

## Focus Area 2. Arthritis, Osteoporosis, and Chronic Back Conditions

### Objective Data Summary

<i>Objective</i>	<i>Baseline</i>					<i>Target</i>
	<i>Year</i>	<i>Baseline</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2010</i>
<b>2-1. Increase the mean number of days without severe pain among adults who have chronic joint symptoms. (Developmental)</b>	DNC	DNC	---	---	---	---
<b>2-2. Reduce the proportion of adults with chronic joint symptoms who experience a limitation in activity due to arthritis (age adjusted, aged 18 years and older).</b>	1997	<sup>a</sup> 28%	26%	23%	27%	21%
Race						
American Indian or Alaska Native	1997	<sup>a</sup> 25%	34%	25%	20%	21%
Asian or Pacific Islander	1997	<sup>a</sup> 19%	18%	13%	19%	21%
Asian	1997	16%	18%	DSU	17%	21%
Native Hawaiian and other Pacific Islander	1997	DSU	DSU	DSU	DSU	21%
Black or African American	1997	32%	31%	31%	33%	21%
White	1997	27%	26%	23%	26%	21%
Ethnicity						
Hispanic or Latino*	1997	<sup>a</sup> 29%	28%	24%	30%	21%
Not Hispanic or Latino	1997	<sup>a</sup> 28%	26%	23%	27%	21%
Black or African American, not Hispanic or Latino	1997	<sup>a</sup> 33%	31%	31%	33%	21%
White, not Hispanic or Latino	1997	27%	26%	23%	26%	21%
Gender						
Female	1997	<sup>a</sup> 32%	30%	27%	31%	21%
Male	1997	<sup>a</sup> 23%	21%	19%	21%	21%
Family income level						
Poor	1997	36%	34%	30%	34%	21%
Near poor	1997	30%	31%	27%	30%	21%
Middle/high income	1997	<sup>a</sup> 25%	24%	22%	25%	21%
Education level (persons aged 25 years and over)						
Less than high school	1997	34%	34%	31%	37%	21%
High school graduate	1997	32%	31%	26%	30%	21%
At least some college	1997	26%	26%	23%	26%	21%

<i>Objective</i>	<i>Baseline</i>					<i>Target</i>
	<i>Year</i>	<i>Baseline</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2010</i>
Age groups (not age adjusted)						
18-44 years	1997	15%	13%	11%	14%	...
45-64 years	1997	36%	33%	31%	35%	...
65 years and older	1997	54%	57%	50%	53%	...
<b>2-3. Reduce the proportion of all adults with chronic joint symptoms who have difficulty in performing two or more personal care activities, thereby preserving independence (age adjusted, aged 18 years and older).</b>	1997	<sup>a</sup> 2.1%	2.1%	2.0%	2.2%	1.4%
Race						
American Indian or Alaska Native	1997	DSU	DSU	DSU	DSU	1.4%
Asian or Pacific Islander	1997	DSU	DSU	DSU	DSU	1.4%
Asian	1997	DSU	DSU	DSU	DSU	1.4%
Native Hawaiian and other Pacific Islander	1997	DSU	DSU	DSU	DSU	1.4%
Black or African American	1997	<sup>a</sup> 3.7%	3.3%	2.9%	5.0%	1.4%
White	1997	<sup>a</sup> 1.9%	1.9%	1.9%	1.9%	1.4%
Ethnicity						
Hispanic or Latino*	1997	<sup>a</sup> 3.8%	2.4%	2.7%	2.7%	1.4%
Not Hispanic or Latino	1997	1.9%	2.1%	2.0%	2.1%	1.4%
Black or African American, not Hispanic or Latino	1997	<sup>a</sup> 3.5%	3.3%	2.7%	4.9%	1.4%
White, not Hispanic or Latino	1997	<sup>a</sup> 1.8%	1.9%	1.9%	1.8%	1.4%
Gender						
Female	1997	<sup>a</sup> 2.3%	2.2%	2.3%	2.4%	1.4%
Male	1997	<sup>a</sup> 1.7%	1.8%	1.5%	1.8%	1.4%
Family income level						
Poor	1997	5.4%	3.8%	3.9%	4.4%	1.4%
Near poor	1997	2.4%	3.3%	2.9%	DSU	1.4%
Middle/high income	1997	<sup>a</sup> 1.0%	1.0%	1.2%	1.3%	1.4%
Education level (persons aged 25 years and over)						
Less than high school	1997	3.4%	2.8%	3.0%	3.4%	1.4%
High school graduate	1997	<sup>a</sup> 2.3%	2.2%	2.1%	1.8%	1.4%
At least some college	1997	1.4%	1.8%	1.7%	2.1%	1.4%
Age groups (not age adjusted)						
18-44 years	1997	1.1%	1.1%	1.1%	1.4%	...
45-64 years	1997	1.8%	1.8%	1.9%	2.1%	...
65 years and older	1997	5.5%	5.6%	4.7%	4.5%	...

Objective	Baseline					Target
	Year	Baseline	1998	1999	2000	2010
<b>2-4. Increase the proportion of adults aged 18 years and older with arthritis who seek help in coping if they experience personal and emotional problems. (Developmental)</b>	DNC	DNC	---	---	---	---
<b>2-5. Increase the employment rate among adults with arthritis in the working-aged population (age adjusted, aged 18 to 64 years).</b>	1997	67%	70%	70%	69%	78%
Race						
American Indian or Alaska Native	1997	<sup>a</sup> 52%	50%	DSU	46%	78%
Asian or Pacific Islander	1997	<sup>a</sup> 59%	68%	76%	61%	78%
Asian	1997	<sup>a</sup> 56%	64%	80%	67%	78%
Native Hawaiian and other Pacific Islander	1997	DSU	DSU	DSU	DSU	78%
Black or African American	1997	<sup>a</sup> 53%	59%	61%	62%	78%
White	1997	<sup>a</sup> 70%	71%	72%	70%	78%
Ethnicity						
Hispanic or Latino*	1997	<sup>a</sup> 59%	57%	66%	62%	78%
Not Hispanic or Latino	1997	<sup>a</sup> 68%	71%	71%	69%	78%
Black or African American, not Hispanic or Latino	1997	<sup>a</sup> 54%	59%	60%	61%	78%
White, not Hispanic or Latino	1997	<sup>a</sup> 71%	73%	72%	71%	78%
Gender						
Female	1997	<sup>a</sup> 61%	63%	65%	65%	78%
Male	1997	<sup>a</sup> 75%	77%	77%	73%	78%
Family income level						
Poor	1997	39%	32%	36%	38%	78%
Near poor	1997	<sup>a</sup> 55%	59%	60%	56%	78%
Middle/high income	1997	<sup>a</sup> 79%	80%	80%	79%	78%
Education level (persons aged 25 years and over)						
Less than high school	1997	<sup>a</sup> 46%	48%	50%	46%	78%
High school graduate	1997	<sup>a</sup> 64%	67%	66%	68%	78%
At least some college	1997	78%	78%	77%	75%	78%
Age groups (not age adjusted)						
18-44 years	1997	73%	75%	76%	74%	...
45-64 years	1997	58%	59%	60%	60%	...

<i>Objective</i>	<i>Baseline</i>					<i>Target</i>
	<i>Year</i>	<i>Baseline</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2010</i>
2-6. Eliminate racial differences in the rate of total knee replacements. (Developmental)	DNC	DNC	---	---	---	---
2-7. Increase the proportion of adults who have seen a health care provider for their chronic joint symptoms. (Developmental)	DNC	DNC	---	---	---	---
2-8. Increase the proportion of persons with arthritis who have had effective, evidence-based arthritis education as an integral part of the management of their condition. (Developmental)	DNC	DNC	---	---	---	---
2-9. Reduce the proportion of adults with osteoporosis (age adjusted, aged 50 years and older).	1988-94	10%	---	---	---	8%
Race						
American Indian or Alaska Native	1988-94	DSU	---	---	---	8%
Asian or Pacific Islander	1988-94	DSU	---	---	---	8%
Asian	1988-94	DNC	---	---	---	8%
Native Hawaiian and other Pacific Islander	1988-94	DNC	---	---	---	8%
Black or African American	1988-94	7%	---	---	---	8%
White	1988-94	10%	---	---	---	8%
Ethnicity						
Hispanic or Latino*	1988-94	DSU	---	---	---	8%
Mexican American	1988-94	10%	---	---	---	8%
Not Hispanic or Latino	1988-94	10%	---	---	---	8%
Black or African American, not Hispanic or Latino	1988-94	7%	---	---	---	8%
White, not Hispanic or Latino	1988-94	10%	---	---	---	8%
Gender						
Female	1988-94	16%	---	---	---	8%
Male	1988-94	3%	---	---	---	8%
Education level (persons aged 25 years and over)						
Less than high school	1988-94	11%	---	---	---	8%
High school graduate	1988-94	11%	---	---	---	8%
At least some college	1988-94	9%	---	---	---	8%

Objective	Baseline					Target
	Year	Baseline	1998	1999	2000	2010
<b>2-10. Reduce the proportion of adults who are hospitalized for vertebral fractures associated with osteoporosis (age adjusted per 10,000 standard population, aged 65 years and over)</b>	1998	17.5	...	17.3	---	14.0
Race						
American Indian or Alaska Native	1998	DSU	...	DSU	---	14.0
Asian or Pacific Islander	1998	DSU	...	DSU	---	14.0
Asian	1998	DNC	...	DNC	---	14.0
Native Hawaiian and other Pacific Islander	1998	DNC	...	DNC	---	14.0
Black or African American	1998	DSU	...	DSU	---	14.0
White	1998	14.0	...	15.5	---	14.0
Ethnicity						
Hispanic or Latino*	1998	DSU	...	DSU	---	14.0
Not Hispanic or Latino	1998	DSU	...	DSU	---	14.0
Black or African American, not Hispanic or Latino	1998	DSU	...	DSU	---	14.0
White, not Hispanic or Latino	1998	DSU	...	DSU	---	14.0
Gender						
Female	1998	19.6	...	21.3	---	14.0
Male	1998	13.9	...	11.2	---	14.0
Age groups (not age adjusted)						
Persons 65 to 74 years	1998	6.7	...	9.8	---	...
Persons 75 to 84 years	1998	26.0	...	17.4	---	...
Persons 85 years and older	1998	39.0	...	49.4	---	...
<b>2-11. Reduce activity limitation due to chronic back conditions (age adjusted per 1,000 standard population, aged 18 years and over).</b>	1997	32	30	30	26	25
Race						
American Indian or Alaska Native	1997	<sup>a</sup> 71	61	58	46	25
Asian or Pacific Islander	1997	18	14	14	12	25
Asian	1997	15	11	11	10	25
Native Hawaiian and other Pacific Islander	1997	DSU	DSU	DSU	DSU	25
Black or African American	1997	<sup>a</sup> 37	34	28	25	25
White	1997	<sup>a</sup> 32	30	31	27	25
Ethnicity						
Hispanic or Latino*	1997	<sup>a</sup> 29	25	23	20	25
Not Hispanic or Latino	1997	<sup>a</sup> 33	30	31	27	25
Black or African American, not Hispanic or Latino	1997	<sup>a</sup> 37	34	28	25	25

<b>Objective</b>	<b>Baseline Year</b>	<b>Baseline</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>Target 2010</b>
White, not Hispanic or Latino	1997	32	30	32	28	25

Objective	Baseline					Target
	Year	Baseline	1998	1999	2000	2010
Gender						
Female	1997	<sup>a</sup> 33	30	30	26	25
Male	1997	31	29	30	27	25
Family income level						
Poor	1997	<sup>a</sup> 78	70	73	58	25
Near poor	1997	<sup>a</sup> 54	54	54	47	25
Middle/high income	1997	<sup>a</sup> 25	24	25	20	25
Education level (persons aged 25 years and over)						
Less than high school	1997	<sup>a</sup> 55	55	56	49	25
High school graduate	1997	<sup>a</sup> 36	35	35	31	25
At least some college	1997	<sup>a</sup> 29	27	27	23	25
Age groups (not age adjusted)						
18-44 years	1997	19	17	16	15	...
45-64 years	1997	45	43	45	37	...
65 years and older	1997	47	44	48	43	...

<sup>a</sup>Baseline has been revised.

\*Can be of any race.

--- Data are not available.

... Category not applicable.

DNC Data for specific population are not collected.

DSU Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

Data may include revisions, and may differ from those previously shown.

The latest tracking data and precise operational definitions for the Healthy People 2010 objectives and Leading Health Indicators are available from the DATA2010 system online at: <http://wonder.cdc.gov/data2010>. This system is updated regularly.

Objective Number	Data Source
2-1	Potential: Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP; National Health Interview Survey (NHIS), CDC, NCHS.
2-2	National Health Interview Survey (NHIS), CDC, NCHS.
2-3	National Health Interview Survey (NHIS), CDC, NCHS.
2-4	Potential: National Health Interview Survey (NHIS), CDC, NCHS; Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP.
2-5	National Health Interview Survey (NHIS), CDC, NCHS.

<i>Objective</i>	<i>Baseline</i>					<i>Target</i>
	<i>Year</i>	<i>Baseline</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2010</i>
2-6		Potential: Medicare data, HCFA; National Hospital Discharge Survey (NHDS), CDC, NCHS; Hospital Cost and Utilization Project (HCUP), AHRQ.				
2-7		Potential: National Health Interview Survey (NHIS), CDC, NCHS.				
2-8		Potential: National Health Interview Survey (NHIS) CDC, NCHS; Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP.				
2-9		National Health and Nutrition Examination Survey (NHANES), CDC, NCHS.				
2-10		National Hospital Discharge Survey (NHDS), CDC, NCHS.				
2-11		National Health Interview Survey (NHIS), CDC, NCHS.				