

Healthy People 2010 Operational Definition

2-1. Reduce the mean level of joint pain among adults with doctor-diagnosed arthritis.

National Data Source	National Health Interview Survey (NHIS), CDC, NCHS.
State Data Source	Not identified.
Healthy People 2000 Objective	Not applicable.
Changes since the 2000 Publication	Revised text.
Measure	Mean pain level on a scale of 0 (no pain) – 10 (pain as bad as it can be); (age adjusted—see Comments).
Baseline (Year)	5.6 (2002)
Target	5.3
Target-Setting Method	Better than the best racial/ethnic subgroup. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Response on a scale of 0 – 10 among persons aged 18 years and older who report joint pain in the past 30 days.
Denominator	Number of persons aged 18 years and older with doctor-diagnosed arthritis who had joint pain in the past 30 days.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used To Obtain the National Baseline Data	From the 2002 National Health Interview Survey: [NUMERATOR:] <ul style="list-style-type: none">➤ <i>During the past 30 days, how bad was your joint pain on average? Please answer on a scale of 0 - 10 where 0 is no pain or aching and 10 is pain or aching as bad as it can be.</i> [Response categories:] 0 - 10

[DENOMINATOR:]

- *Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?*

[If yes:]

- *During the past 30 days, have you had any symptoms of pain, aching, or stiffness in or around a joint (excluding back and neck)?*

Expected Periodicity

Periodic.

Comments

The objective moved from developmental to measurable during the Healthy People 2010 Midcourse Review. The objective text was modified from the “mean number of days without severe pain among adults who have chronic joint pain” to the “mean level of joint pain among adults with doctor-diagnosed arthritis.”

Data are age adjusted to the 2000 standard population using age groups 18-44, 45-64, 65-74, and 75 years and over. Data by education status are age adjusted using the age groups 25-44, 45-64, 65-74, 75 and over. Age-adjusted percents are weighted sums of age-specific percents. For a discussion on age adjustment, see Part A, section 7.

For some objectives, data do not meet the criteria for statistical reliability, data quality, or confidentiality and have been suppressed. Information on suppression of data for the major Healthy People 2010 data systems has been published in a *Healthy People Statistical Note*.¹

See Part C for a description of NHIS and Appendix A for focus area contact information.

References

1. Klein, R.J.; Proctor, S.E.; Boudreault, M.A.; Turczyn, K.M. Healthy People 2010 Criteria for Data Suppression. *Statistical Notes* No. 24. Hyattsville, MD: National Center for Health Statistics. 2002.