46,857	-----	-----	-----
16.3	15.3	9.2	-6.1	-39.9	-43.6	15,072	27,264	49,411	80.9	81.2	227.8
12.2	6.9	3.7	-43.4	-46.4	-69.7	9,590	14,142	21,960	47.5	55.3	129.0
20.0	18.5	12.1	-7.5	-34.6	-39.5	10,025	18,614	31,858	85.7	71.2	217.8
9.2	7.5	3.6	-18.5	-52.0	-60.9	12,002	17,112	27,074	42.6	58.2	125.6
12.2	10.0	6.4	-18.0	-36.0	-47.5	7,341	11,335	17,672	54.4	55.9	140.7
10.3	7.1	3.7	-31.1	-47.9	-64.1	5,422	7,970	11,501	47.0	44.3	112.1
5.6	5.7	4.6	1.8	-19.3	-17.9	5,741	10,060	17,726	75.2	76.2	208.8
7.0	5.9	4.3	-15.7	-27.1	-38.6	5,703	8,719	16,229	52.9	86.1	184.6
3.7	3.2	2.8	-13.5	-12.5	-24.3	3,220	5,370	12,393	66.8	130.8	284.9

Table 29—Continued

**Discharges, Total Days of Care, and Average Charge per Discharge for Medicare Beneficiaries  
Discharged from Short-Stay Hospitals, by Leading Diagnosis Related Groups (DRGs) for 2000:  
Calendar Years 1984, 1990, and 2000**

Leading DRG Code Number in 2000	Description	Discharges			Discharges		
		Number			Percent Change 1984-1990	Percent Change 1990-2000	Percent Change 1984-2000
		1984	1990	2000			
127	Heart Failure & Shock	515,865	586,335	679,965	13.7	16.0	31.8
130	Peripheral Vascular Disorders with CC	91,655	68,330	87,640	-25.4	28.3	-4.4
132	Atherosclerosis with CC	100,810	18,250	150,180	-81.9	722.9	49.0
138	Cardiac Arrhythmia & Conduction Disorders with CC	212,265	180,470	199,350	-15.0	10.5	-6.1
139	Cardiac Arrhythmia & Conduction Disorders Without CC	28,345	73,020	84,950	157.6	16.3	199.7
140	Angina Pectoris	330,000	352,355	70,175	6.8	-80.1	-78.7
141	Syncope & Collapse with CC	86,675	77,205	93,795	-10.9	21.5	8.2
142	Syncope & Collapse Without CC	11,315	39,370	47,660	247.9	21.1	321.2
143	Chest Pain	75,690	112,905	216,465	49.2	91.7	186.0
144	Other Circulatory System Diagnoses with CC	40,825	54,995	84,025	34.7	52.8	105.8
148 <sup>2</sup>	Major Small & Large Bowel Procedures with CC	106,455	140,245	128,830	31.7	-8.1	21.0
174	GI Hemorrhage with CC	144,620	157,895	241,850	9.2	53.2	67.2
180	GI Obstruction with CC	65,930	66,485	87,270	0.8	31.3	32.4
182	Esophagitis, Gastroent & Misc Digest Disorders Age >17 with CC	372,580	254,750	247,455	-31.6	-2.9	-33.6
183	Esophagitis, Gastroent & Misc Digest Disorders Age >17 Without CC	72,525	81,770	85,680	12.7	4.8	18.1
188	Other Digestive System Diagnoses Age >17 with CC	54,075	50,110	76,455	-7.3	52.6	41.4
204	Disorders of Pancreas Except Malignancy	31,890	37,715	58,380	18.3	54.8	83.1
209 <sup>2</sup>	Major Joint & Limb Reattachment Procedures of Lower Extremity	149,660	257,780	346,845	72.2	34.6	131.8
210 <sup>2</sup>	Hip & Femur Procedures Except Major Joint Age >17 with CC	120,100	112,470	120,585	-6.4	7.2	0.4

See footnotes at end of table.

Table 29—Continued

**Discharges, Total Days of Care, and Average Charge per Discharge for Medicare Beneficiaries  
Discharged from Short-Stay Hospitals, by Leading Diagnosis Related Groups (DRGs) for 2000:  
Calendar Years 1984, 1990, and 2000**

Average Total Days of Care per Discharge						Average Charge Per Discharge					
Number of Days			Percent Change 1984-1990	Percent Change 1990-2000	Percent Change 1984-2000	Amount			Percent Change 1984-1990	Percent Change 1990-2000	Percent Change 1984-2000
1984	1990	2000				1984	1990	2000			
8.7	7.9	5.3	-9.2	-32.9	-39.1	\$4,264	\$7,207	\$11,485	69.0	59.4	169.3
8.1	8.3	5.7	2.5	-31.3	-29.6	3,523	6,627	11,012	88.1	66.2	212.6
7.0	6.1	3.0	-12.9	-50.8	-57.1	3323	6229	7,403	87.5	18.8	122.8
6.3	6.0	4.0	-4.8	-33.3	-36.5	3,376	5,848	9,375	73.2	60.3	177.7
4.9	3.9	2.5	-20.4	-35.9	-49.0	2,685	3,624	5,793	35.0	59.9	115.8
5.6	4.6	2.6	-17.9	-43.5	-53.6	2,821	4,311	5,922	52.8	37.4	109.9
5.8	5.7	3.6	-1.7	-36.8	-37.9	2,672	4,987	8,563	86.6	71.7	220.5
4.5	4.0	2.6	-11.1	-35.0	-42.2	2,207	3,554	6,500	61.0	82.9	194.5
4.4	3.4	2.1	-22.7	-38.2	-52.3	2,427	3,577	6,152	47.4	72.0	153.5
8.3	7.3	5.4	-12.0	-26.0	-34.9	4,765	7,867	14,045	65.1	78.5	194.8
17.7	16.6	12.2	-6.2	-26.5	-31.1	12,686	23,471	39,675	85.0	69.0	212.7
7.4	7.0	4.8	-5.4	-31.4	-35.1	3,860	6,944	11,345	79.9	63.4	193.9
7.4	7.8	5.3	5.4	-32.1	-28.4	3,281	6,632	10,676	102.1	61.0	225.4
6.1	6.4	4.4	4.9	-31.3	-27.9	2,526	5,374	8,968	112.7	66.9	255.0
5.0	4.9	2.9	-2.0	-40.8	-42.0	2,103	3,630	6,350	72.6	74.9	201.9
6.4	7.5	5.6	17.2	-25.3	-12.5	3,100	7,392	13,144	138.5	77.8	324.0
8.1	8.1	5.7	0.0	-29.6	-29.6	4,050	8,099	13,399	100.0	65.4	230.8
15.6	11.1	5.1	-28.8	-54.1	-67.3	10,205	16,542	23,195	62.1	40.2	127.3
16.8	13.9	6.8	-17.3	-51.1	-59.5	8,600	14,236	20,463	65.5	43.7	137.9

Table 29—Continued

**Discharges, Total Days of Care, and Average Charge per Discharge for Medicare Beneficiaries  
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Leading DRG Code Number in 2000	Description	Discharges			Discharges		
		1984	Number		Percent Change 1984-1990	Percent Change 1990-2000	Percent Change 1984-2000
			1990	2000			
236	Fractures of Hip & Pelvis	47,350	41,255	39,410	-12.9	-4.5	-16.8
239	Pathological Fractures & Musculoskeletal & Conn Tiss Malignancy	61,760	60,890	48,535	-1.4	-20.3	-21.4
243	Medical Back Problems	200,190	112,455	89,700	-43.8	-20.2	-55.2
277	Cellulitis Age >17 with CC	58,155	66,830	89,010	14.9	33.2	53.1
294	Diabetes Age >35	141,500	92,520	89,420	-34.6	-3.4	-36.8
296	Nutritional & Misc Metabolic Disorders Age >17 with CC	176,150	206,595	240,255	17.3	16.3	36.4
297	Nutritional & Misc Metabolic Disorders Age >17 without CC	13,910	47,395	45,030	240.7	-5.0	223.7
316	Renal Failure	46,410	48,670	108,545	4.9	123.0	133.9
320	Kidney & Urinary Tract Infections	137,845	157,780	187,680	14.5	19.0	36.2
331	Other Kidney & Urinary Tract Diagnoses Age>17 with CC	38,080	28,380	46,540	-25.5	64.0	22.2
395	Red Blood Cell Disorders Age >17	93,510	72,730	90,625	-22.2	24.6	-3.1
415 <sup>2</sup>	OR Procedure for Infectious & Parasitic Diseases	16,165	27,735	38,560	71.6	39.0	138.5
416	Septicemia Age >17	66,180	128,085	180,905	93.5	41.2	173.4
429	Organic Disturbances & Mental Retardation	52,710	49,305	64,795	-6.5	31.4	22.9
430	Psychoses	118,455	195,595	308,935	65.1	57.9	160.8
462	Rehabilitation	9,490	106,680	266,020	1,024.1	149.4	2,703.2
468	Extensive OR Procedure Unrelated to Principal Diagnosis	166,815	75,885	59,690	-54.5	-21.3	-64.2
475	Respiratory System Diagnosis with Ventilator Support	---	78,805	105,760	---	34.2	---
478 <sup>2</sup>	Other Vascular Procedures with CC	---	24,230	107,400	---	343.3	---
483	Tracheostomy Except for Face, Mouth and Neck Diagnosis	---	8,045	42,510	---	428.4	---
493	Laparoscopic Cholecystectomy Without CDE with CC	---	---	55,185	---	---	---
500	Back and Neck Procedures Except Spinal Fusion Without CC	---	---	45,430	---	---	---
All Other DRGs	----	4,504,575	3,566,370	3,059,560	-20.8	-14.2	-32.1

<sup>1</sup>Based on frequency of occurrence in 2000.

<sup>2</sup>Represents surgical DRGs.

<sup>3</sup>Prior to 1999, DRG code 107 was defined as coronary bypass without cardiac catheterization.

<sup>4</sup>In 1999 the DRG code 107 was revised and defined as coronary bypass with cardiac catheterization. In addition, DRG code 109 was introduced and defined as coronary bypass without cardiac catheterization.

NOTES: Composition of some DRGs have changed over time. For complete DRG description, refer to *Diagnosis Related Groups, Version 3.0* (1984), *Versions 7.0 and 8.0* (1990), and *Versions 16.0 and 17.0* (2000), *Definitions Manual*. The most recent description is used in this table. TIA is transient ischemic attack. CC is complications and/or comorbidities. Cath is catheterization. AMI is acute myocardial infarction. CV is cardiovascular. Card is cardiac. G.I. is gastrointestinal. O.R. is operating room. CDE is common duct exploration. Conn is connective. Tiss is tissue. Resp is respiratory. Proc is procedure. PTCA is percutaneous transluminal coronary angioplasty. Perm is permanent. Comp is complications. Circ is circulatory.

SOURCE: Centers for Medicare & Medicaid Services, Office of Information Services: Data from the Medicare Decision Support Access Facility; data development by the Office of Research, Development, and Information..

Table 29—Continued

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Average Total Days of Care per Discharge						Average Charge Per Discharge					
Number of Days			Percent Change	Percent Change	Percent Change	Amount			Percent Change	Percent Change	Percent Change
1984	1990	2000	1984-1990	1990-2000	1984-2000	1984	1990	2000	1984-1990	1990-2000	1984-2000
12.7	10.0	5.2	-21.3	-48.0	-59.1	4,573	6,530	8,458	42.8	29.5	85.0
10.5	10.4	6.2	-1.0	-40.4	-41.0	3,989	7,605	11,447	90.6	50.5	187.0
8.0	6.9	4.7	-13.8	-31.9	-41.3	2,858	4,657	8,424	62.9	80.9	194.8
9.1	8.6	5.7	-5.5	-33.7	-37.4	3,740	6,570	9,996	75.7	52.1	167.3
8.4	7.5	4.6	-10.7	-38.7	-45.2	3,267	5,491	8,949	68.1	63.0	173.9
8.4	8.5	5.2	1.2	-38.8	-38.1	3,556	6,840	9,814	92.4	43.5	176.0
6.9	5.3	3.5	-23.2	-34.0	-49.3	3,032	3,724	6,014	22.8	61.5	98.4
9.6	9.4	6.6	-2.1	-29.8	-31.3	5,572	9,555	15,538	71.5	62.6	178.9
8.2	8.6	5.3	4.9	-38.4	-35.4	3,581	7,174	9,871	100.3	37.6	175.6
7.3	7.6	5.6	4.1	-26.3	-23.3	3,456	7,338	12,541	112.3	70.9	262.9
6.6	6.5	4.3	-1.5	-33.8	-34.8	3,000	5,639	9,389	88.0	66.5	213.0
19.9	21.2	14.5	6.5	-31.6	-27.1	14,476	27,339	43,733	88.9	60.0	202.1
11.4	10.7	7.3	-6.1	-31.8	-36.0	6,811	10,981	17,908	61.2	63.1	162.9
11.3	14.5	9.9	28.3	-31.7	-12.4	3,717	8,417	12,359	126.4	46.8	232.5
16.1	16.9	11.1	5.0	-34.3	-31.1	5,069	9,359	13,127	84.6	40.3	159.0
22.5	21.2	12.9	-5.8	-39.2	-42.7	9,151	15,745	18,640	72.1	18.4	103.7
16.6	19.3	12.8	16.3	-33.7	-22.9	10,595	24,871	43,017	134.7	73.0	306.0
---	14.3	11.3	---	-21.0	---	---	25,548	43,254	---	69.3	---
---	10.4	7.3	---	-29.8	---	---	16,682	27,725	---	66.2	---
---	55.8	40.0	---	-28.3	---	---	125,493	188,444	---	50.2	---
---	---	5.8	---	---	---	---	---	20,031	---	---	---
---	---	2.6	---	---	---	---	---	11,257	---	---	---
8.1	8.4	5.6	3.7	-33.3	-30.9	4,594	10,224	17,008	122.6	66.4	270.2