

**Medicare Health Outcomes Survey**

**Applied Research Center**

**Report on the Health Status of the Medicare  
Dual Eligible**

*Cohort I Baseline Data 1998*

Prepared by

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December 15, 2000

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## INTRODUCTION

This report presents a comparison of the demographic and health characteristics of beneficiaries entitled to both Medicaid and Medicare (Dual Eligible) and those beneficiaries entitled only to Medicare (Medicare Only) in the Medicare Health Outcomes Survey (HOS) *Cohort I Baseline* measurement. The purpose of this report is to provide a descriptive picture of the Dual Eligible population and to identify differences between this group and the larger, Medicare Only population.

## METHODOLOGY

### Medicare Health Outcomes Survey Sample Characteristics

In 1998, the Health Care Financing Administration (HCFA) drew a random sample of 1,000 Medicare beneficiaries from each applicable Medicare contract market. In plans with fewer than 1,000 Medicare beneficiaries, the sample included the entire enrolled Medicare population who met the inclusion criteria. The sample frame for the survey comprised the enrolled Medicare membership of a contract market. Institutionalized beneficiaries were eligible for inclusion in the sample frame, as were disabled beneficiaries. Beneficiaries with end-stage renal disease were excluded from the sampling. Specifically, members were eligible for sampling if they met the following criteria:

- They were Medicare beneficiaries enrolled in a Medicare risk or cost contract with a contract effective date of January 1, 1997, or before.
- They were current health plan members who were continuously enrolled in the health plan for at least six months at the time the sample was drawn by HCFA.
- They were not included in the sample surveyed during the same calendar year for the Consumer Assessment of Health Plans Survey (CAHPS<sup>®</sup>), unless the plan's total Medicare membership was less than 1,600.

The data collection protocol used a combination of mail and telephone phone surveys. The methods included multiple mailings and follow-up of non-respondents for optimal response rates. The complete data collection protocols can be found in the Health Plan Employer Data and Information Set (HEDIS<sup>®</sup>) 1998 Medicare Health Outcomes Survey Manual<sup>1</sup>.

<sup>1</sup>National Committee for Quality Assurance. (1998). *HEDIS<sup>®</sup> 3.0/1998, Volume 6, Health of Seniors Survey Manual*. Washington, D.C. NCQA Publication.

Note: CAHPS<sup>®</sup> is a registered trademark of the Agency for Healthcare Research and Quality (AHRQ).  
HEDIS<sup>®</sup> is a registered trademark of the National Committee for Quality Assurance (NCQA).

## **Cohort 1 Baseline**

This report utilizes *Cohort 1 Baseline* data. This cohort is comprised of 279,135 Medicare beneficiaries from 269 Medicare + Choice Organizations (M+COs) representing 287 market areas. A total of 266,880 beneficiaries were enrolled only in Medicare, and 171,510 returned a survey for a response rate of 64.3 percent. Of the original sample, 12,255 (4.4 percent) were entitled to both Medicare and Medicaid (Dual Eligible). Of this group, 6,247 returned a survey, for a response rate of 51 percent.

## **DATA**

### **Demographics**

(Table 1, Figures 1, 2, 3 and 4)

Dual Eligible beneficiaries are more likely to be white, female, widowed, with less than an 8<sup>th</sup> grade education, living below the Federal Poverty Level (FPL), and non-homeowners. Medicare Only beneficiaries are more likely to be white, female, married, high school graduates, living on incomes of \$10,000 to \$19,999, and homeowners.

As can be seen in Table 1, both groups are more likely to be female than male, but the likelihood of being female is much higher for the Dual Eligible. The median age for the Dual Eligible group is 72 (range 21-105 years), and the median age for the Medicare Only group is 73 (range 21-108 years).

Figure 1 shows that Medicare Only beneficiaries are more likely to be married, whereas the Dual Eligible beneficiaries are more likely to be widowed. Dual Eligible beneficiaries are also more likely to be divorced or to have never married than are Medicare Only beneficiaries.

The Dual Eligible population has a higher representation of minorities than the Medicare Only population (see Figure 2). Likewise, beneficiaries of Hispanic origin are more highly represented in the Dual Eligible population.

The largest proportion of Medicare Only beneficiaries own their homes, whereas the largest proportion of Dual Eligible beneficiaries rent.

Dual Eligible beneficiaries are more likely to have less than a high school education than are Medicare Only beneficiaries (Figure 3). Conversely, Medicare Only beneficiaries are more likely than Dual Eligible beneficiaries to have at least some college, and more than twice as likely to have more than 4 years of college.

Figure 4 reveals that Dual Eligible beneficiaries are more likely to live in poverty; 76 percent fall at or below 200 percent of the Federal Poverty Level (FPL), as compared to 42 percent of Medicare Only beneficiaries.

## **Chronic Conditions**

(Table 2, Figure 5)

As shown in Table 2, the most frequently reported chronic condition for both groups is hypertension, followed by arthritis. Dual Eligible beneficiaries are almost twice as likely to report a stroke as are the Medicare Only beneficiaries. The Dual Eligible members are also more likely to report COPD than the Medicare Only members (21 percent compared to 13 percent). As can be seen in Figure 5, Dual Eligible beneficiaries are more likely to report three or more chronic conditions than are Medicare Only beneficiaries (54 percent compared to 38 percent).

## **Risk Factors**

(Table 3, Figure 6)

Table 3 shows that one-third (33 percent) of the Dual Eligible respondents currently smoke, compared to 21 percent of the Medicare Only respondents. A greater proportion of the Medicare Only beneficiaries report having quit smoking, 71 percent as compared to 56 percent of Dual Eligible beneficiaries (see Figure 6).

## **ADL Impairments**

(Tables 4 and 5, Figures 7 and 8)

Table 4 and Figure 7 show that both groups report the highest level of inability for tasks of bathing, getting in or out of a chair, and walking. Dual Eligible beneficiaries are more impaired on Activities of Daily Living (ADLs) than are Medicare Only beneficiaries (Table 5 and Figure 8). The majority (59 percent) of Medicare Only beneficiaries have no ADL impairments compared to approximately one-third (32 percent) of the Dual Eligible beneficiaries. Over one-half (53 percent) of the Dual Eligible beneficiaries report two or more ADL impairments compared to just under one-quarter (26 percent) of the Medicare Only beneficiaries. Dual Eligible beneficiaries are more than twice as likely as are Medicare Only beneficiaries to report impairment on three or more ADLs (38 percent compared to 15 percent).

## **Health Status**

(Table 6, Figures 9, 10 and 11)

On all health status measures, the Dual Eligible members tend to rate their health in negative terms (see Table 6). Figure 9 shows that the Dual Eligible beneficiaries are twice as likely to rate their general health as fair to poor as are Medicare Only beneficiaries. One-third of Dual Eligible beneficiaries perceive their health as declining relative to last year, as compared to 19 percent of Medicare Only beneficiaries (Figure 10). As can be seen in Figure 11, over one-half of the Dual Eligible members rate their health as fair to poor relative to their peers, as compared to less than a quarter (24 percent) of the Medicare Only members.

## **Depression**

(Tables 7 and 8, Figure 12)

As can be seen in Table 7, the Dual Eligible beneficiaries endorse depression questions more frequently than do Medicare Only beneficiaries. On each of the three depression questions, Dual Eligible beneficiaries are twice as likely to respond affirmatively as are Medicare Only beneficiaries (see Figure 12). Table 8 shows that these beneficiaries followed a consistent response pattern based on the time frames of the questions.

## **SF-36<sup>®</sup>**

(Table 9, Figure 13)

As can be seen in Table 9, the Dual Eligible respondents scored significantly lower than the Medicare Only respondents on all of the SF-36<sup>®</sup> scales, and both groups scored significantly different from the national norms on all scales. The Physical Component Summary score (PCS), was almost two standard deviations below the national norm for the Dual Eligible members, whereas it was less than one standard deviation below the national norm for the Medicare Only members.

The Mental Component Summary scores (MCS) are elevated in both groups compared to the PCS scores. As demonstrated in Figure 13, those scales that affect the MCS scores (SF, RE, VT, and MH) are also consistently higher than the scales that affect the PCS scores (PF, RP, BP, and GH).

## **SIGNIFICANT FINDINGS**

Compared to Medicare Only members, Dual Eligible beneficiaries in HOS *Cohort I Baseline*

- are more likely to be widowed
- have less education
- have lower incomes
- are more likely to have a higher number of chronic conditions
- are more likely to smoke and less likely to have quit
- are twice as likely to rate their health as fair or poor
- are more likely to be impaired on three or more ADLs
- are twice as likely to report depression
- scored lower on all SF-36<sup>®</sup> scales

<b>Table 1 Demographics Cohort I Baseline</b>					
<b>Variable</b>	<b>Category</b>	<b>Dual Eligible</b>	<b>Medicare Only</b>	<b><math>\chi^2</math> value</b>	<b>P Value</b>
<b>Total</b>		<b>N=6,247</b>	<b>N=171,510</b>		
<b>Gender</b>	Male	1,723 (27.6%)	74,865 (43.7%)	634.7	<.001
	Female	4,524 (72.4%)	96,645 (56.3%)		
	Missing/Total	0 / 6,247	0 / 171,510		
<b>Race</b>	American Indian/Alaskan Native	129 ( 2.2%)	1,292 ( 0.8%)	3,097.3	<.001
	Asian/Pacific Islander	175 ( 3.0%)	2,748 ( 1.6%)		
	Black/African American	1,330 (22.6%)	10,801 ( 6.5%)		
	White	3,875 (65.7%)	148,225 (88.9%)		
	Other/Multiracial	385 ( 6.5%)	3,657 ( 2.2%)		
	Missing/Total	353 / 5,894	4,787 / 166,723		
	Hispanic or Spanish Background	759 (12.9%)	7,841 ( 4.8%)		
Missing/Total	370 / 5,877	6,789 / 164,721			
<b>Age Group</b>	Under 45	399 ( 6.4%)	990 ( 0.6%)	4,498.2	<.001
	45 - 54	379 ( 6.1%)	2,328 ( 1.4%)		
	55 - 64	560 ( 9.0%)	5,857 ( 3.4%)		
	65 - 74	2,372 (38.0%)	93,571 (54.6%)		
	75 - 84	1,772 (28.4%)	55,668 (32.5%)		
	85 or Over	764 (12.2%)	13,091 ( 7.6%)		
	Missing/Total	1 / 6,246	5 / 171,505		
<b>Marital Status</b>	Married	1,284 (21.2%)	99,867 (59.3%)	4,749.4	<.001
	Divorced	1,252 (20.6%)	14,533 ( 8.6%)		
	Separated	254 ( 4.2%)	1,467 ( 0.9%)		
	Widowed	2,585 (42.6%)	47,603 (28.3%)		
	Never Married	693 (11.4%)	5,020 ( 3.0%)		
	Missing/Total	179 / 6,068	3,020 / 168,490		
<b>Educational Level</b>	8th Grade or Less	1,772 (30.0%)	20,845 (12.5%)	2,019.6	<.001
	Some High School	1,418 (24.0%)	30,026 (18.0%)		
	High School/GED	1,601 (27.1%)	58,061 (34.8%)		
	Some College	814 (13.8%)	34,824 (20.9%)		
	College Graduate	161 ( 2.7%)	11,208 ( 6.7%)		
	More than 4 Year Degree	135 ( 2.3%)	11,938 ( 7.2%)		
	Missing/Total	346 / 5,901	4,608 / 166,902		
<b>Income Level</b>	Less than \$5,000	995 (17.4%)	4,968 ( 3.2%)	9,478.5	<.001
	\$5,000 - \$9,999	2,395 (41.8%)	17,132 (11.1%)		
	\$10,000 - \$19,999	964 (16.8%)	42,301 (27.5%)		
	\$20,000 - \$29,999	209 ( 3.6%)	29,717 (19.3%)		
	\$30,000 - \$39,999	86 ( 1.5%)	17,971 (11.7%)		
	\$40,000 - \$49,999	37 ( 0.6%)	9,665 ( 6.3%)		
	\$50,000 - \$79,999	33 ( 0.6%)	9,209 ( 6.0%)		
	\$80,000 - \$99,999	10 ( 0.2%)	1,926 ( 1.3%)		
	\$100,000 or more	6 ( 0.1%)	2,341 ( 1.5%)		
	Don't know	992 (17.3%)	18,428 (12.0%)		
Missing/Total	520 / 5,727	17,852 / 153,658			
<b>Homeowner Status</b>	Owned or being bought by you	1,623 (29.1%)	125,471 (76.2%)	6,715.9	<.001
	Owned or being bought by someone in your family other than you	786 (14.1%)	10,958 ( 6.7%)		
	Rented for money	2,922 (52.5%)	25,099 (15.2%)		
	Not owned and one in which you live without payment or rent	237 ( 4.3%)	3,169 ( 1.9%)		
	Missing/Total	679 / 5,568	6,813 / 164,697		
<b>Institutionalized</b>	No	5,995 (96.0%)	170,966 (99.7%)	1,867.8	<.001
	Yes	252 ( 4.0%)	544 ( 0.3%)		
	Missing/Total	0 / 6,247	0 / 171,510		

<b>Table 2</b>				
<b>Chronic Conditions</b>				
<b>Cohort I Baseline</b>				
<b>Condition</b>	<b>Dual Eligible</b>	<b>Medicare Only</b>	<b><math>\chi^2</math> value</b>	<b>P Value</b>
Angina Pectoris	1,185 (20.1%)	27,022 (16.3%)	61.9	<.001
Arthritis of the hand/wrist	2,811 (47.0%)	57,090 (34.2%)	416.7	<.001
Arthritis of the hip/knee	3,142 (52.1%)	63,677 (38.0%)	486.3	<.001
Cancer	710 (11.8%)	22,034 (13.1%)	9.1	.003
Diabetes	1,552 (25.9%)	27,799 (16.6%)	355.4	<.001
Emphysema/Asthma/COPD	1,228 (20.7%)	21,549 (12.9%)	304.3	<.001
Hypertension	3,633 (60.1%)	88,588 (52.7%)	128.6	<.001
Myocardial Infarction	852 (14.5%)	17,756 (10.7%)	84.7	<.001
Other Heart Conditions	1,622 (27.4%)	35,410 (21.3%)	127.1	<.001
Stroke	990 (16.6%)	13,424 ( 8.1%)	552.2	<.001
<b>Number of Chronic Conditions</b>				
No Chronic Conditions	692 (11.3%)	25,763 (15.2%)	1057.9	<.001
One Chronic Condition	938 (15.3%)	39,694 (23.4%)		
Two Chronic Conditions	1,157 (18.9%)	39,221 (23.2%)		
Three Chronic Conditions	1,216 (19.8%)	29,786 (17.6%)		
Four-Five Chronic Conditions	1,482 (24.2%)	27,792 (16.4%)		
Six or More Chronic Conditions	651 (10.6%)	7,112 ( 4.2%)		

<b>Table 3</b>				
<b>Smoking Behavior</b>				
<b>Cohort I Baseline</b>				
<b>Variable</b>	<b>Dual Eligible</b>	<b>Medicare Only</b>	<b><math>\chi^2</math> value</b>	<b>P Value</b>
<b>Ever Smoked 100 Cigarettes*</b>				
Yes	2987 (52.3%)	92695 (57.1%)	51.8	<.001
No	2724 (47.7%)	69645 (42.9%)		
Total	5,711	162,340		
<b>Current Smoking Frequency*</b>				
Every Day	915 (26.2%)	16802 (16.5%)	306.0	<.001
Some Days	246 ( 7.0%)	4463 ( 4.4%)		
Not at All	2331 (66.8%)	80400 (79.1%)		
Total	2,577	84,863		
<b>Quit Smoking*</b>				
12 Months or Less	143 ( 8.6%)	2765 ( 4.2%)	75.9	<.001
More than 12 Months	1524 (91.4%)	63146 (95.8%)		
Total	1,667	65,911		

\*Response option of "Don't know" excluded from calculations.

<b>Table 4</b>					
<b>Type of ADL Impairments</b>					
<b>Cohort I Baseline</b>					
<b>Activity of Daily Living</b>	<b>Response Category</b>	<b>Dual Eligible</b>	<b>Medicare Only</b>	<b><math>\chi^2</math> value</b>	<b>P Value</b>
<b>Using Toilet</b>	Unable To Do	330 ( 5.5%)	2,017 ( 1.2%)	1967.9	<.001
	Have Difficulty	1,117 (18.5%)	11,867 ( 7.0%)		
	Do Not Have Difficulty	4,604 (76.1%)	154,609 (91.8%)		
	Missing/Total	196 / 6,051	3,017 / 168,493		
<b>Eating</b>	Unable To Do	209 ( 3.5%)	1,660 ( 1.0%)	1529.2	<.001
	Have Difficulty	876 (14.5%)	7,964 ( 4.7%)		
	Do Not Have Difficulty	4,942 (82.0%)	158,609 (94.3%)		
	Missing/Total	220 / 6,027	3,277 / 168,233		
<b>Bathing</b>	Unable To Do	646 (10.7%)	4,035 ( 2.4%)	3066.9	<.001
	Have Difficulty	1,664 (27.4%)	19,756 (11.7%)		
	Do Not Have Difficulty	3,754 (61.9%)	144,838 (85.9%)		
	Missing/Total	183 / 6,064	2,881 / 168,629		
<b>Getting In or Out of Chairs</b>	Unable To Do	403 ( 6.7%)	2,278 ( 1.4%)	2048.2	<.001
	Have Difficulty	2,511 (41.5%)	42,387 (25.2%)		
	Do Not Have Difficulty	3,137 (51.8%)	123,623 (73.5%)		
	Missing/Total	196 / 6,051	3,222 / 168,288		
<b>Dressing</b>	Unable To Do	499 ( 8.3%)	2,849 ( 1.7%)	2592.7	<.001
	Have Difficulty	1,424 (23.6%)	16,938 (10.0%)		
	Do Not Have Difficulty	4,122 (68.2%)	148,777 (88.3%)		
	Missing/Total	202 / 6,045	2,946 / 168,564		
<b>Walking</b>	Unable To Do	596 ( 9.8%)	4,300 ( 2.6%)	2374.2	<.001
	Have Difficulty	3,096 (51.0%)	53,915 (32.0%)		
	Do Not Have Difficulty	2,376 (39.2%)	110,111 (65.4%)		
	Missing/Total	179 / 6,068	3,184 / 168,326		

<b>Table 5</b>				
<b>Number of ADLs Impaired</b>				
<b>Cohort I Baseline</b>				
<b>Number of ADLs Impaired</b>	<b>Dual Eligible</b>	<b>Medicare Only</b>	<b><math>\chi^2</math> value</b>	<b>P Value</b>
<b>0</b>	1,975 (32.2%)	99,918 (59.0%)	3294.1	<.001
<b>1</b>	929 (15.2%)	24,938 (14.7%)		
<b>2</b>	921 (15.0%)	19,666 (11.6%)		
<b>3</b>	528 ( 8.6%)	8,254 ( 4.9%)		
<b>4</b>	531 ( 8.7%)	6,546 ( 3.9%)		
<b>5</b>	554 ( 9.0%)	5,388 ( 3.2%)		
<b>6</b>	687 (11.2%)	4,635 ( 2.7%)		

<b>Table 6</b>					
<b>Health Status</b>					
<b>Cohort I Baseline</b>					
<b>Variable</b>	<b>Category</b>	<b>Dual Eligible</b>	<b>Medicare Only</b>	<b><math>\chi^2</math> value</b>	<b>P Value</b>
		N=6,247	N=171,510		
<b>General Health</b>	Excellent	166 ( 2.7%)	10,594 ( 6.2%)	3434.7	<.001
	Very Good	586 ( 9.5%)	42,336 (24.9%)		
	Good	1,737 (28.2%)	68,208 (40.1%)		
	Fair	2,471 (40.1%)	39,209 (23.0%)		
	Poor	1,206 (19.6%)	9,878 ( 5.8%)		
	Missing/Total	81 / 6,166	1,285 / 170,225		
<b>Health Compared to Last Year</b>	Much Better	409 ( 6.6%)	8,144 ( 4.8%)	1278.4	<.001
	Somewhat Better	736 (12.0%)	17,910 (10.5%)		
	About the Same	2,953 (48.0%)	112,317 (65.9%)		
	Somewhat Worse	1,535 (24.9%)	27,217 (16.0%)		
	Much Worse	520 ( 8.5%)	4,749 ( 2.8%)		
	Missing/Total	94 / 6,153	1,173 / 170,337		
<b>Health Compared to Peers</b>	Excellent	370 ( 6.1%)	23,327 (13.8%)	3485.8	<.001
	Very Good	816 (13.4%)	50,756 (30.1%)		
	Good	1,589 (26.1%)	54,098 (32.1%)		
	Fair	2,202 (36.2%)	31,420 (18.6%)		
	Poor	1,103 (18.1%)	8,994 ( 5.3%)		
	Missing/Total	167 / 6,080	2,915 / 168,595		

<b>Table 7</b>					
<b>Depression Questions</b>					
<b>Percentage Responding Affirmatively</b>					
<b>Cohort I Baseline</b>					
<b>Depression Questions</b>		<b>Dual Eligible</b>	<b>Medicare Only</b>	<b><math>\chi^2</math> value</b>	<b>P Value</b>
<b>Sad/Blue for 2 weeks</b>	<b>Question 38</b>	2,769 (46.2%)	37,500 (22.4%)	1,837.9	<.001
	Missing/Total	257 / 5,990	4,222 / 167,288		
<b>Depressed in past year</b>	<b>Question 39</b>	2,234 (37.3%)	24,156 (14.5%)	2,340.0	<.001
	Missing/Total	265 / 5,982	4,460 / 167,050		
<b>Depressed two or more years</b>	<b>Question 40</b>	2,131 (35.8%)	24,056 (14.4%)	2,044.6	<.001
	Missing/Total	295 / 5,952	4,643 / 166,867		

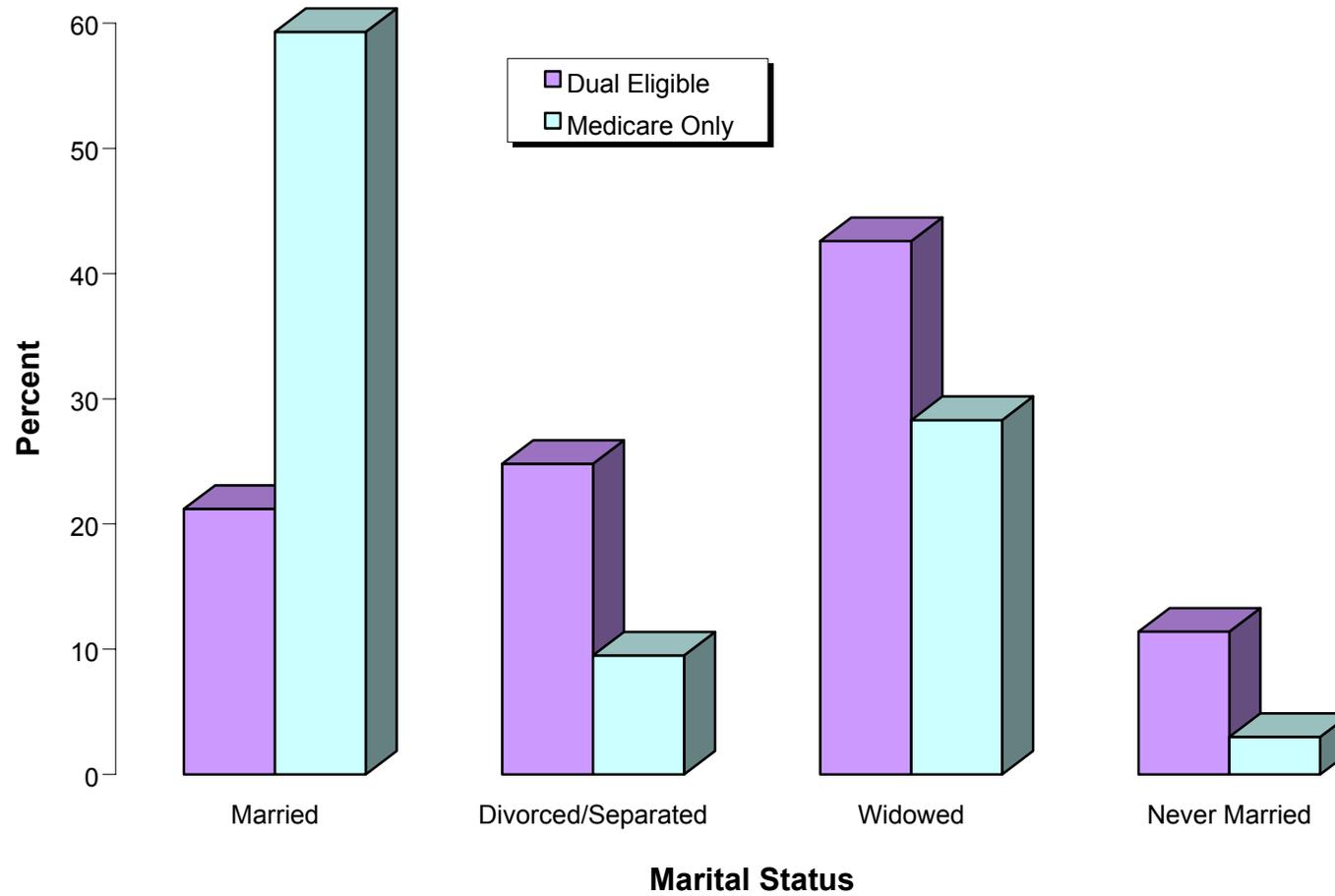
<b>Table 8</b> <b>Depression Question Comparison</b> <b>Percentage Responding Affirmatively to Multiple Depression Questions</b> <b>Cohort I Baseline</b>				
Depression Questions	Dual Eligible	Medicare Only	$\chi^2$ Value	P Value
<b>Questions 38, 39, 40</b>	1,448 (24.8%)	12,641 (7.7%)	2,189.4	<.001
<b>Both Question 38 and 39</b>	1,982 (33.5%)	20,750 (12.5%)	2,197.6	<.001
<b>Both Question 38 and 40</b>	1,686 (28.6%)	15,836 (9.5%)	2,259.3	<.001
<b>Both Question 39 and 40</b>	1,572 (26.7%)	13,798 (8.3%)	2,357.0	<.001

38. In the past **year**, have you had 2 weeks or more during which you felt sad, blue or depressed; or when you lost interest or pleasure in things that you usually cared about or enjoyed?  
 39. In the past **year**, have you felt depressed or sad much of the time?  
 40. Have you ever had **2 years or more** in your life when you felt depressed or sad most days, even if you felt okay sometimes?

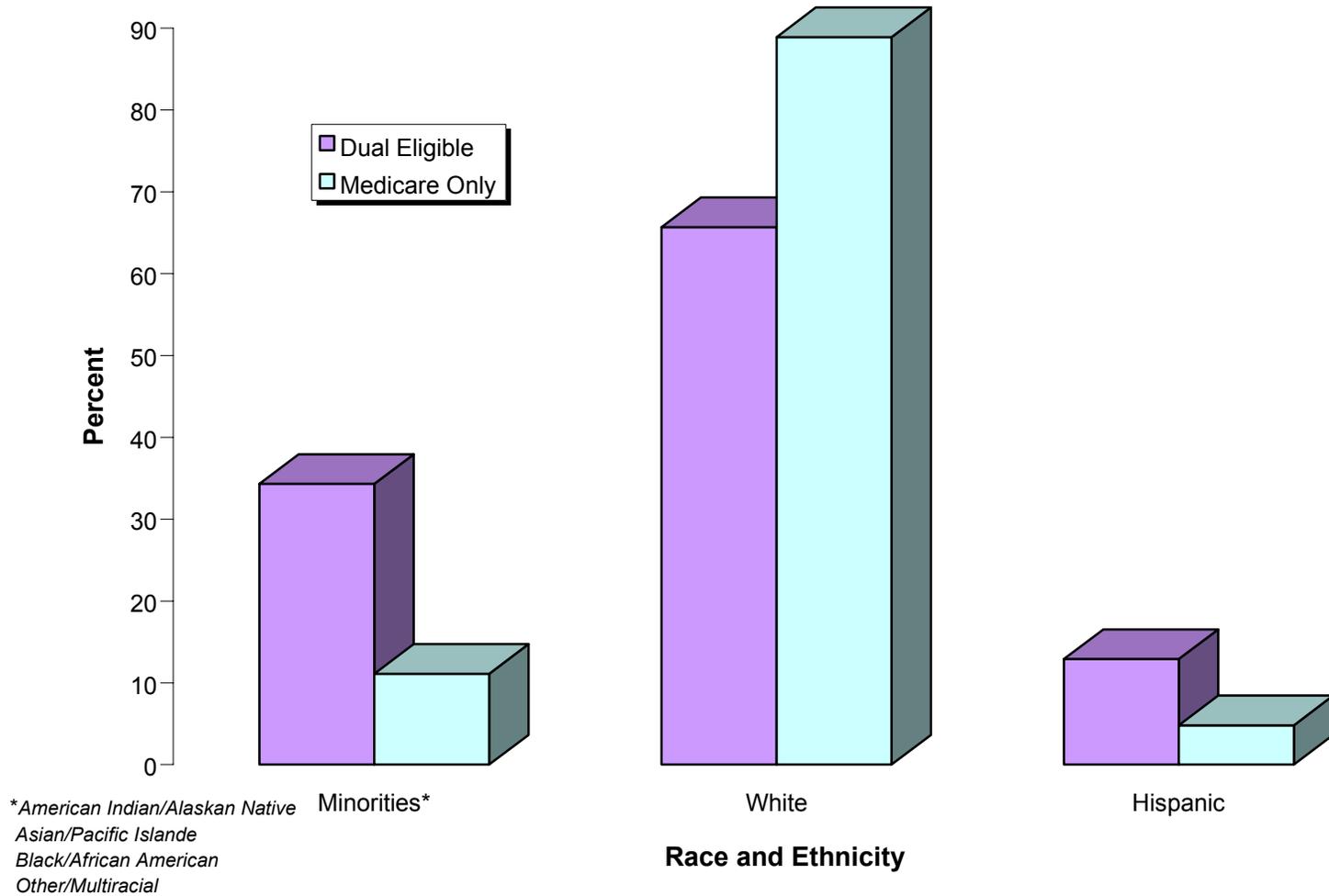
<b>Table 9</b> <b>SF-36<sup>®</sup></b> <b>Mean Normed Scores</b> <b>Cohort I Baseline</b>				
SF-36 <sup>®</sup> Component	Dual Eligible	Medicare Only	T (df)	P Value
	Mean (SD)	Mean (SD)		
<b>Physical Component Summary Score (PCS)*</b>	33.1 (11.7)	40.8 (12.1)	46.6 (164,313)	<.001
<b>Mental Component Summary Score (MCS)*</b>	45.1 (12.8)	52.2 (10.4)	49.0 (164,313)	<.001
Physical Functioning Scale (PF)*	31.2 (13.6)	40.3 (13.0)	53.7 (175,858)	<.001
Role-Physical Scale (RP)*	35.9 (12.1)	42.8 (12.9)	40.7 (170,624)	<.001
Bodily Pain Scale (BP)*	38.0 (11.9)	44.6 (11.4)	44.7 (173,824)	<.001
General Health Scale (GH)*	36.9 (11.9)	45.4 (11.3)	56.5 (173,034)	<.001
Vitality Scale (VT)*	40.9 (11.5)	47.5 (11.1)	45.3 (173,440)	<.001
Social Functioning Scale (SF)*	38.5 (14.0)	47.5 (12.1)	56.7 (174,016)	<.001
Role-Emotional Scale (RE)*	40.8 (13.5)	48.2 (11.6)	46.9 (169,445)	<.001
Mental Health Scale (MH)*	43.5 (12.7)	50.8 (10.5)	52.5 (173,171)	<.001

\*Denotes scales that were significantly different from the national norms for both populations.

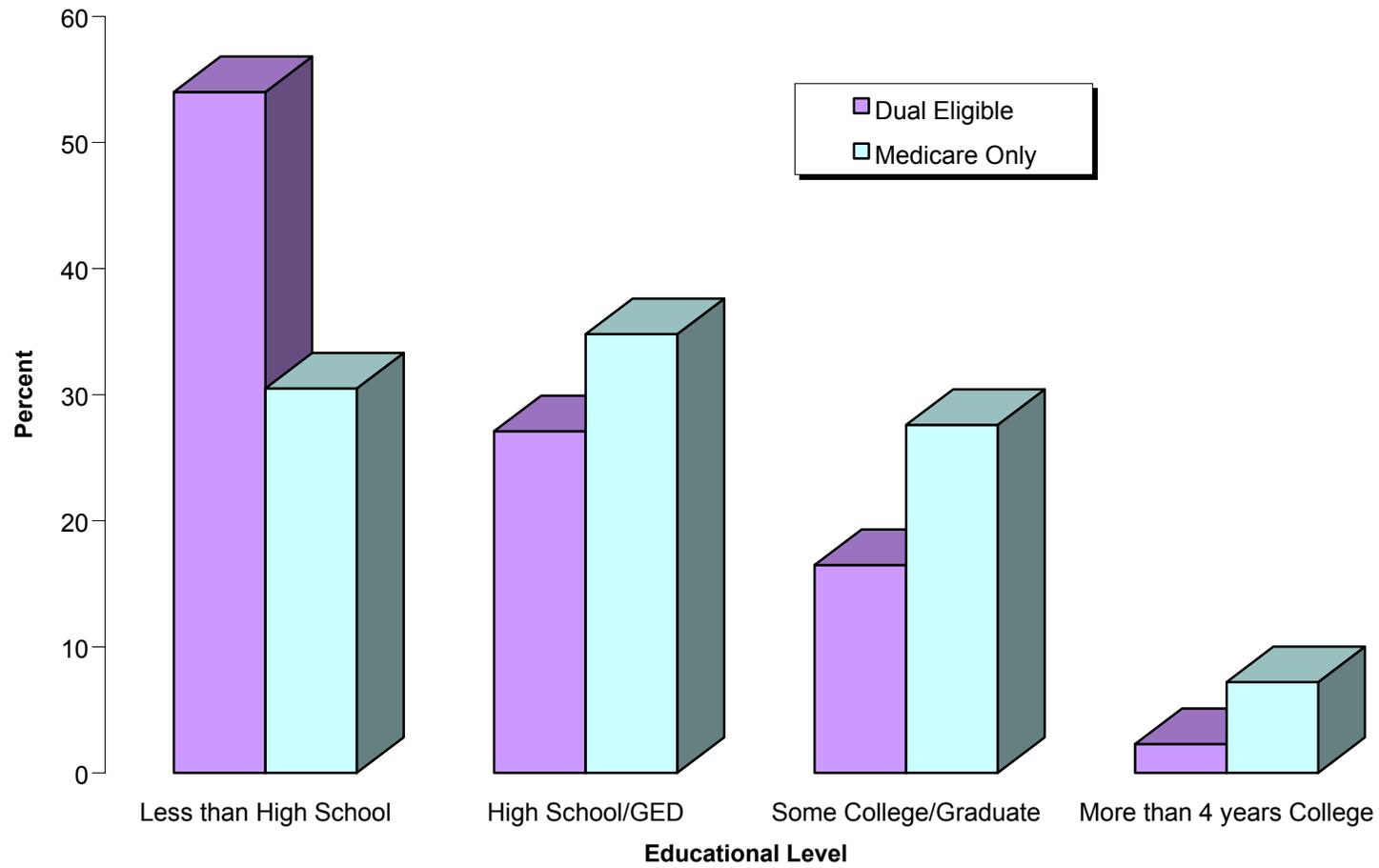
**Figure 1**  
***Cohort I Baseline***  
**Dual Eligible and Medicare Only Beneficiaries**  
**Marital Status**



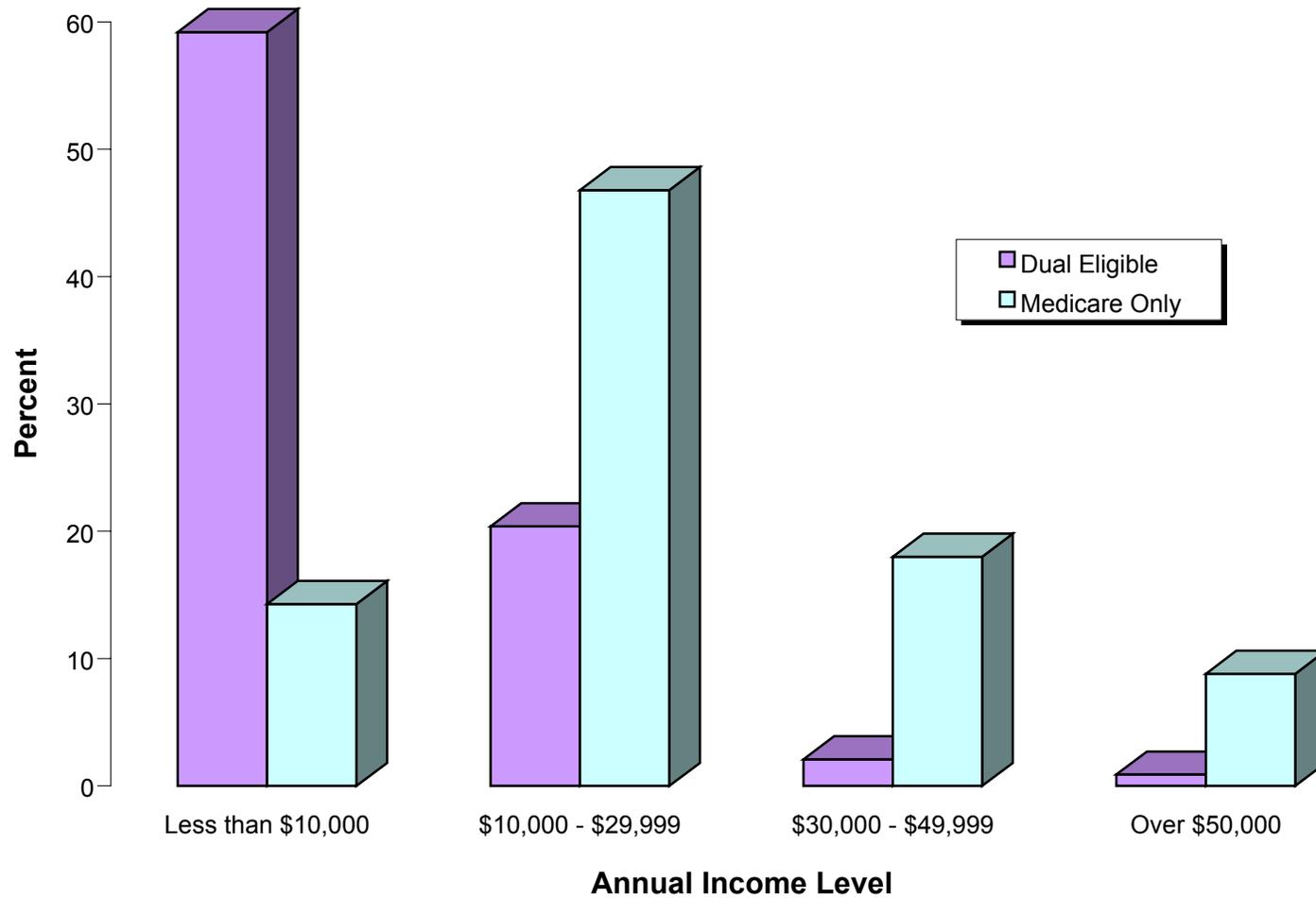
**Figure 2**  
**Cohort I Baseline**  
**Dual Eligible and Medicare Only Beneficiaries**  
**Race and Ethnicity**



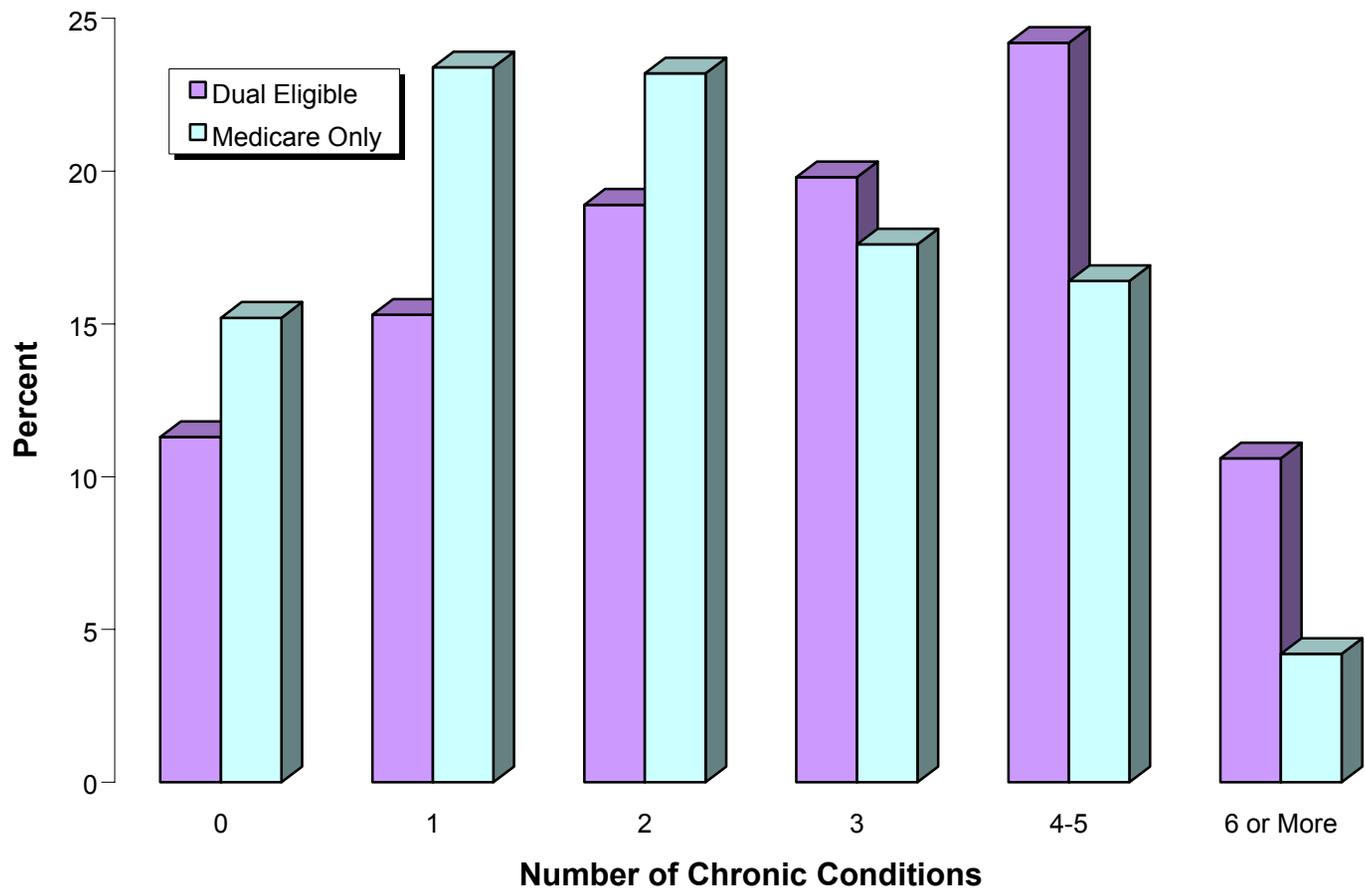
**Figure 3**  
***Cohort I Baseline***  
**Dual Eligible and Medicare Eligible Beneficiaries**  
**Educational Level Attained**



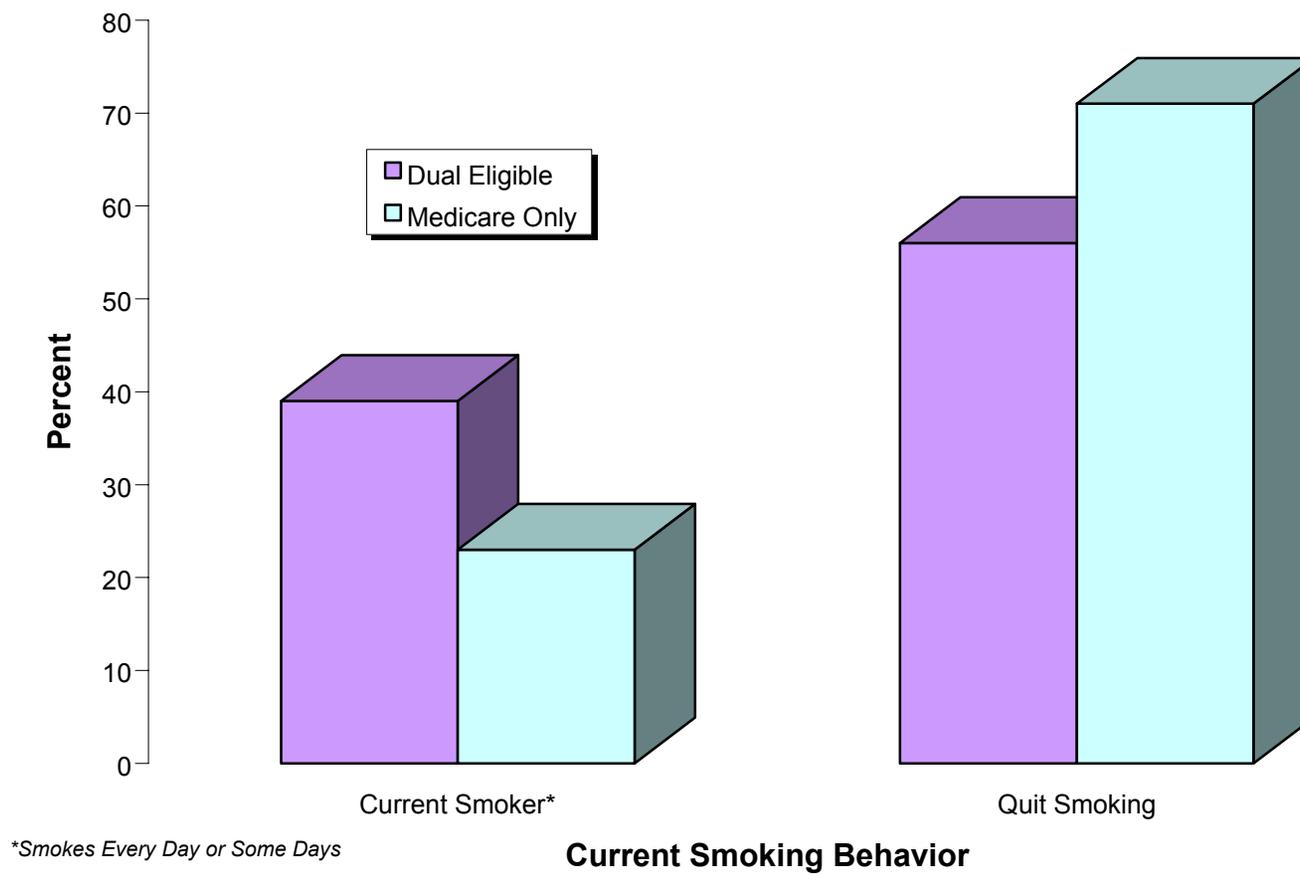
**Figure 4**  
***Cohort I Baseline***  
**Dual Eligible and Medicare Only Beneficiaries**  
**Annual Income Level**



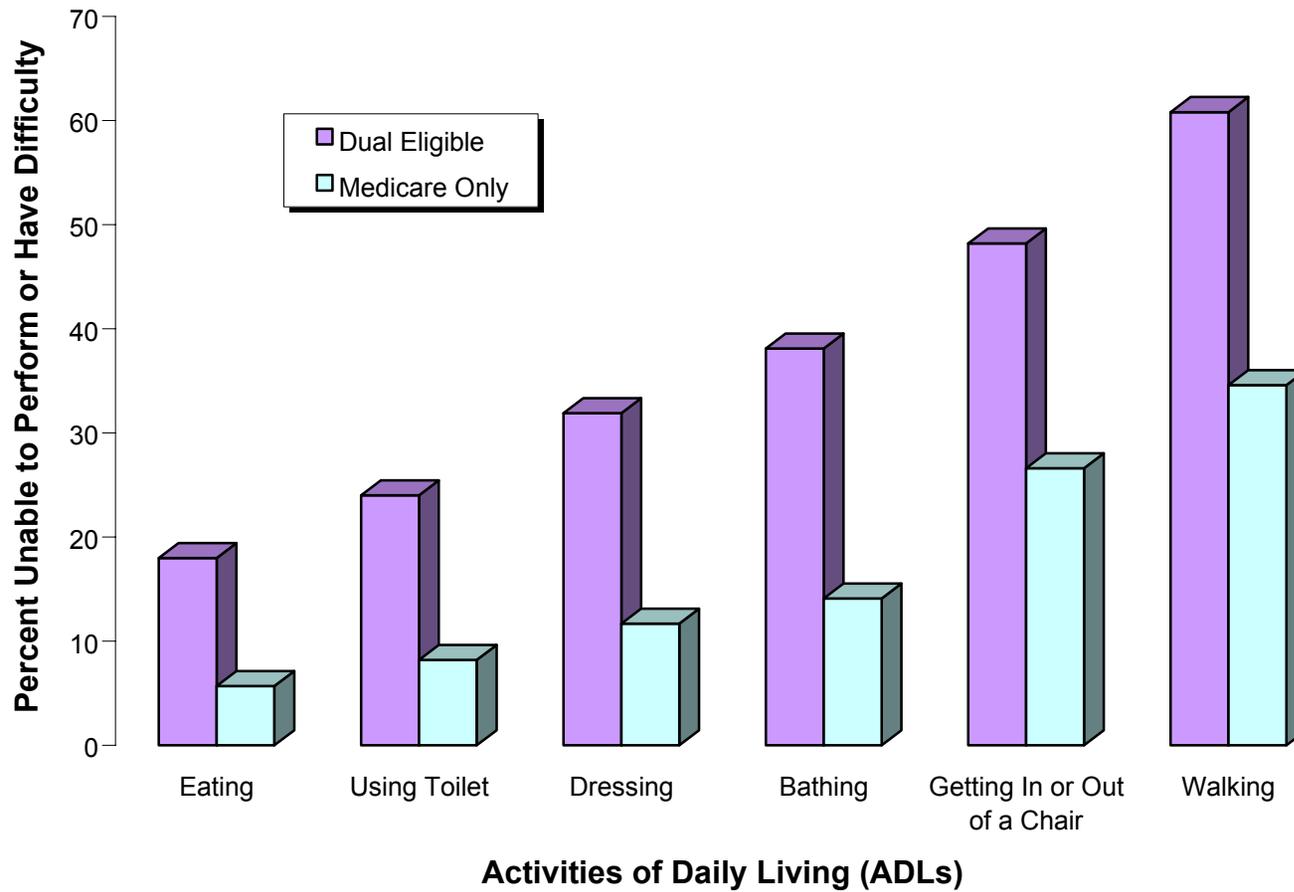
**Figure 5**  
***Cohort I Baseline***  
**Dual Eligible and Medicare Only Beneficiaries**  
**Chronic Conditions**



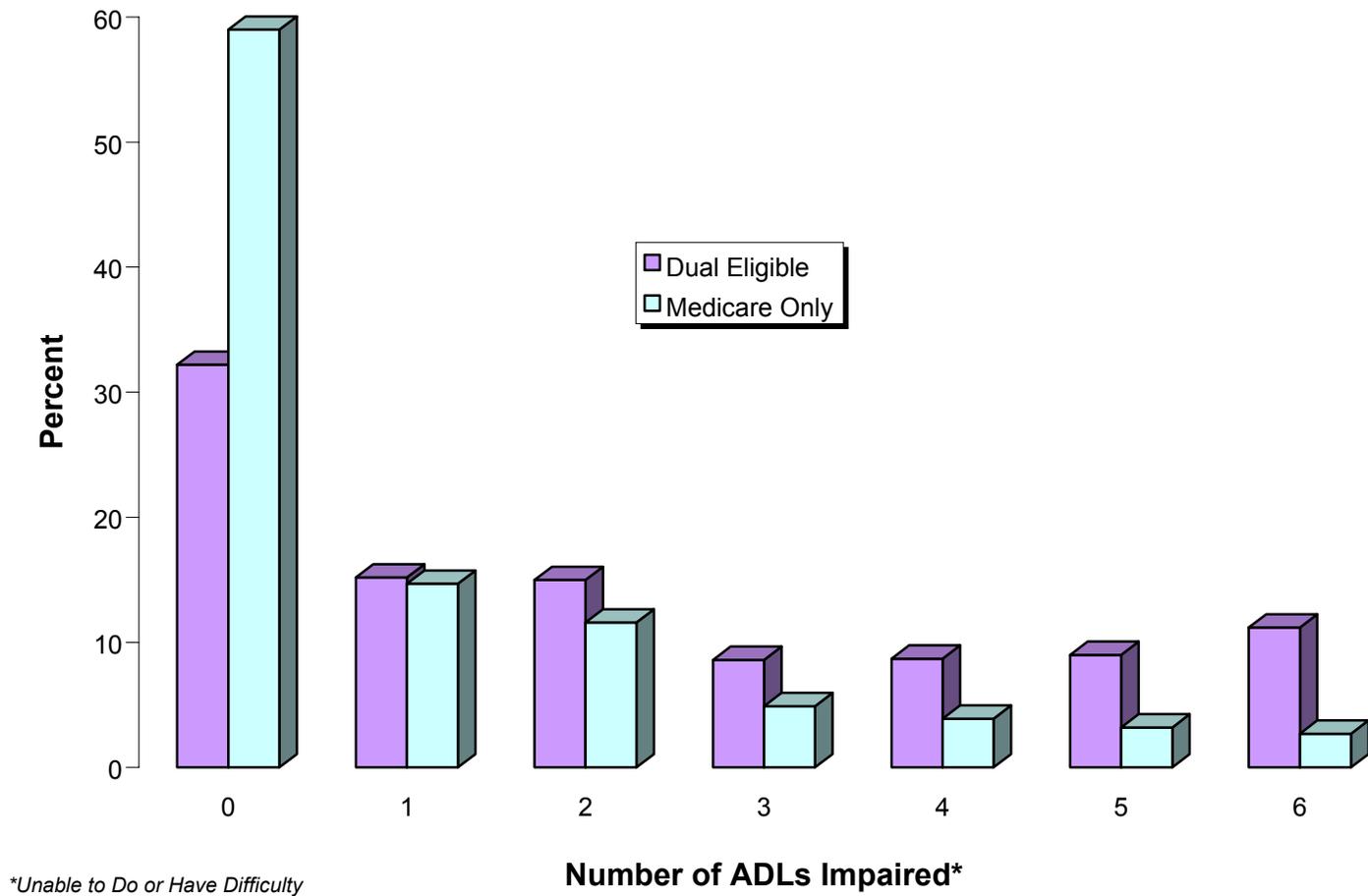
**Figure 6**  
**Cohort I Baseline**  
**Dual Eligible and Medicare Only Beneficiaries**  
**Smoking Behavior**



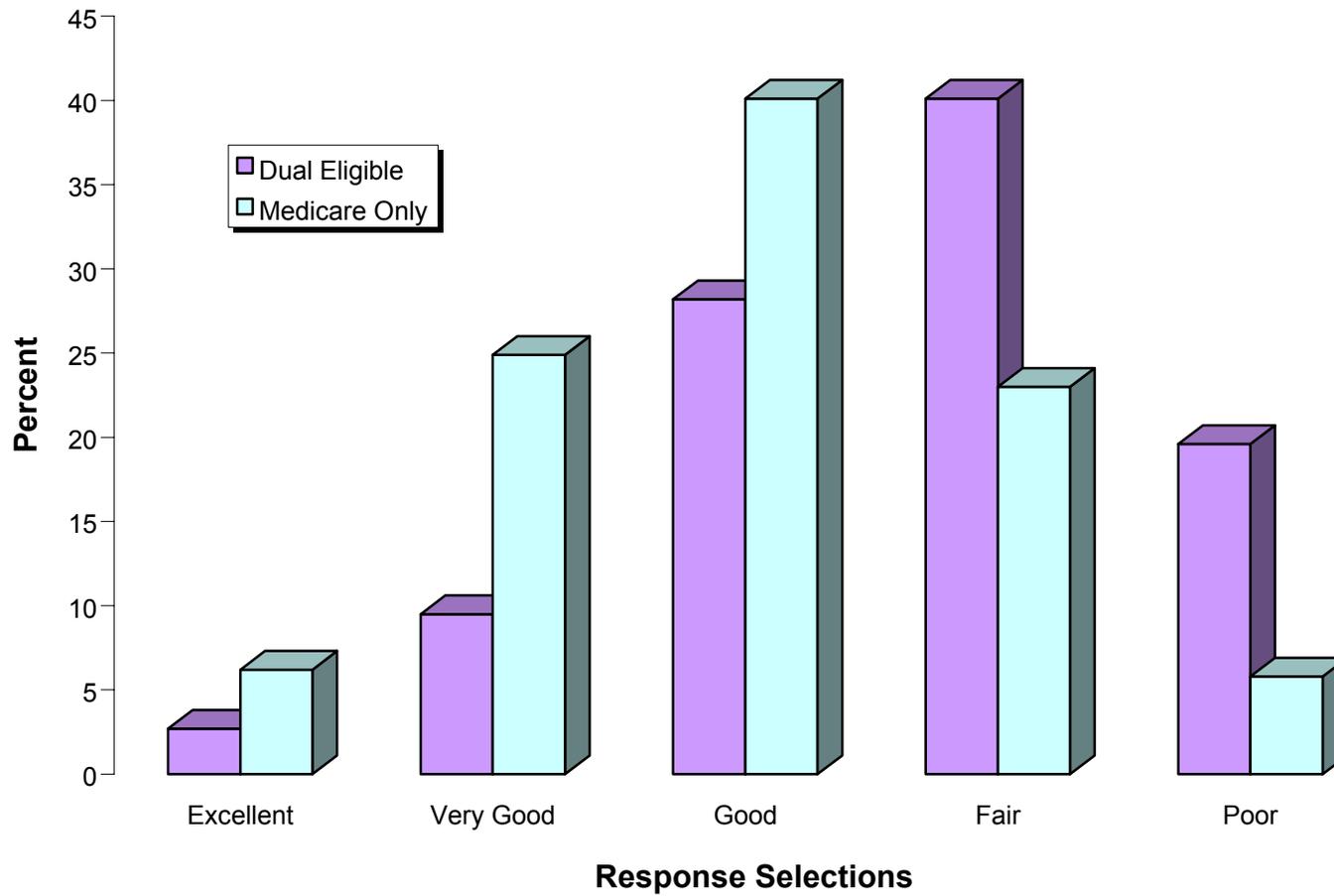
**Figure 7**  
***Cohort I Baseline***  
**Dual Eligible and Medicare Only Beneficiaries**  
**Type of ADLs**



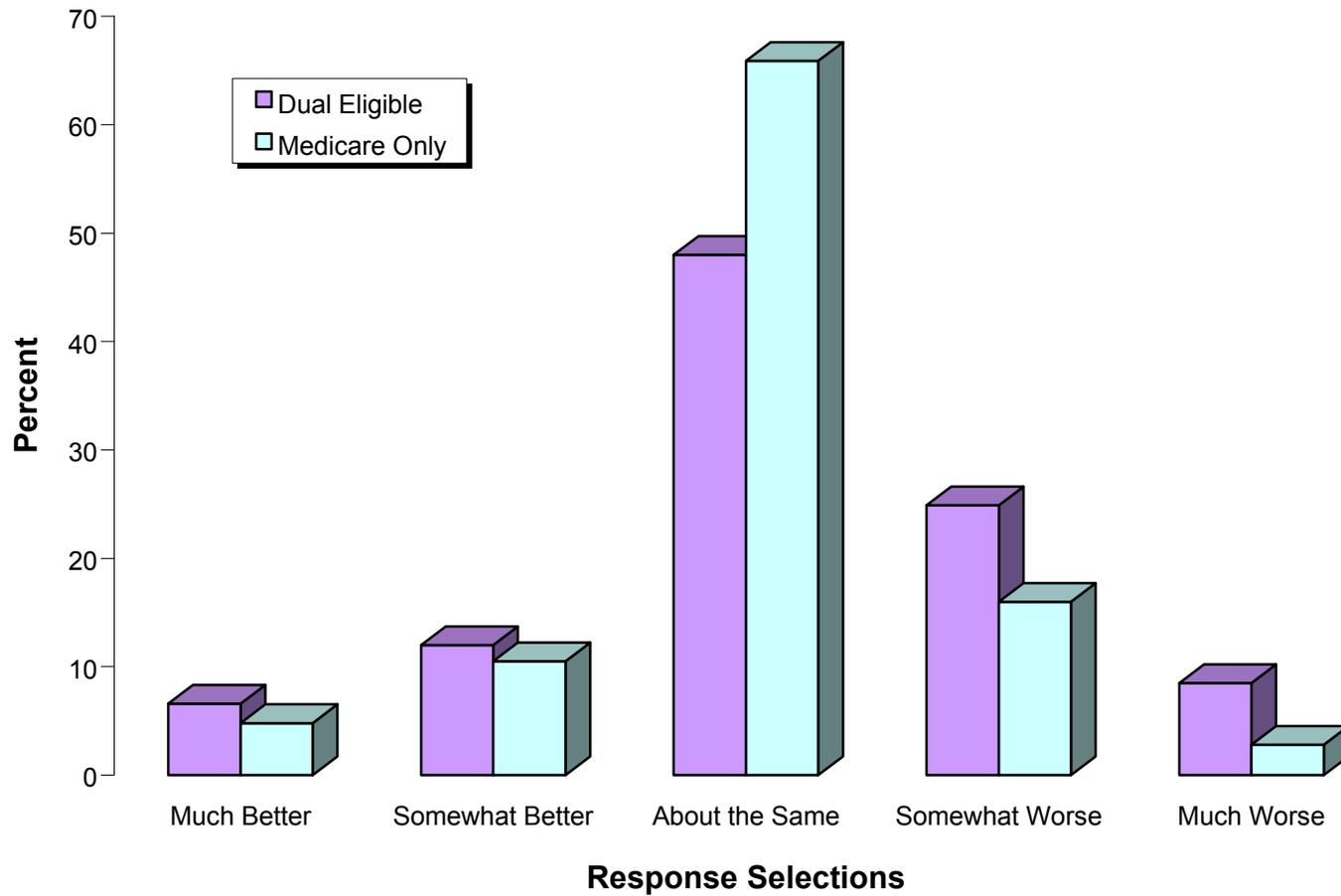
**Figure 8**  
**Cohort I Baseline**  
**Dual Eligible and Medicare Only Beneficiaries**  
**Number of ADLs Impaired**



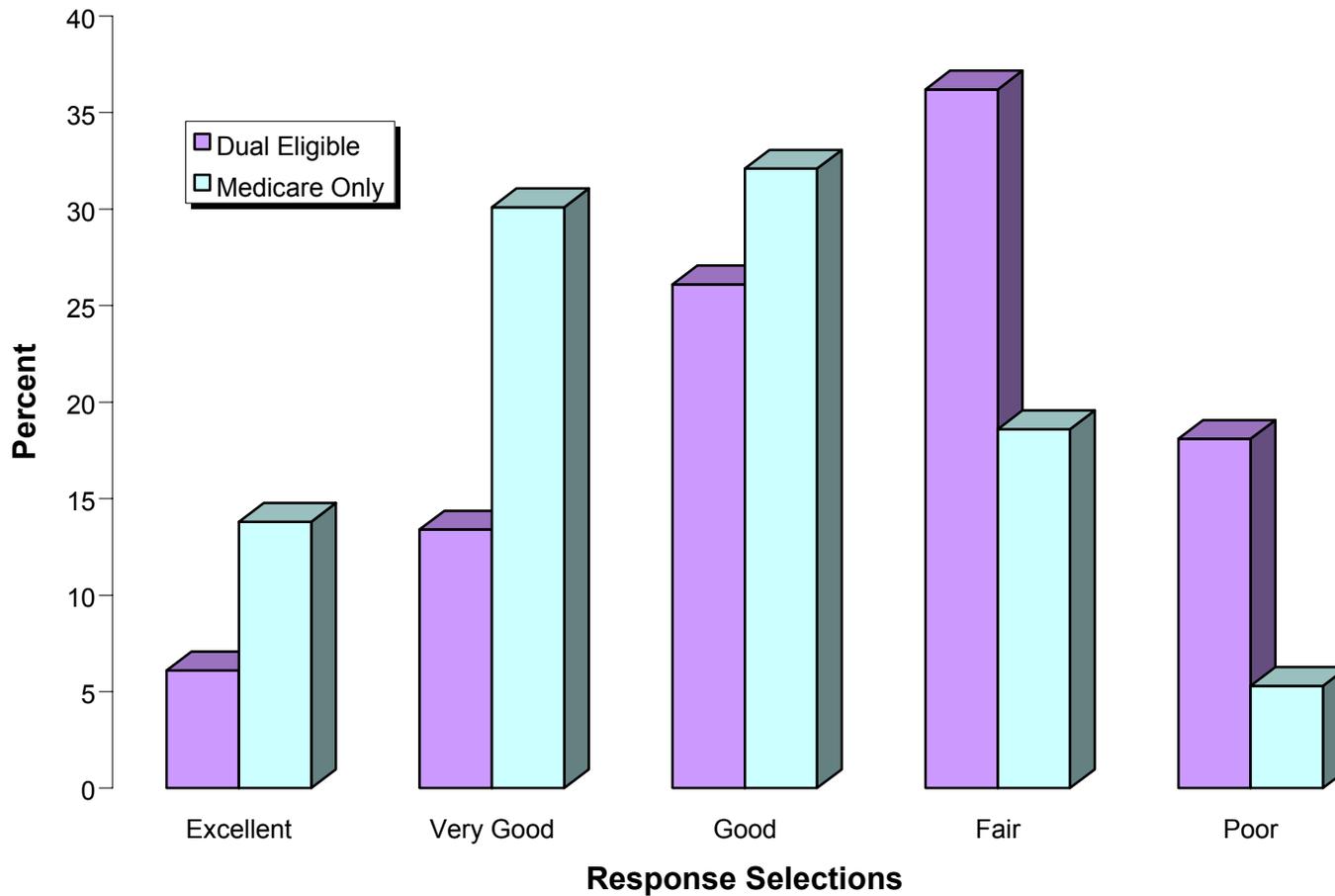
**Figure 9**  
**Cohort I Baseline**  
**Dual eligible and Medicare Only Beneficiaries**  
**In general, would you say your health is:**



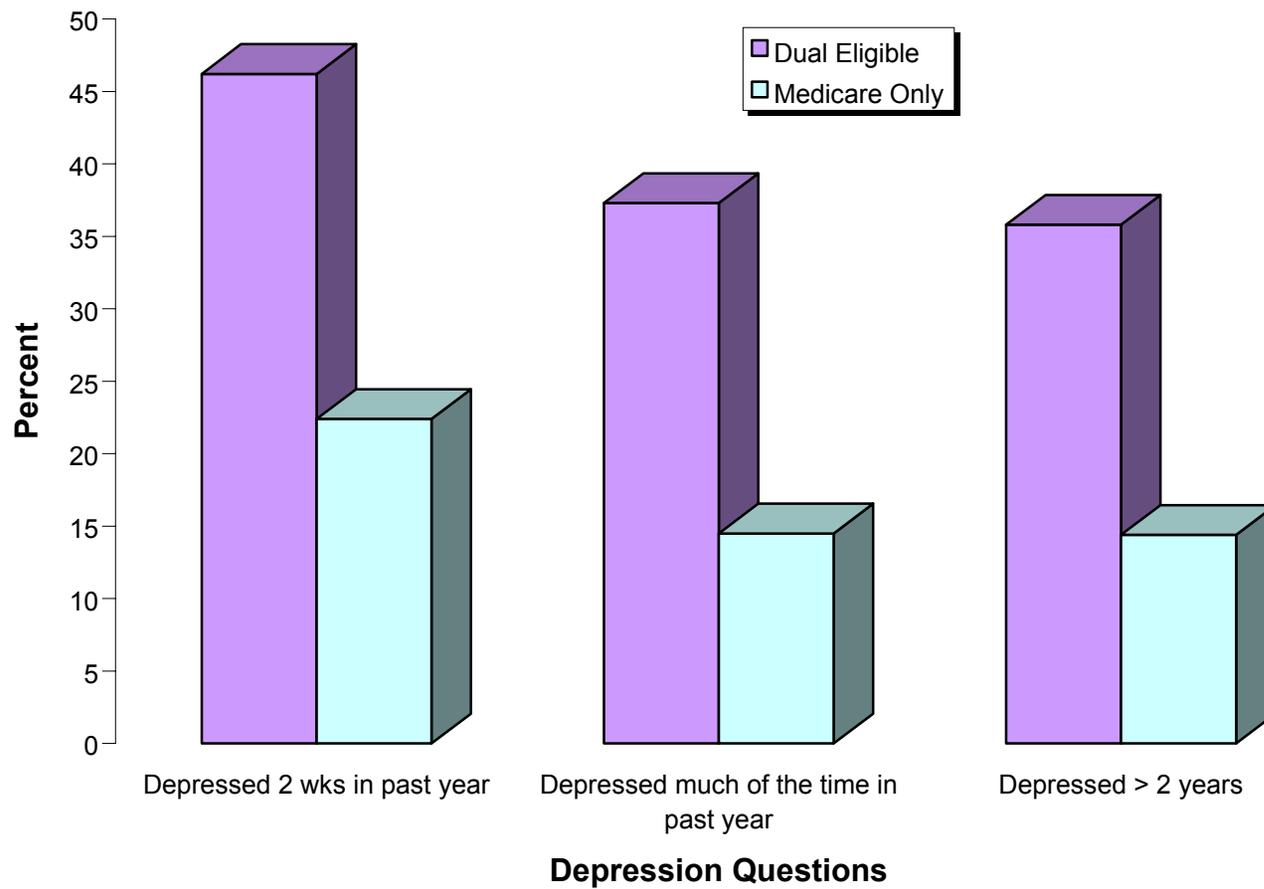
**Figure 10**  
***Cohort I Baseline***  
**Dual Eligible and Medicare Only Beneficiaries**  
**Compared to one year ago, how would you rate your health now?**



**Figure 11**  
**Cohort I Baseline**  
**Dual Eligible and Medicare Only Beneficiaries**  
**In general, compared to other people your age, would you say your health is:**



**Figure 12**  
**Cohort I Baseline**  
**Dual Eligible and Medicare Only Beneficiaries**  
**Affirmative Responses to Depression Questions**



**Figure 13**  
**Cohort I Baseline**  
**Dual Eligible and Medicare Only Beneficiaries**  
**SF-36® Scores**

