Healthy People 2020: Who’s Leading the Leading Health Indicators?
**Who’s Leading the Leading Health Indicators?**

- **Featured Speakers:**
  
  **Susan Karol, MD**  
  Chief Medical Officer, HHS Indian Health Service

  **Irma E. Arispe, PhD**  
  Associate Director, Office of Analysis and Epidemiology, HHS National Center for Health Statistics

  **Novalene Goklish**  
  Program Coordinator, White Mountain Apache Tribe Suicide Prevention Program

  **Mary Cwik, PhD, MA**  
  Assistant Scientist, Johns Hopkins Bloomberg School of Public Health

- **Panelist:**
  
  **Richard McKeon, PhD, MPH**  
  Chief, Suicide Prevention Branch, HHS Substance Abuse and Mental Health Services Administration
Susan Karol, MD
Chief Medical Officer, HHS Indian Health Service
Leading Health Indicators: Mental Health

- Leading Health Indicators for mental health:
  
  - Suicides
  
  - Adolescents who experience major depressive episode (MDE)
Impact & Context: Mental Illness

- In 2004, an estimated 25% of adults in the United States reported having a mental illness in the previous year.

- Nearly half of adults in the United States will develop at least one mental illness during their lifetime.

- Mental Illness and Suicide
  - Risk factors:
    - Depression
    - Other mental disorders
    - Substance abuse disorders
Suicide was the tenth leading cause of death for all ages in 2010.

There were 38,364 suicides in 2010 in the United States--an average of 105 each day.

Suicide is the third leading cause of death among persons aged 15-24 years.

In 2010, the suicide rate among American Indian/Alaska Native adolescents and young adults ages 15 to 34 was about 50 percent higher than the national rate for that age group.
Irma Arispe, PhD
Associate Director, Office of Analysis and Epidemiology, CDC’s National Center for Health Statistics
Suicides by Age, 2010

Age

12-17

18-24

25-44

45-64

65+

Rate per 100,000

NOTE: Data are for ICD-10 codes *U03, X60-X84, Y87.0 reported as underlying cause.
SOURCE: National Vital Statistics System-Mortality (NVSS-M), CDC/NCHS.
Suicides by Race/Ethnicity, 2000–2010

Rate per 100,000 (age-adjusted)

HP2020 Target: 10.2

NOTE: Data are for ICD-10 codes *U03, X60-X84, Y87.0 reported as underlying cause. American Indian includes Alaska Native. Asian includes Pacific Islander. The categories black and white exclude persons of Hispanic origin. Persons of Hispanic origin may be any race. Data are age adjusted to the 2000 standard population.

SOURCE: National Vital Statistics System-Mortality (NVSS-M), CDC/NCHS.
Suicide Attempts among Adolescents, 2011

NOTE: Data are for students in grades 9 through 12 who reported making suicide attempts that required medical attention in the past 12 months. American Indian includes Alaska Native. Native Hawaiian includes other Pacific Islander. The categories black and white exclude persons of Hispanic origin. Persons of Hispanic origin may be any race.

SOURCE: Youth Risk Behavior Surveillance System (YRBSS), CDC/NCHHSTP.
Suicide Prevention for Native Youth

Novalene Goklish & Mary Cwik
Question & Answer Session

Please take a moment to fill out our brief survey.
Suicides by Sex, 2000–2010

Rate per 100,000 (age-adjusted)

25
20
15
10
5
0

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010

Male

Total

Female

HP2020 Target: 10.2

NOTE: Data are for ICD-10 codes *U03, X60-X84, Y87.0 reported as underlying cause. Data are age adjusted to the 2000 standard population. SOURCE: National Vital Statistics System-Mortality (NVSS-M), CDC/NCHS.
NOTE: Data are for adolescents aged 12-17 years who reported having a Major Depressive Episode (MDE) in the past 12 months. American Indian includes Alaska Native. Native Hawaiian includes other Pacific Islander. The categories black and white exclude persons of Hispanic origin. Persons of Hispanic origin may be any race.

SOURCE: National Survey on Drug Use and Health (NSDUH), SAMHSA.
Stay Connected

- Get the updated data and read implementation stories, visit [www.healthypeople.gov](http://www.healthypeople.gov).

- To receive the latest information about Healthy People 2020 and related events, visit our website to:
  - Join the Healthy People 2020 Consortium
  - Submit your LHI story at healthypeople.gov

Follow us on Twitter @gohealthypeople

Join our Healthy People 2020 group on LinkedIn