

Board of Scientific Counselors



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Director, NCHS

December 4, 2018

ADMINISTRATIVE AND BUDGET UPDATES



Budget Update

- **Our FY 2019 Final enacted budget is \$160,397,000, which is level with FY 2018.**
 - Includes funds for administrative and business services as part of the CDC Working Capital Fund
 - The Senate Committee recommended \$161,397,000
 - The House Committee recommended \$160,397,000
- **Staff are currently working the FY 2020 Budget Request**

Federal Data Strategy

- **A coordinated approach to federal data use and management that services the public**
- **Will define Principles, Practices, and a Year 1 Action**
- **Four areas for exploration:**
 - Enterprise DataGovernance
 - Access, Use, and Augmentation
 - Decision Making & Accountability
 - Commercialization, Innovation, and Public Use

Federal Data Strategy: Principles

- Ethical Governance
 - Uphold Ethics
 - Exercise Responsibility
 - Promote Transparency
- Conscious Design
 - Ensure Relevance
 - Harness Existing Data
 - Anticipate Future Uses
 - Demonstrate Responsiveness
- Learning Culture
 - Invest in Learning
 - Develop Data Leaders
 - Practice Accountability

Federal Data Strategy

The *Leveraging Data as a Strategic Asset* CAP Goal will deliver a Comprehensive Federal Data Strategy through two parallel and iterative work streams. These coordinated work streams will work hand in hand to provide a long-term strategic plan for data management across the Federal Government.

Federal Data Strategy Development: Principles, Practices, and Action Plan

WORK STREAM 1



July 2018

- Draft Principles
- Call for Best Practices



October 2018

- Principles
- Draft Practices



January 2019

- Federal Data Strategy (Principles and Practices)
- Draft Year 1 Action Plan



April 2019

- Year 1 Action Plan

The Data Incubator Project: Use Cases and Playbook

WORK STREAM 2



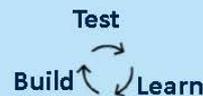
July 2018

- Call for Use Cases



October 2018

- Use Case List



January 2019

Incubation of Selected Use Cases



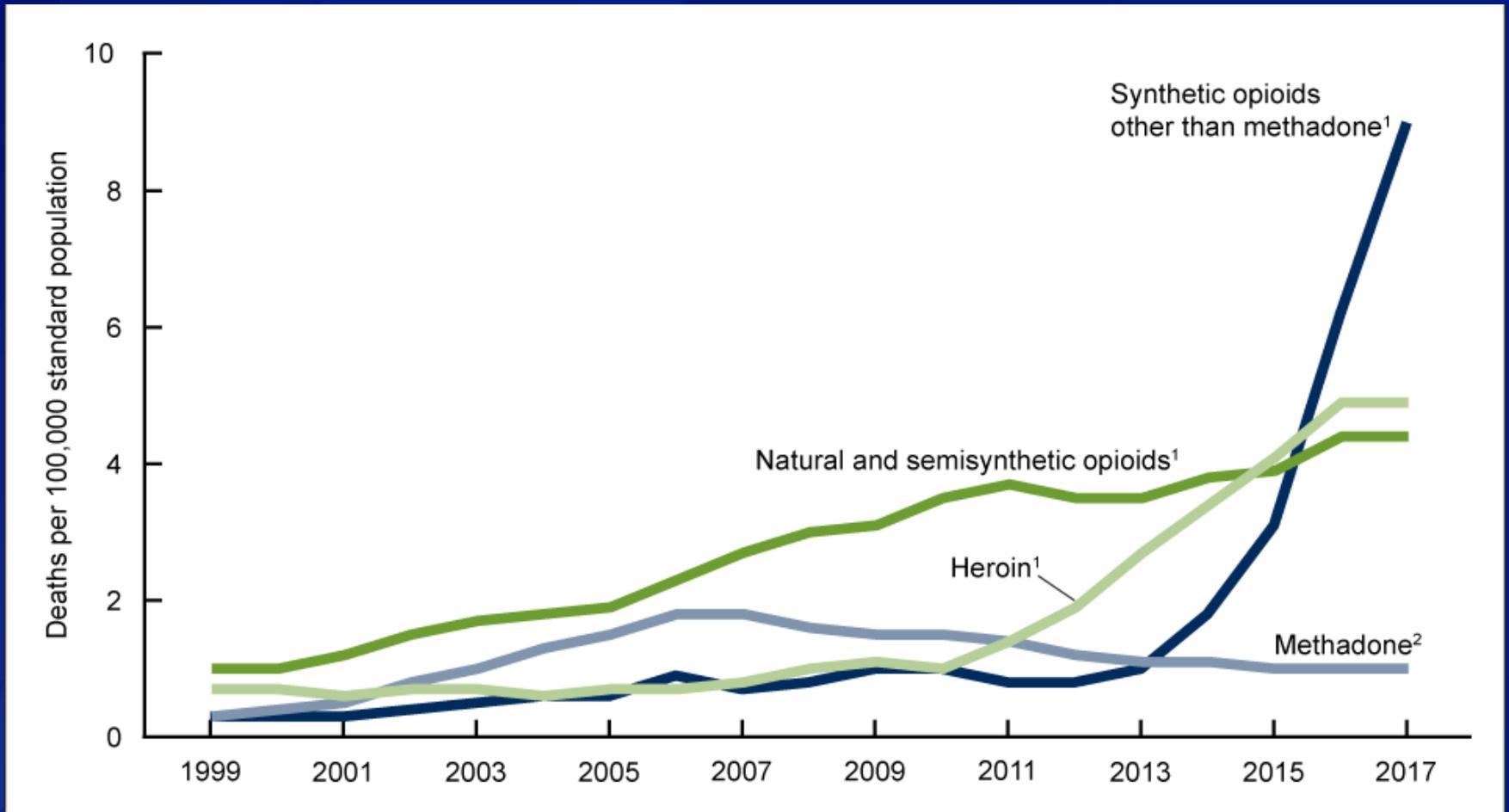
April 2019

- Data Incubator Playbook

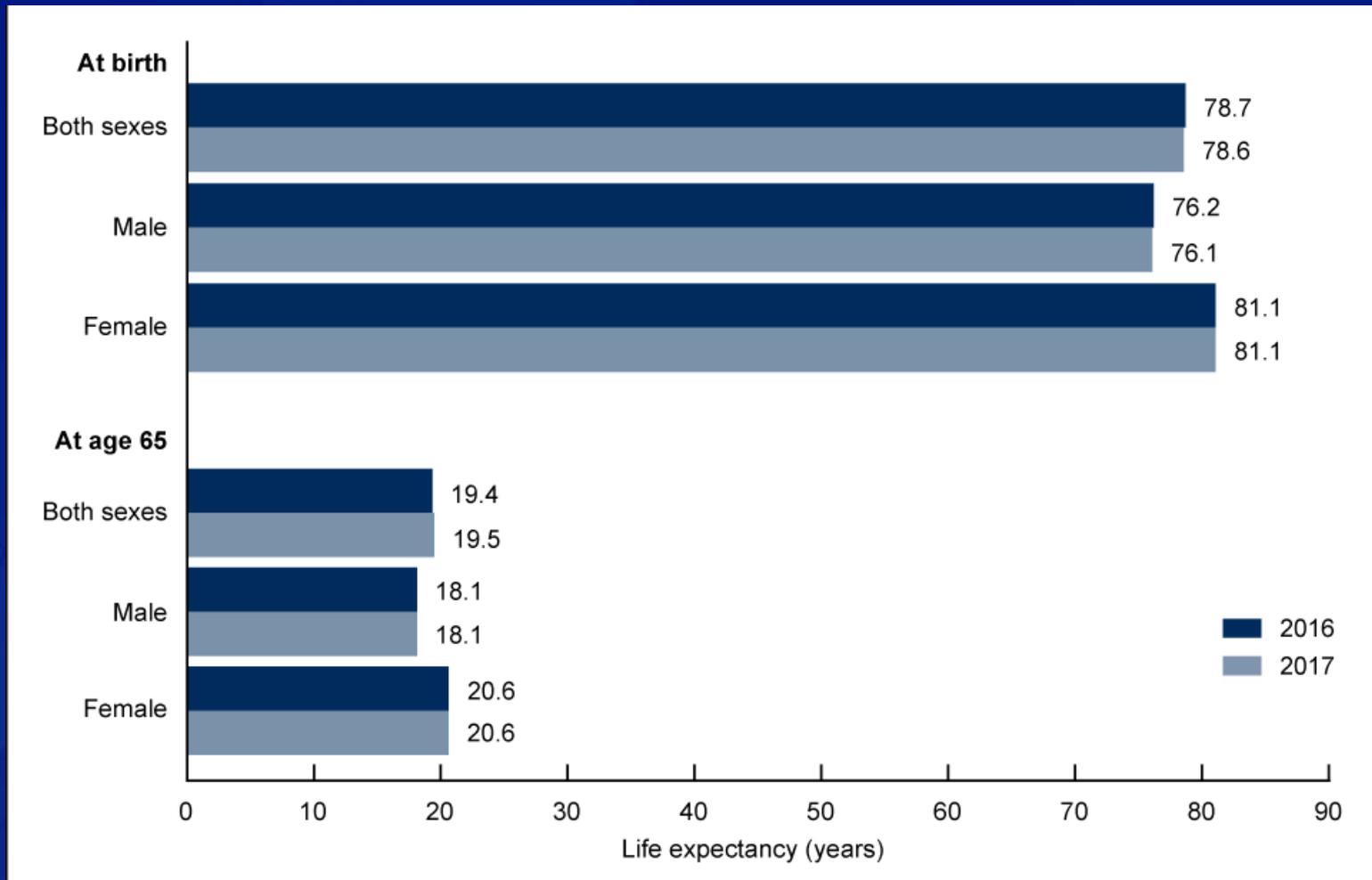
PROGRAM UPDATES



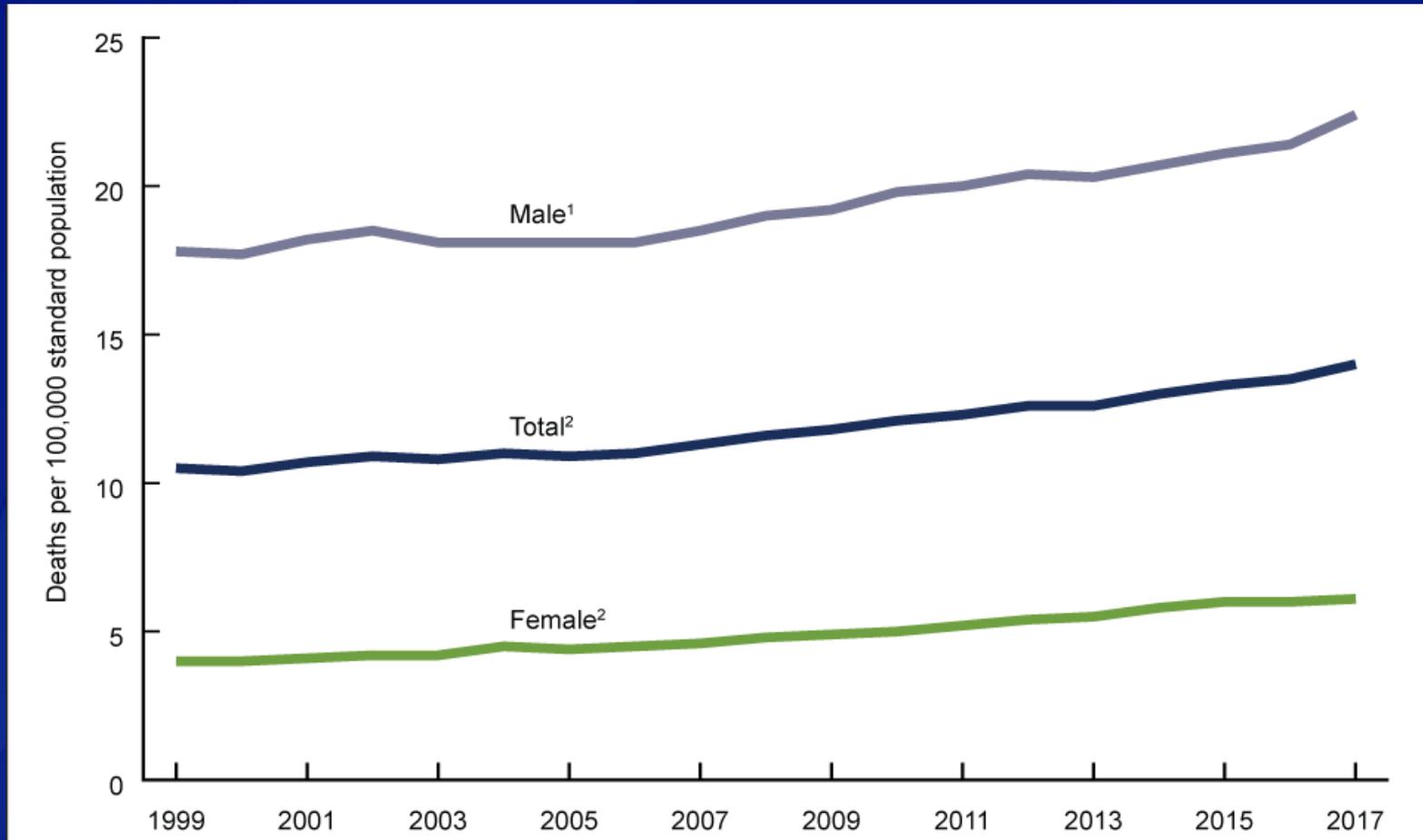
Age-Adjusted Drug Overdose Death Rates, by Opioid Category: United States, 1999-2017



Life Expectancy at Selected Ages, by Sex: United States, 2016 and 2017



Age-Adjusted Suicide Rates, by Sex: United States, 1999-2017



National Health Interview Survey

- Redesigned questionnaire went into the field in October
- Stephen will provide details on how it has been received in the field

National Health and Nutrition Examination Survey (NHANES)

- **NHANES 2019-2020 officially started on November 29, 2018**
 - **Approval from OMB earlier than previous cycles**
- **NHANES 2023**
 - **Work continues evaluating options for the future designs**
- **Current Division Priorities**
 - **Nonresponse bias analysis**
 - **Release of NHANES 2011-14 Accelerometer data**
 - **Fill vacancies**

DHCS: Update

- **Continued Development of Healthcare Electronic Health Record (HEHR) system for NAMCS and NHCS**
 - *DHCS continues to work with ITSO, OCISO and contractor staff to implement the HEHR system, which will collect, process and store electronic health record data collected for the National Ambulatory Medical Care Survey and the National Hospital Care Survey.*
- **National Health Care Surveys registration web portal**
 - *The registration web portal where providers and hospitals can continue to register for the Merit-Based Incentive Payment System (MIPS) and EHR Incentive Programs (Promoting Interoperability, formerly Meaningful Use) went live in September 2018*

DHCS: Update

- **2014 and 2016 National Hospital Care Survey data have been linked to the National Death Index (NDI) and CMS data:**
 - 2014 NHCS--2014/2015 NDI released February 2018 in NCHS RDC
 - 2016 NHCS--2016/2017 NDI file forthcoming December, 2018
 - 2014 NHCS--2014/2015 CMS file forthcoming December, 2018
- **Linked NHCS-NDI data will allow for the examination of post-discharge mortality.**
- **Linked NHCS-CMS data will allow for examination of chronic conditions and coverage including dual eligibility.**
- **Carol DeFrances will give a more in-depth update on EHR data collection later on tomorrow.**

DHCS: Update

- **NSLTCP 3rd wave (2015-2016)**
 - Plan to publish Series 3 report and state web tables across 5 sectors in January 2019
- **NSLTCP 4th wave (2017-2018, survey redesign)**
 - First time person-level sampling and data collection
 - Survey data collection on adult day and residential care sectors, started July 2018 and ending January 2019
- **NSLTCP 5th wave (2019-2020)**
 - New partnership with Administration for Community Living/ Administration on Aging to collect data for residential care survey
- **Lauren Harris-Kojetin will provide an in-depth update later today**

NCHS Publications

- **TOTAL Publications: 59 (July 2018 – November 2018)**
 - Early Releases: 4
 - E-Stat: 6
 - Health, US: 1
 - Reports: 13
 - Rapid Release: 1
 - Data Briefs: 17
 - Data Visualizations: 11
 - Web Tables: 4
 - Public Use Files: 2
 - Mortality in the US 2017
 - Births in the US 2017

NCHS Data Brief ■ No. 323 ■ October 2018

Trends in Fertility and Mother's Age at First Birth Among Rural and Metropolitan Counties: United States, 2007–2017

Danielle M. Ely, Ph.D., and Brady E. Hamilton, Ph.D.

Key findings

Data from the National Vital Statistics System

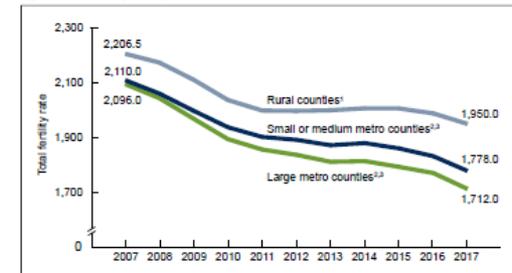
- During 2007–2017, total fertility rates in the United States fell for rural and metropolitan counties: 12% in rural, 16% in small or medium metro, and 18% in large metro counties.
- Rural counties had higher total fertility rates for each year from 2007 through 2017 compared with small or medium and large metro counties.
- During 2007–2017, the mean age of mothers at first birth rose by 1.3 (rural), 1.5 (small or medium metro), and 1.8 years (large metro).
- For all years, the mean age of mothers at first birth was lower in rural counties compared with metro counties.
- Downward trends in total fertility rates and increases in mean maternal age over time occurred in rural and metro counties for each selected race and Hispanic-origin group.

Since the most recent peak in the total fertility rate (the estimated number of lifetime births expected per 1,000 women) in 2007, the United States has experienced a decreasing total fertility rate and an increasing mean, or average, age of mothers at first birth (1–4). Previous research shows rural areas have persistently higher fertility and worse birth outcomes compared with metropolitan (metro) areas (2,5–8). This report describes trends and differences in total fertility rates and mean maternal age at first birth overall, and by race and Hispanic origin, between rural and small or medium metro, and rural and large metro counties, from 2007 through 2017.

Keywords: race and Hispanic origin • National Vital Statistics System

From 2007 through 2017, total fertility rates declined for each urbanization level, but differences between rural and metro counties widened.

Figure 1. Total fertility rate, by urbanization level: United States, 2007–2017



*Significant decreasing trend for 2007–2011 ($p < 0.05$); stable trend for 2011–2017.
†Significant decreasing trend for 2007–2017 ($p < 0.05$).

²Significant difference in rate compared with rural counties for all years ($p < 0.05$).
NOTES: Total fertility rate is based on births per 1,000 women in a specified area. County designation is based on mother's county of residence. County classification is based on the 2000 and 2013 NCHS Urban–Rural Classification Scheme for Counties. Access data table for Figure 1 at https://www.nchs.gov/nchs/data/databriefs/db323_table-508.pdf#1.
SOURCE: NCHS, National Vital Statistics System, 2007–2017.



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics



NCHS Data Briefs

- **Attempts to Lose Weight Among Adults in the United States, 2013–2016**
- **Trends in Liver Cancer Mortality Among Adults Aged 25 and Over in the United States, 2000–2016**
- **High-deductible Health Plan Enrollment Among Adults Aged 18–64 With Employment-based Insurance Coverage**
- **Beverage Consumption Among Youth in the United States, 2013–2016**
- **Prevalence of Total, Diagnosed, and Undiagnosed Diabetes Among Adults: United States, 2013–2016**
- **Fast food Consumption Among Adults in the United States, 2013–2016**
- **Trends in Fertility and Mother's Age at First Birth Among Rural and Metropolitan Counties: United States, 2007–2017**
- **Use of Yoga, Meditation, and Chiropractors Among U.S. Children Aged 4–17 Years and Use of Yoga, Meditation, and Chiropractors Among U.S. Adults Aged 18 and Over**

NCHS Reports

- **Health Insurance Coverage: Early Release of Estimates From the National Health Interview Survey, January–March 2018 and January–June 2018**
- **U.S. Small-area Life Expectancy Estimates Project: Methodology and Results Summary**
- **Health, United States, 2017**
- **Chronic School Absenteeism Among Children with Selected Developmental Disabilities: National Health Interview Survey, 2014-2016**

TIME

NCHS in the News

About Half of Americans Say They're Trying to Lose Weight

Here's how much fast food Americans are eating



By [Jacqueline Howard](#), CNN
Updated 1:26 PM ET, Wed October 3, 2018

Forbes

Yoga And Meditation Continue To Gain Popularity In The U.S.



Alice G. Walton Contributor
Healthcare
I cover health, medicine, psychology and neuroscience.



U.S. News & World Report

As Fertility Rates Fall in U.S., Gap Widens Between Rural and Urban Counties

A new CDC report also shows the average age at which women become mothers has risen in communities across the country.

The Washington Post

Two places in Maryland where people can expect to live longer, on average, than almost anywhere else in the U.S.



WISCONSIN PUBLIC RADIO
Wisconsin and the World. **npr**



Morgan Barnett, 7, drinks from containers of one percent milk and chocolate milk during lunch at the Four Seasons Elementary School in St. Paul, Minn., Thursday, June 29, 2006. *Eric Miller/AP Photo*

National Study: Water, Milk What Children Drink Most

Sugar-Sweetened Beverages Still Popular In Wisconsin And US Despite Health Campaigns

NCHS in the News



U.S. Drug Overdose Deaths Set a Record in 2017

Fentanyl and similar synthetic opioids are driving the deadly drug epidemic.

The New York Times

Suicide, at 50-Year Peak, Pushes Down US Life Expectancy

By The Associated Press

The Washington Post

Health & Science

U.S. life expectancy declines again, a dismal trend not seen since World War I

CDC: US life expectancy drops, suicides rise

Newsroom 

Life expectancy in the United States declined from 2016 to 2017, yet the 10 leading causes of death remained the same, according to three recent government reports. Increasing deaths due to drug overdoses and suicides explain this slight downtick in life expectancy, the US Centers for Disease Control says. [Source: CNN](#)

Thank you

