

**CMS 2008 Enrollment and User Rates**  
**for Basic Stand Alone (BSA) Public Use Files (PUFs)**

This supplement includes tables showing enrollment in Fee-for-Service (FFS) Medicare programs in calendar year 2008 and user rates based on the 2008 BSA PUFs that are available for each type of claim covered by Medicare.

Table 1 provides the unduplicated number of beneficiaries enrolled in FFS Medicare in 2008 by gender, age categories, and total months of enrollment in FFS Medicare Part A and/or Part B. Table 1 includes beneficiaries who were enrolled in Fee-for-Service Medicare Part A and/or Part B for at least one month in 2008. Examples of included beneficiaries are beneficiaries who i) turned 65 in 2008 and enrolled in traditional Medicare Part A and/or Part B, ii) enrolled in traditional Medicare Part A and/or Part B for part of 2008 and in Health Maintenance Organization (HMO), or Part C, plans in other months of 2008, and iii) enrolled in traditional Medicare Part A and/or Part B for part of 2008 but died later in 2008. It **excludes** beneficiaries who were enrolled **only** in HMO Plans in 2008.

Table 2 provides the unduplicated number of beneficiaries enrolled in Medicare Part D by gender, age categories, and total months of enrollment in Medicare Part D.

Tables 3-10 provide user rates by using the available information in each of the BSA PUFs and/or the general documentation that accompany the file together with the information in Tables 1-2. For example, the user rate for Inpatient Services (Table 3) is measured by the number of beneficiaries with at least one inpatient claim in 2008 in the *CMS 2008 BSA Inpatient Claims PUF* (provided in the general documentation for the PUF) multiplied by twenty (20) to estimate the number of beneficiaries in the Medicare population divided by the number of beneficiaries provided in Table 1 for the same gender, age category, and total months of enrollment in FFS Medicare Part A.

Table 1: Number of Beneficiaries Enrolled in Fee-for-Service Medicare in 2008 by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Coverage	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	Part A Only	270,426	387,136	190,137	100,462	65,191	137,437	1,150,789
Female	12 months	Part B Only	216	38,886	45,928	41,022	35,839	40,907	202,798
Female	12 months	Part A & B	2,343,581	3,099,587	3,230,174	2,794,191	2,447,474	2,683,070	16,598,077
Female	Less than 12 months <sup>(2)</sup>	Part A Only	51,524	228,317	10,672	4,594	3,599	6,253	304,959
Female	Less than 12 months <sup>(2)</sup>	Part B Only	255	17,212	5,478	4,563	4,127	7,913	39,548
Female	Less than 12 months <sup>(2)</sup>	Part A & B	539,626	1,047,905	214,586	198,316	214,853	430,266	2,645,552
Male	12 months	Part A Only	365,760	514,855	265,634	133,893	69,302	92,860	1,442,304
Male	12 months	Part B Only	296	20,000	22,459	19,902	16,961	15,991	95,609
Male	12 months	Part A & B	2,629,901	2,723,408	2,701,379	2,113,641	1,570,310	1,222,630	12,961,269
Male	Less than 12 months <sup>(2)</sup>	Part A Only	55,519	276,789	15,976	8,007	5,509	5,720	367,520
Male	Less than 12 months <sup>(2)</sup>	Part B Only	235	9,658	3,583	2,976	2,667	3,256	22,375
Male	Less than 12 months <sup>(2)</sup>	Part A & B	589,724	966,135	208,937	176,964	168,534	220,405	2,330,699
Total			6,847,063	9,329,888	6,914,943	5,598,531	4,604,366	4,866,708	38,161,499

(1) The table includes beneficiaries who were enrolled in Fee-for-Service Medicare Part A and/or Part B for at least one month in 2008. Examples of included beneficiaries are beneficiaries who i) turned 65 in 2008 and enrolled in traditional Medicare Part A and/or Part B, ii) enrolled in traditional Medicare Part A and/or Part B for part of 2008 and in Health Maintenance Organization (HMO), or Part C, plans in other months of 2008, and iii) enrolled in traditional Medicare Part A and/or Part B for part of 2008 but died later in 2008. It **excludes** beneficiaries who were enrolled **only** in HMO Plans in 2008.

(2) These beneficiaries have the indicated coverage for at least one month but less than 12 months in 2008.

Table 2: Number of Beneficiaries Enrolled in Medicare Part D in 2008 by Gender and Age Category<sup>(1)</sup>

	Months of Part D Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	2,271,490	2,625,082	2,789,843	2,435,997	2,056,408	2,217,499	14,396,319
Female	Less than 12 months <sup>(2)</sup>	373,498	710,399	161,766	158,447	183,642	393,418	1,981,170
Male	12 months	2,282,132	1,952,372	1,995,799	1,509,501	1,065,942	795,011	9,600,757
Male	Less than 12 months <sup>(2)</sup>	386,156	570,466	160,501	136,612	128,359	169,189	1,551,283
Total		5,313,276	5,858,319	5,107,909	4,240,557	3,434,351	3,575,117	27,529,529

(1) This table includes beneficiaries that are enrolled in Medicare Part D for at least one month in 2008.

(2) These beneficiaries have the indicated coverage for at least one month but less than 12 months in 2008.

Table 3: Estimated User Rates for Inpatient Services in Fee-for-Service Medicare in 2008 by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	21.14%	12.59%	15.20%	19.19%	23.09%	27.54%	19.29%
Female	Less than 12 months <sup>(2)</sup>	10.81%	5.85%	22.11%	33.39%	44.18%	50.49%	19.42%
Male	12 months	17.92%	12.64%	15.34%	18.95%	22.97%	26.92%	17.76%
Male	Less than 12 months <sup>(2)</sup>	11.52%	6.51%	24.67%	38.57%	47.94%	55.32%	18.18%
Total		17.93%	10.86%	15.80%	20.26%	25.01%	30.77%	18.64%

(1) The numerator in the calculations is obtained by multiplying the values in Tables 7 and 8 of the CMS 2008 BSA Inpatient Claims PUF General Documentation by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is calculated from Table 1 provided above as the sum of beneficiaries with “Part A only” and “Part A & Part B” enrollment in the Medicare population.

(2) These beneficiaries have Part A enrollment for at least one month but less than 12 months in 2008.

Table 4: Estimated User Rates for Hospice Services in Fee-for-Service Medicare in 2008 by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	0.26%	0.23%	0.37%	0.84%	1.60%	3.98%	1.15%
Female	Less than 12 months <sup>(2)</sup>	2.61%	1.97%	15.13%	25.02%	35.13%	45.97%	13.65%
Male	12 months	0.25%	0.24%	0.38%	0.79%	1.38%	3.09%	0.75%
Male	Less than 12 months <sup>(2)</sup>	2.70%	2.21%	15.60%	26.70%	34.77%	44.49%	10.77%
Total		0.69%	0.74%	1.36%	2.57%	4.40%	9.47%	2.66%

(1) The numerator in the calculations is obtained by multiplying the values in Tables 22 and 23 of the CMS 2008 BSA Hospice Claims PUF General Documentation by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is calculated from Table 1 provided above as the sum of beneficiaries with “Part A only” and “Part A & Part B” enrollment in the Medicare population.

(2) These beneficiaries have Part A enrollment for at least one month but less than 12 months in 2008.

Table 5: Estimated User Rates for Skilled Nursing Facility (SNF) Services in Fee-for-Service Medicare in 2008  
by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	1.58%	1.32%	2.43%	4.54%	7.16%	11.80%	4.59%
Female	Less than 12 months <sup>(2)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>
Male	12 months	1.30%	0.89%	1.55%	2.87%	4.88%	8.34%	2.55%
Male	Less than 12 months <sup>(2)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>
Total		1.43%	1.11%	2.02%	3.81%	6.26%	10.70%	3.68%

(1) The numerator in the calculations can be calculated from the CMS 2008 BSA SNF Beneficiary PUF by tabulating the file by age categories and gender and multiplying those values by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is calculated from Table 1 provided above as the sum of beneficiaries with “Part A only” and “Part A & Part B” enrollment in the Medicare population.

(2) These beneficiaries have Part A enrollment for at least one month but less than 12 months in 2008.

(3) These rates cannot be calculated since the CMS 2008 SNF Beneficiary PUF excludes beneficiaries with less than 12 months of Part A enrollment.

Table 6: Estimated User Rates for Durable Medical Equipment (DME) Services in Fee-for-Service Medicare in 2008  
by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	35.38%	25.63%	29.53%	32.25%	33.13%	32.32%	31.06%
Female	Less than 12 months <sup>(2)</sup>	13.53%	9.83%	16.83%	23.43%	27.28%	26.77%	16.36%
Male	12 months	26.71%	23.10%	27.43%	30.14%	31.54%	31.52%	27.71%
Male	Less than 12 months <sup>(2)</sup>	11.96%	9.22%	18.72%	26.16%	29.53%	30.01%	15.52%
Total		27.45%	20.61%	27.85%	30.87%	32.14%	31.47%	27.63%

(1) The numerator in the calculations is obtained by multiplying the values in Tables 6 and 7 of the CMS 2008 BSA DME Line Items PUF General Documentation by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is calculated from Table 1 provided above as the sum of beneficiaries with “Part B only” and “Part A & Part B” enrollment in the Medicare population.

(2) These beneficiaries have Part B enrollment for at least one month but less than 12 months in 2008.

Table 7: Estimated User Rates for Carrier/Physician Services in Fee-for-Service Medicare in 2008  
by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	96.12%	96.05%	98.90%	100.02%	100.49%	99.43%	98.49%
Female	Less than 12 months <sup>(2)</sup>	52.13%	60.91%	37.90%	50.48%	62.43%	78.96%	59.54%
Male	12 months	85.60%	88.92%	94.44%	96.99%	97.69%	98.17%	92.66%
Male	Less than 12 months <sup>(2)</sup>	48.59%	54.07%	46.82%	57.85%	69.51%	80.69%	55.99%
Total		83.10%	83.69%	93.20%	95.52%	96.44%	96.25%	90.45%

(1) The numerator in the calculations is obtained by multiplying the values in Tables 6 and 7 of the CMS 2008 BSA Carrier Line Items PUF General Documentation by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is calculated from Table 1 provided above as the sum of beneficiaries with “Part B only” and “Part A & Part B” enrollment in the Medicare population.

(2) These beneficiaries have Part B enrollment for at least one month but less than 12 months in 2008.

Table 8: Estimated User Rates for Outpatient Services in Fee-for-Service Medicare in 2008  
by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	79.46%	72.72%	76.04%	78.10%	77.75%	76.50%	76.57%
Female	Less than 12 months <sup>(2)</sup>	38.83%	36.82%	27.66%	37.39%	45.98%	54.79%	40.20%
Male	12 months	64.86%	58.05%	64.52%	69.27%	71.94%	72.98%	65.71%
Male	Less than 12 months <sup>(2)</sup>	34.33%	28.73%	33.15%	43.57%	51.40%	57.27%	36.03%
Total		65.21%	57.40%	68.09%	71.87%	73.11%	72.57%	66.97%

(1) The numerator in the calculations is obtained by multiplying the values in Tables 6 and 7 of the CMS 2008 BSA Outpatient Procedures PUF General Documentation by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is calculated from Table 1 provided above as the sum of beneficiaries with “Part B only” and “Part A & Part B” enrollment in the Medicare population.

(2) These beneficiaries have Part B enrollment for at least one month but less than 12 months in 2008.

Table 9: Estimated User Rates for Home Health Agency (HHA) Services in Fee-for-Service Medicare in 2008  
by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	6.80%	4.84%	6.64%	9.68%	13.45%	18.96%	9.83%
Female	Less than 12 months <sup>(2)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>
Male	12 months	4.93%	3.69%	4.79%	7.00%	10.30%	15.96%	6.67%
Male	Less than 12 months <sup>(2)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>	NA <sup>(3)</sup>
Total		5.81%	4.30%	5.80%	8.53%	12.22%	18.02%	8.45%

(1) The numerator in the calculations can be calculated from the CMS 2008 BSA HHA Beneficiary PUF by tabulating the file by age categories and gender and multiplying those values by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is provided in Table 1 above as the beneficiaries with “Part A & Part B” enrollment in the Medicare population.

(2) These beneficiaries have Part A or Part B enrollment for at least one month but less than 12 months in 2008.

(3) These rates cannot be calculated since the CMS 2008 HHA Beneficiary PUF excludes beneficiaries with less than 12 months of Part A & Part B enrollment.

Table 10: Estimated User Rates for Prescription Drug Events (PDE) in Fee-for-Service Medicare in 2008  
by Gender and Age Category<sup>(1)</sup>

	Months of Enrollment	Under 65	65 - 69	70 - 74	75 - 79	80 - 84	85 and older	Total
Female	12 months	94.71%	93.81%	94.40%	95.06%	112.35%	82.99%	95.26%
Female	Less than 12 months <sup>(2)</sup>	82.30%	82.48%	82.98%	84.37%	103.82%	79.28%	83.98%
Male	12 months	88.69%	89.67%	91.09%	91.93%	106.02%	75.51%	90.73%
Male	Less than 12 months <sup>(2)</sup>	73.63%	75.51%	78.52%	79.45%	94.16%	72.52%	76.92%
Total		89.14%	88.50%	92.04%	92.78%	108.75%	79.74%	91.33%

(1) The numerator in the calculations is obtained by multiplying the values in Tables 15 and 16 of the *CMS 2008 BSA PDE PUF General Documentation* by 20 to estimate the number of beneficiaries in the Medicare population. The denominator is provided in Table 2 above.

(2) These beneficiaries have Part D enrollment for at least one month but less than 12 months in 2008.