## 26-3.    Reduce drug-induced deaths.

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| **National Data Source** | National Vital Statistics System -- Mortality (NVSS-M), CDC, NCHS. |
| **State Data Source** | National Vital Statistics System -- Mortality (NVSS-M), CDC, NCHS. |
| **Healthy People 2000 Objective** | Adapted from 4.3 (Substance Abuse: Alcohol and other Drugs). |
| **Changes since the 2000 Publication** | Revised baseline (see Comments). Revised target (see Comments). |
| **Measure** | Rate per 100,000 standard population (age adjusted-see Comments). |
| **Baseline (Year)** | 6.8 (1999) |
| **Target** | 1.2 |
| **Target-Setting Method** | Better than the best racial/ethnic subgroup. For a discussion of target-setting methods, see Part A, section 4. |
| **Numerator** | Number of deaths due to drug-induced causes (ICD-10 codes D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2-J70.4, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R78.1-R78.5, X40-X44, X60-X64, X85, Y10-Y14). |
| **Denominator** | Number of persons |
| **Population Targeted** | U.S. resident population. |
| **Questions Used To Obtain the National Baseline Data** | Not applicable. |

**Expected Periodicity**    Annual.

**Comments**    Drug-induced causes of death include not only deaths from dependent and nondependent use of drugs (legal and illegal use), but also poisoning from medically prescribed and other drugs. It excludes accidents, homicides, and other causes indirectly related to drug use. An in-depth description of the "drug-induced causes" classification was published by NCHS.[1]

The original baseline was revised from 6.3 deaths per 100,000 population to 6.8 per 100,000 due to changes in the International Classification of Diseases (ICD) system.  The original baseline (1998) was based on ICD-9 codes 292, 304, 305.2-305.9, E850-E858, E1100.0-E1100.5, E962.0, E980.0-E980.5.  The revised baseline (1999) is based on the ICD-10 system.  The baseline year for all Healthy People 2010 mortality objectives was changed to 1999 so that a consistent trend based on a single ICD classification scheme could be tracked throughout the decade.  See Part A, section 8 for a discussion of the International Classification of Diseases (ICD).  Information on comparability between ICD-9 and ICD-10 has been published by NCHS.[2]

The target was proportionally adjusted from 1.0 deaths per 100,000 population to 1.2 per 100,000 to reflect the revised baseline using the original target-setting method.

Data (except those by education status) are age adjusted to the 2000 standard population using the age groups under 1 year, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85 years and over. Data by education status are adjusted using the age groups 25-34, 35-44, 45-54, and 55-64. Age-adjusted rates are weighted sums of age-specific rates. For a discussion of age adjustment, see Part A, section 7.

This objective differs from Healthy People 2000 objective 4.3, which age adjusted the death rates using the 1940 standard population.

For some measures, 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.* [3]

See Part C for a description of NVSS-M and Appendix A for focus area contact information.

## References

1. Hoyert, D.L.; Arias, E.; Smith, B.L.; et al. Deaths: Final data for 1999. *National Vital Statistics Reports.* Vol 49 No 8. Hyattsville, MD: National Center for Health Statistics, 2001.

2. Anderson, R.N.; Minino, A.M.; Hoyert, D.L.; Rosenberg, H.M.; Comparability of cause of death between ICD-9 and ICD-10: Preliminary estimates. *National Vital Statistics Reports.* Vol. 49 No.2. Hyattsville, MD: National Center for Health Statistics, 2001.

3. 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.