

Use of Medicare Preventive Benefits

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Use of Medicare Preventive Benefits - 2008 National Demographic Data By Rates

Demographic	Influenza Immunization ¹	Pneumococcal Vaccination ²	Mammography ³	Pap Test ⁴	Pelvic Examination	Prostate Cancer Screening ⁵	Diabetes Screening ⁶	Cardiovascular Disease Screening ⁷	Bone Mass Measurement ⁸	Welcome to Medicare Visit ⁹	Smoking Cessation Counseling ¹⁰	Diabetes Self Management ¹⁰	Medical Nutrition Therapy ¹⁰
Gender													
Male	41.8%	5.4%	N/A	N/A	N/A	19%	11.6%	57%	N/A	2.5%	0.4%	2.2%	0.4%
Female	47.9%	5.9%	38.9%	10.2%	6.1%	N/A	11.5%	61%	14.1%	3.1%	0.3%	2.4%	0.5%
Age													
Under 50	19.2%	2.4%	19.3%	17.5%	7.3%	1.7%	10.3%	36.3%	3.6%	0.3%	0.8%	3.8%	0.7%
50 - 64	25.3%	3.6%	29.6%	10.8%	5.3%	14.4%	11.5%	44.1%	9.3%	0.3%	0.8%	2.5%	0.6%
Under 65	23.1%	3.2%	26%	13.1%	6%	9.6%	11%	41.3%	7.3%	0.3%	0.8%	2.8%	0.6%
65 and Over	50.5%	6.3%	41.4%	9.7%	6.1%	21.8%	11.7%	63.5%	15.4%	6.9%	0.3%	2.2%	0.4%
65 - 74	46.6%	7.3%	52.1%	14.7%	9.2%	24.9%	11.9%	66.4%	18.7%	7.1%	0.4%	2.9%	0.5%
75 - 84	54.3%	5.5%	40.2%	7%	4.6%	19.9%	12.2%	65.1%	15.2%	0.4%	0.2%	1.8%	0.4%
85 and Over	54%	5.3%	16.8%	2.1%	1.4%	12.9%	9.7%	50.3%	7.5%	0.1%	*	0.8%	0.2%
Race/Ethnicity													
Caucasian	48%	5.9%	40.4%	10.5%	6.5%	20.3%	11%	60%	14.9%	3.3%	0.4%	2.5%	0.4%
African American	27.4%	4.6%	33.2%	9.4%	4.5%	13.2%	15.2%	53.6%	8.5%	0.6%	0.5%	1.8%	0.5%
Hispanic	25.9%	4.5%	26.3%	7.4%	3%	9.3%	16.6%	57.5%	11.5%	0.3%	0.2%	1.1%	0.4%
Asian/Pacific Islander	46.1%	6.3%	24.9%	6.4%	3.1%	10.8%	13.7%	63.3%	13.2%	1%	0.2%	0.9%	0.3%
Alaskan/Native American	32.1%	5%	23.7%	6%	3%	9%	8.9%	33.5%	7.1%	0.6%	0.4%	1.9%	0.5%
Other	38%	5.4%	33.3%	9.4%	5.2%	14.1%	13.1%	57.5%	14.1%	1.5%	0.2%	1.7%	0.4%
Unknown	32.3%	4.1%	19.6%	5.4%	2.9%	12%	10%	44.7%	8.1%	0.8%	0.2%	1.5%	0.5%
Buy In/Non Buy-In													
Buy-In	34.7%	5.1%	26.4%	9.1%	3.9%	12.2%	16.2%	58.2%	9.2%	0.6%	0.8%	1.9%	0.6%
Non-Buy-In	47.7%	5.9%	42.2%	10.5%	6.7%	20.4%	10.6%	59.5%	15.4%	3.1%	0.3%	2.5%	0.4%
Totals													
National Total	45.2%	5.7%	38.9%	10.2%	6.1%	19%	11.5%	59.2%	14.1%	2.8%	*	*	*

Use of Medicare Preventive Benefits - 2008 National Demographic Data By Persons Served

Demographic	Influenza Immunization ¹	Pneumococcal Vaccination ²	Mammography ³	Pap Test ⁴	Pelvic Examination	Prostate Cancer Screening ⁵	Diabetes Screening ⁶	Cardio-vascular Disease Screening ⁷	Bone Mass Measurement ⁸	Welcome to Medicare Visit ⁹	Smoking Cessation Counseling ¹⁰	Diabetes Self Management ¹⁰	Medical Nutrition Therapy ¹⁰
Gender													
Male	5,905,602	769,031	N/A	N/A	N/A	2,687,102	1,185,048	8,051,832	0	42,213	55,209	86,526	59,839
Female	8,639,608	1,070,851	7,024,112	1,847,479	1,100,685	N/A	1,544,491	11,002,057	2,544,213	55,922	60,542	110,669	83,806
Age													
Under 50	433,489	54,908	200,106	181,322	76,034	20,771	193,646	818,730	37,337	1,340	19,020	14,306	15,744
50 - 64	987,011	140,692	567,179	206,697	101,392	286,143	309,409	1,724,295	177,472	5,083	31,536	29,968	23,960
Under 65	1,420,500	195,600	767,285	388,019	177,426	306,914	503,055	2,543,025	214,809	6,423	50,556	44,274	39,704
65 and Over	13,124,710	1,644,282	6,256,827	1,459,460	923,259	2,380,188	2,226,484	16,510,864	2,329,404	91,712	65,195	152,921	103,941
65 - 74	5,978,535	932,543	3,610,097	1,018,927	634,941	1,468,747	1,129,899	8,518,638	1,299,235	91,543	47,428	96,806	63,787
75 - 84	5,009,826	503,770	2,187,485	381,877	249,552	752,371	805,767	6,001,430	826,203	164	15,934	48,091	33,391
85 and Over	2,136,349	207,969	459,245	58,656	38,766	159,070	290,818	1,990,796	203,966	*	1,833	8,024	6,763
Race/Ethnicity													
Caucasian	12,986,861	1,590,470	6,137,227	1,599,148	982,727	2,411,945	2,243,689	16,254,839	2,260,006	92,785	97,250	167,821	120,342
African American	859,118	145,227	596,703	169,620	80,089	176,718	304,707	1,677,897	153,496	2,666	14,307	20,863	16,223
Hispanic	179,354	31,032	99,236	27,781	11,282	29,292	71,869	398,174	43,463	274	1,452	2,867	2,518
Asian/Pacific Islander	272,527	37,367	85,644	21,844	10,811	26,590	53,418	374,158	45,331	773	1,024	1,892	1,631
Alaskan/Native American	49,701	7,709	20,479	5,177	2,625	6,127	8,757	51,868	6,147	100	661	1,039	774
Other	184,275	26,371	79,981	22,574	12,426	34,416	43,926	278,420	33,780	1,479	959	2,571	1,933
Unknown	13,374	1,706	4,842	1,335	725	2,014	3,173	18,533	1,990	58	98	142	224
Buy In/Non Buy-In													
Buy-In	2,137,069	314,611	1,000,696	344,988	148,565	289,874	657,833	3,582,857	348,938	2,856	47,510	39,589	35,801
Non-Buy-In	12,408,141	1,525,271	6,023,416	1,502,491	952,120	2,397,228	2,071,706	15,471,032	2,195,275	95,279	68,241	157,606	107,844
Totals													
National Total	14,545,210	1,839,882	7,024,112	1,847,479	1,100,685	2,687,102	2,729,539	19,053,889	2,544,213	98,135	115,751	197,195	143,645
National State Average	250,779	31,722	121,105	31,853	18,977	46,329	47,061	328,515	43,866	1,692	1,996	3,400	2,477

Use of Medicare Preventive Benefits - 2008 National Demographic Data By Expenditures

Demographic	Influenza Immunization ¹	Pneumococcal Vaccination ²	Mammography ³	Pap Test ⁴	Pelvic Examination	Prostate Cancer Screening ⁵	Diabetes Screening ⁶	Cardiovascular Disease Screening ⁷	Bone Mass Measurement ⁸	Welcome to Medicare Visit ⁹	Smoking Cessation Counseling ¹⁰	Diabetes Self Management ¹⁰	Medical Nutrition Therapy ¹⁰
Gender													
Male	\$179,118,215	\$37,283,471	N/A	N/A	N/A	\$73,625,181	\$9,305,618	\$206,270,165	0	\$1,842,421	\$844,413	\$9,336,524	\$4,587,928
Female	\$262,866,778	\$51,598,609	\$726,322,469	\$77,451,104	\$31,555,184	N/A	\$12,347,789	\$278,643,471	\$142,009,650	\$2,619,561	\$910,316	\$12,139,636	\$6,560,080
Age													
Under 50	\$12,937,503	\$2,729,940	\$20,326,614	\$7,062,468	\$2,220,945	\$606,336	\$1,539,377	\$19,766,777	\$2,026,183	\$62,736	\$298,615	\$1,373,600	\$1,238,037
50 - 64	\$29,473,826	\$6,886,480	\$56,828,326	\$8,234,302	\$2,930,026	\$7,827,380	\$2,688,958	\$44,615,825	\$9,722,719	\$240,825	\$503,153	\$3,050,197	\$1,859,156
Under 65	\$42,411,333	\$9,616,422	\$77,154,936	\$15,296,765	\$5,150,971	\$8,433,717	\$4,228,335	\$64,382,606	\$11,748,900	\$303,566	\$801,771	\$4,423,803	\$3,097,189
65 and Over	\$399,573,663	\$79,265,661	\$649,167,523	\$62,154,343	\$26,404,214	\$65,191,467	\$17,425,068	\$420,531,032	\$130,260,752	\$4,158,417	\$952,961	\$17,052,366	\$8,050,818
65 - 74	\$180,163,258	\$44,386,719	\$374,401,630	\$43,473,374	\$18,141,366	\$40,054,347	\$8,697,113	\$216,123,593	\$71,097,674	\$4,149,706	\$683,807	\$11,252,498	\$4,997,503
75 - 84	\$153,015,798	\$24,534,223	\$227,106,387	\$16,220,243	\$7,148,922	\$20,720,837	\$6,341,929	\$155,524,189	\$47,297,763	\$8,466	\$241,136	\$5,074,894	\$2,565,276
85 and Over	\$66,394,609	\$10,344,723	\$47,659,508	\$2,460,722	\$1,113,923	\$4,416,283	\$2,386,026	\$48,883,258	\$11,865,313	\$244	\$28,019	\$724,978	\$488,033
Race/Ethnicity													
Caucasian	\$393,595,419	\$76,406,034	\$634,279,522	\$67,604,202	\$28,062,623	\$66,162,727	\$17,043,205	\$414,182,487	\$125,584,431	\$4,218,369	\$1,430,462	\$17,829,548	\$9,335,533
African American	\$26,319,012	\$7,297,226	\$61,252,571	\$6,764,849	\$2,354,503	\$4,787,988	\$2,836,765	\$41,755,181	\$8,594,204	\$115,881	\$249,412	\$2,773,132	\$1,260,209
Hispanic	\$5,540,231	\$1,580,102	\$10,248,853	\$1,054,639	\$336,251	\$802,711	\$744,394	\$10,629,212	\$2,569,289	\$11,569	\$24,112	\$257,393	\$183,331
Asian/Pacific Islander	\$8,832,240	\$1,866,437	\$9,441,161	\$865,148	\$333,727	\$709,668	\$524,067	\$9,261,457	\$2,838,581	\$38,974	\$23,035	\$204,801	\$138,251
Alaskan/Native American	\$1,479,931	\$367,210	\$1,748,531	\$179,531	\$69,955	\$177,346	\$97,802	\$1,338,641	\$318,834	\$4,193	\$10,980	\$131,486	\$54,001
Other	\$5,804,114	\$1,280,999	\$8,843,844	\$929,969	\$376,518	\$928,973	\$374,772	\$7,274,049	\$1,988,926	\$69,781	\$15,246	\$267,640	\$159,826
Unknown	\$414,045	\$84,069	\$507,985	\$52,769	\$21,605	\$55,768	\$32,399	\$472,599	\$115,383	\$3,214	\$1,481	\$12,170	\$16,856
Buy In/Non Buy-In													
Buy-In	\$65,882,564	\$15,747,178	\$100,589,673	\$13,343,814	\$4,382,509	\$8,078,074	\$6,776,892	\$93,158,531	\$19,955,971	\$137,188	\$797,326	\$3,815,878	\$2,770,032
Non-Buy-In	\$376,102,423	\$73,134,898	\$625,732,792	\$64,107,296	\$27,172,671	\$65,547,110	\$14,876,511	\$391,755,106	\$122,053,682	\$4,324,793	\$957,398	\$17,660,286	\$8,377,976
Totals													
National Total	\$441,984,993	\$88,882,080	\$726,322,469	\$77,451,104	\$31,555,184	\$73,625,181	\$21,653,407	\$484,913,636	\$142,009,650	\$4,461,982	\$1,754,729	\$21,476,160	\$11,148,008
National State Average	\$7,620,431	\$1,532,450	\$12,522,801	\$1,335,364	\$544,055	\$1,269,400	\$373,335	\$8,360,580	\$2,448,442	\$76,931	\$30,254	\$370,279	\$192,207

Footnotes:

¹Influenza Immunization - Medicare claims data are likely to underreport the actual use of this benefit, as many people receive this service from providers who do not bill Medicare for it. Other data sources are recommended-please refer to the "Data User's Guide" available in the "Downloads" section.

²Pneumococcal Vaccination - Most Medicare beneficiaries only need this service one time after they turn 65 to protect them. These data reflect vaccinations billed to Medicare in 2005 and do not include people who have been vaccinated in previous years. Medicare claims data are likely to underreport the actual use of this benefit, as many people receive this service from providers who do not bill Medicare for it. Other data sources are recommended-please refer to the "Data User's Guide" available in the "Downloads" section.

³Mammography - Data include claims for services provided in the calendar year of interest. Data include both screening and diagnostic services. Medicare covers once a year for screening purposes, and more frequently for diagnostic purposes, if medically necessary. Clinical practice guidelines suggest that women be screened every 1 to 2 years. Biennial screening rates are available in the "Downloads" section below.

⁴Pap Test - It may be difficult to interpret these numbers. Guidelines from the American Cancer Society suggest that women over 70 who have had 3 or more normal Pap tests in a row and no abnormal Pap test results in the last 10 years may discuss with their doctor whether to continue to have Pap tests. Other data sources are recommended-please refer to the "Data User's Guide" available in the "Downloads" section.

⁵Prostate Cancer Screening - Data include men who have had both a prostate-specific antigen test and a digital rectal examination.

⁶Diabetes Screening - Data include both screening and diagnostic services. Medicare covers once or twice a year for screening purposes, depending on a person's risk level. Medicare covers more often for diagnostic purposes if medically reasonable and necessary. It is difficult to distinguish between diagnostic and screening tests because the same procedure codes are used for documentation. CMS has attempted to refine the crude utilization rate for this service by removing people previously diagnosed with diabetes from the denominator, as they would not be eligible for this benefit.


⁷Cardiovascular Disease Screening - Data include both screening and diagnostic services. Medicare covers one test every five years for screening purposes, and more often for diagnostic purposes if considered medically necessary. It is difficult to distinguish between diagnostic and screening tests because the same procedure codes are used for documentation.

⁸Bone Mass Measurement - This benefit is limited to specific persons considered to be at risk for osteoporosis and/or other conditions that affect bone density. Women tend to be at higher risk for these conditions, so to refine the utilization rate provided on this site, we included only women in the rate.

⁹Welcome To Medicare - One-time benefit for people newly enrolled in Medicare Part B and eligible for Part B as of Jan. 1, 2005. Prior to January 1, 2009, newly enrolled beneficiaries had 6 months to use this service after enrolling in Part B. Beneficiaries with Medicare Part B effective dates on or after January 1, 2009 have one year from their Part B enrollment to use this service. The 2005 and 2006 data have been temporarily removed from the website as we have discovered errors in their denominators. Given the window for using this benefit, the most recent year's data is preliminary while CMS waits for late arriving claims. The time periods used to calculate the crude utilization rate for a given calendar year are different—that is, the denominator consists of beneficiaries who enrolled in Medicare Part B in the calendar year of interest, while the numerator consists of beneficiaries who had the service during the time window for which they were eligible to have the service. For example, a beneficiary who enrolls December 2007 is eligible to have the service from December 2007 through May 2008, a 6-month window that crosses 2 calendar years.

¹⁰Data was not collected for this particular service for years 2005-2006.

[†]Totals represent non-duplicative data.

The symbol  represents colorectal cancer screening data that was collected by The Carolinas Center for Medical Excellence. By clicking on this symbol, you will be taken to Colorectal Cancer Testing site to view utilization data collected between the years 1998-2004. You can also click on the link to this site in the "Links outside CMS" section.

Because we do not have readily-available information on the number of people considered to be eligible for these benefits, or those not likely to use a service because of past medical history, the utilization rates we calculated are based on all people (except for gender-specific services) with Medicare FFS Part B for the specified area or demographic group. For these services, the crude unadjusted utilization rate that appears on the Interactive Database will be lower than the actual rate. This occurs because the denominator used in calculating the rate includes all Medicare beneficiaries that have fee-for-service Part B coverage, and not just the subgroups of these beneficiaries who are eligible for these benefits. Using the Chronic Condition Warehouse, we have been able to make refinements to the denominator used to calculate crude utilization rates for certain benefits. For diabetes screening, we have removed people previously diagnosed with diabetes who would not be eligible for this service. For

diabetes self management and medical nutrition therapy, the denominator only includes people who have been diagnosed with diabetes.

An asterisk (*) represents a value that is too small for public viewing.

'N/A' represents a value where no data was collected.

Source: The preventive services data are derived from 100% RIC O Line Items from the Part B Extract and Summarization System (BESS) and 100% Outpatient SAF file for the appropriate calendar year. The beneficiary enrollment information is derived from the Medicare Denominator files.

NOTES: The Medicare Denominator files have limitations in accurately identifying beneficiary race and ethnicity. These limitations result in an under-reporting of Hispanics, Asian/Pacific Islanders, and American Indian/Alaskan Natives. Caution should be used in interpreting results for these groups. We recommend reading the "Data User's Guide" in the "Downloads" section to learn about the limitations of various data sources for tracking the use of preventive services.

Found at: <http://www.cms.gov/PrevntionGenInfo>

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<http://frwebgate3.access.gpo.gov/cgi-bin/TEXTgate.cgi?WAISdocID=93335020420+0+1+0&WAIAction=retrieve>

Downloaded from GPO 4-28-09:

(ww) Initial preventive physical examination

- (1) The term "initial preventive physical examination" means physicians' services consisting of a physical examination (including measurement of height, weight, and blood pressure, and an electrocardiogram) with the goal of health promotion and disease detection and includes education, counseling, and referral with respect to screening and other preventive services described in paragraph (2), but does not include clinical laboratory tests.
- (2) The screening and other preventive services described in this paragraph include the following:
 - (A) Pneumococcal, influenza, and hepatitis B vaccine and administration under subsection (s)(10) of this section.
 - (B) Screening mammography as defined in subsection (jj) of this section.
 - (C) Screening pap smear and screening pelvic exam as defined in subsection (nn) of this section.
 - (D) Prostate cancer screening tests as defined in subsection (oo) of this section.
 - (E) Colorectal cancer screening tests as defined in subsection (pp) of this section.
 - (F) Diabetes outpatient self-management training services as defined in subsection (qq)(1) of this section.
 - (G) Bone mass measurement as defined in subsection (rr) of this section.
 - (H) Screening for glaucoma as defined in subsection (uu) of this section.
 - (I) Medical nutrition therapy services as defined in subsection (vv) of this section.
 - (J) Cardiovascular screening blood tests as defined in subsection (xx)(1) of this section.
 - (K) Diabetes screening tests as defined in subsection (yy) of this section.

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