# 2025 Dietary Guidelines Advisory Committee: Meeting 1

Janet de Jesus, MS, RD Designated Federal Officer







- HHS and USDA leadership remarks
- Scientific Questions to be examined by the Committee
- DietaryGuidelines.gov and Opportunities for public engagement







# **Opening Remarks**

Rachel L. Levine, MD Assistant Secretary for Health Admiral, U.S. Public Health Service Office of the Assistant Secretary for Health U.S. Department of Health and Human Services







# **Opening Remarks**

Stacy Dean Deputy Under Secretary Food, Nutrition and Consumer Services U.S. Department of Agriculture





## Proposed Scientific Questions to be Examined by the Committee

Janet de Jesus, MS, RD

**Designated Federal Officer** 

Office of Disease Prevention and Health Promotion

Office of the Assistant Secretary for Health

U.S. Department of Health and Human Services

February 10<sup>th</sup>, 2023







### Overview

- Scientific Question Identification
- Question Development
   Process
- Proposed Scientific Questions
- Refining and Prioritizing the Questions





## **Scientific Question Identification**

- HHS and USDA conducted a yearlong process to gather information, receive input from federal experts, and review relevant documents to develop scientific questions
- Departments proposed scientific questions and posted them for public comment
  - April 15–May 16, 2022—received over 1,400 public comments

### **Criteria:**

- 1. Relevance
- 2. Importance to public health
- 3. Potential federal impact on food and nutrition programs
- 4. Avoiding duplication of federal efforts



Noted that research availability will be conducted by NESR to inform Committee prioritization.





## **Question Development Process**



2020 Dietary Guidelines Advisory Committee Systematic Review Questions

DietaryGuidelines.go

2020 Advisory Committee Recommendations for Future Committees

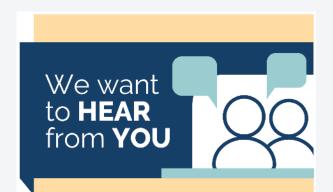


NESR Continuous Evidence Monitoring and Evidence Scans



## **Public Comments**

- HHS and USDA accepted written public comments on the scientific questions from April 15 – May 16, 2022
- 1,443 submissions were received
  - 674 unique submissions
  - 4 form letter campaigns (747 submissions)
- Common submission topics:
  - Health equity
  - Policy, systems, and environmental strategies
  - Ultra-processed foods
  - Alcoholic beverages
  - Sustainability
  - Low-carbohydrate diet



#### **Scientific questions for:** Dietary Guidelines for Americans, 2025-2030





## Federal Expert Review and Input on Scientific Scope

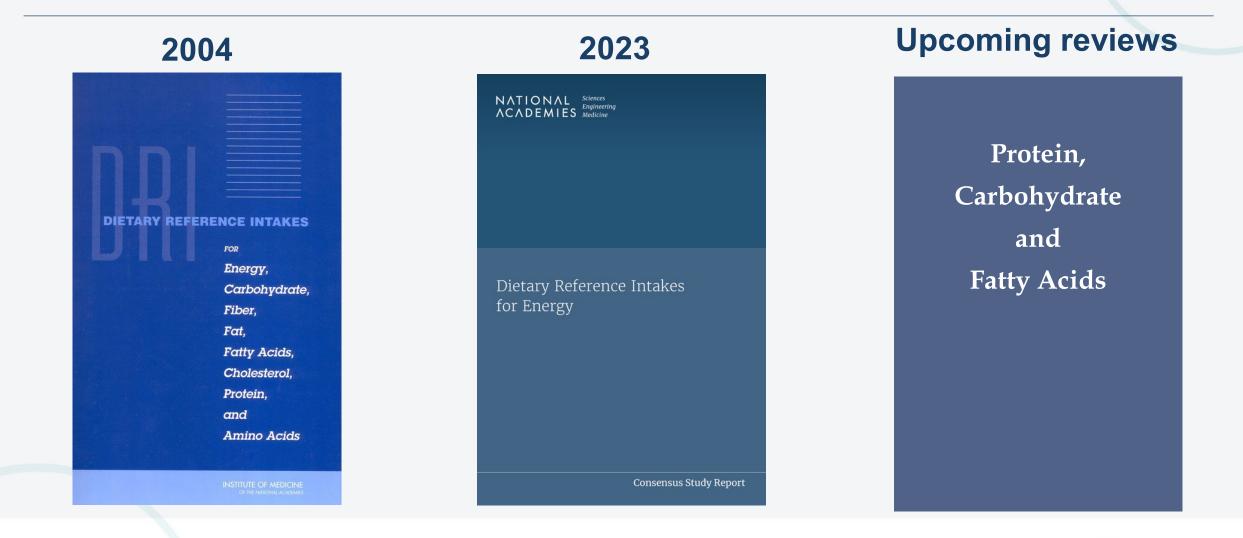
- Interagency Committee on Human Nutrition Research (ICHNR), Dietary Guidance Subcommittee
- Expert group on overweight and obesity
- NIH Nutrition and Health Disparities Implementation
   Working Group
- Federal Data Analysis Team
- CNPP/ODPHP staff who provide continuous support to *Dietary Guidelines* development and implementation, NESR staff, and food pattern modeling staff







## Dietary Guidelines integrate DRIs for nutrients





National Academies of Sciences, Engineering, and Medicine. 2023. *Dietary Reference Intakes for Energy*. Washington, DC: The National Academies Press. https://doi.org/10.17226/26818.



## **Proposed Scientific Questions**



### **Scientific Topics**

- Dietary patterns
- Ultra-processed foods
- Beverages
- Added sugars
- Saturated fat
- Behavioral strategies
- Weight management



### Health Outcomes

- Overweight and obesity
- Cardiovascular disease
- Type 2 diabetes
- Cancer
- Neurocognitive health
- Sarcopenia
- Bone health
- All-cause mortality
- Pregnancy and infant health outcomes



### Approaches

- Systematic Reviews
- Data Analysis
- Food pattern modeling



## **Proposed Scientific Questions**

Systematic Reviews	Food Pattern Modeling	Data Analysis 🔟
Dietary Patterns Across Life Stages	Changes to USA Dietary Patterns	For each stage of life, the following will be described/evaluated:

#### Specific Dietary Pattern Components

- Complementary Foods and Beverages
- o Beverages
- Ultra-Processed Foods
- Food sources of added Sugars
- Food sources of saturated Fat

Strategies for Individuals and Families Related to Diet Quality & Weight Management Based on:

- Findings from systematic reviews, data analysis, and/or food pattern modeling analyses
- Population norms ,preferences, or needs of the diverse individuals and cultural foodways within the U.S. population

 Current dietary patterns and beverage consumption

- Current intake of food groups and nutrients
- Nutrients of public health concern
- Prevalence of nutrition-related chronic health conditions





# **Dietary Patterns Across Life Stages**



- What is the relationship between dietary patterns consumed and:
  - 1. growth, size, body composition, and risk of overweight and obesity, and weight loss and maintenance?
  - 2. risk of cardiovascular disease?
  - 3. risk of type 2 diabetes?
  - 4. risk of certain types of cancer (breast, colorectal, prostate?
  - 5. risk of cognitive decline, mild cognitive impairment, dementia, and Alzheimer's disease?
  - 6. risk of sarcopenia?
  - 7. bone health?
  - 8. all-cause mortality?
- What is the relationship between consumption of dietary patterns with varying amounts of ultraprocessed foods and growth, size, body composition, risk of overweight and obesity, and weight loss and maintenance?



14





## **Dietary Patterns: Pregnancy and Lactation**

- What is the relationship between dietary patterns consumed during pregnancy and:
  - $\circ$  risk of gestational diabetes?
  - o risk of hypertensive disorders during pregnancy?
  - o gestational age at birth?
  - $_{\odot}$  birth weight standardized for gestational age and sex?
- What is the relationship between dietary patterns consumed before and during pregnancy and lactation and developmental milestones, including neurocognitive development, in the child?



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# **Specific Dietary Pattern Components**

### **Complementary Foods and Beverages**

- What is the relationship between 1) timing of introduction, and 2) types and amounts of complementary foods and beverages and:
  - o growth, size, body composition, and risk of overweight and obesity?
  - o iron and zinc status?

### **Beverages**

- What is the relationship between beverage consumption (beverage patterns, dairy milk and milk alternatives, 100% juice, low- or no-calorie sweetened beverages, sugar-sweetened beverages, coffee, tea, water) and:
  - growth, size, body composition, risk of overweight and obesity, and weight loss and maintenance?
  - o risk of type 2 diabetes?







16

### **Added Sugars**

- What is the relationship between food sources of added sugars consumed and:
  - growth, size, body composition, risk of overweight and obesity, and weight loss and maintenance?
  - o risk of type 2 diabetes?

### Saturated Fat



• What is the relationship between food sources of saturated fat consumed and risk of cardiovascular disease?





- What is the relationship between repeated exposure to foods and food acceptability?
- What is the relationship between parental and caregiver feeding practices during childhood and adolescence and:
  - growth, size, body composition, and risk of overweight and obesity?
  - consuming a dietary pattern that is more aligned with the Dietary Guidelines for Americans?









### **Strategies for Individuals and Families Related to Diet Quality & Weight Management**



- What is the relationship between timing of eating occasions (e.g., eating breakfast, limiting eating late in the day, snacking, intermittent fasting, timerestricted eating) and:
  - growth, size, body composition, risk of overweight and obesity, and weight loss and maintenance?
  - consuming a dietary pattern that is more aligned with the Dietary Guidelines for Americans?
- What is the relationship between specific food-based strategies during adulthood and body composition, risk of overweight and obesity, and weight loss and maintenance?





## **Food Pattern Modeling**



- Considering each life stage, should changes be made to the USDA Dietary Patterns (Healthy U.S.-Style, Healthy Mediterranean-Style, and/or Healthy Vegetarian), and should additional Dietary Patterns be developed/proposed based on:
  - Findings from systematic reviews, data analysis, and/or food pattern modeling analyses
  - Population norms (e.g., starchy vegetables are often consumed interchangeably with grains), preferences (e.g., emphasis on one staple grain versus another), or needs (e.g., lactose intolerance) of the diverse individuals and cultural foodways within the U.S. population?









For each stage of life, the following questions will be addressed:

1. What are the current patterns of food and beverage consumption? 2. What are the current intakes of food groups and nutrients? 3. Which nutrients present a substantial public health concern?

4. What is the current prevalence of nutritionrelated chronic health conditions?









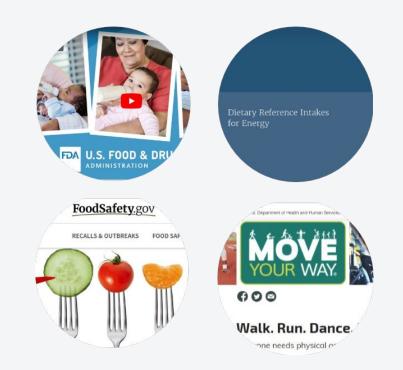


21

# **Existing Evidence-Based Federal Guidance**

### Topics that do not require formal review by the Committee. These include but are not limited to:

- Healthy Food Environments
- Oral Health
- Food safety
- Specific Nutrient Recommendations
- Human milk, infant formula, and health outcomes
- Seafood
- Eating Disorders
- Physical Activity





# **Refining the Scientific Questions**

- Committee will refine and prioritize the scientific questions throughout its work
- Revision and prioritization will consider the following:
  - o Relevance
  - $\circ$  Importance
  - Potential Impact to federal programs
  - **o** Avoiding Duplication
  - Research Availability

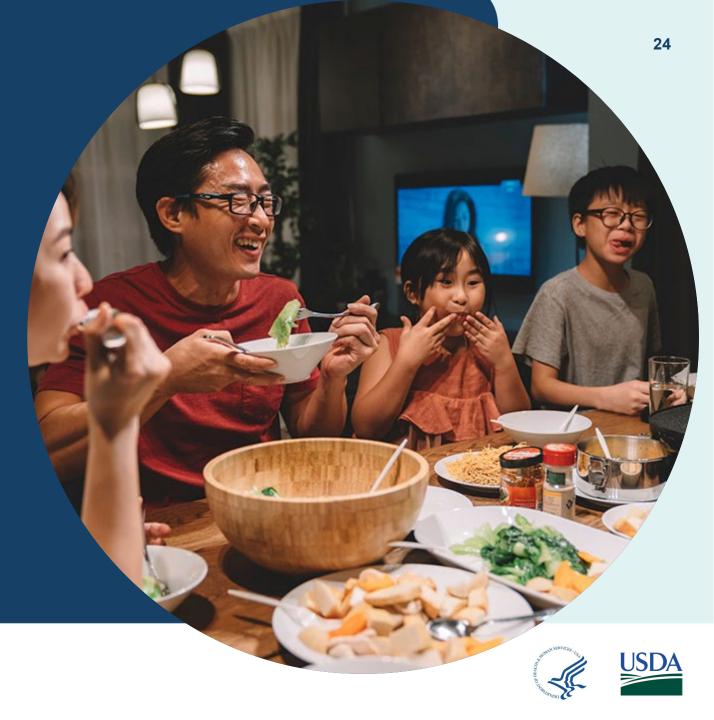


• Updates to the scientific questions will be discussed during Committee meetings





# Thank you





# DietaryGuidelines.gov and Opportunities for Public Engagement

### Dennis Anderson-Villaluz, MBA, RD, LDN, FAND

Lieutenant Commander, U.S. Public Health Service Nutrition Advisor Office of Disease Prevention and Health Promotion,

Office of the Assistant Secretary for Health

U.S. Department of Health and Human Services

Friday, February 10, 2023







### DietaryGuidelines.gov



## DietaryGuidelines.gov





An official website of the United States government Here's how you know 🗸

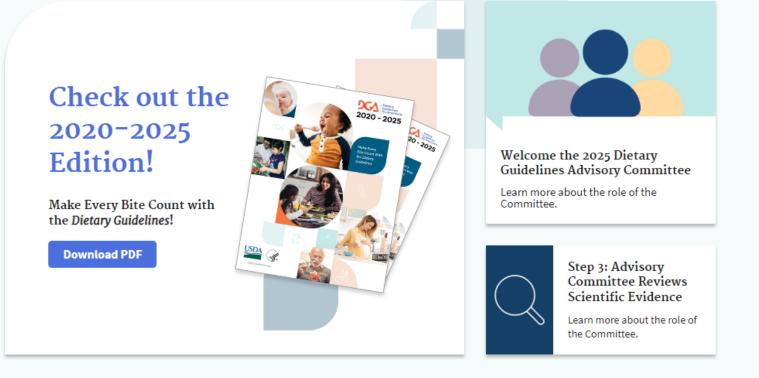
Dietary Guidelines for Americans

CONTACT US FAQS

Home About v Current Dietary Guidelines v Work Under Way v Related Projects Most Popular Questions

Meeting 1 Registr \_\_\_\_ n is Now Open!

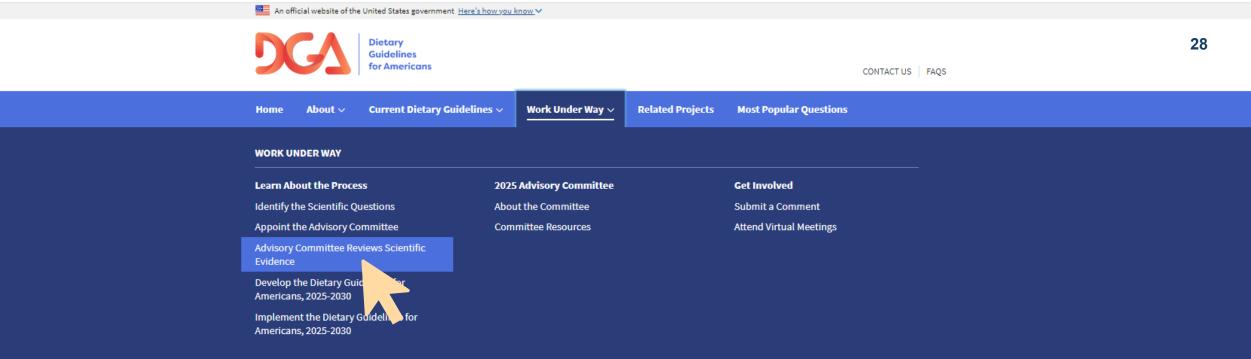
Register now to attend the first meeting of the 2025 Dietary Guidennes Advisory Committee virtually on February 9-10, 2023.







www.DietaryGuidelines.gov



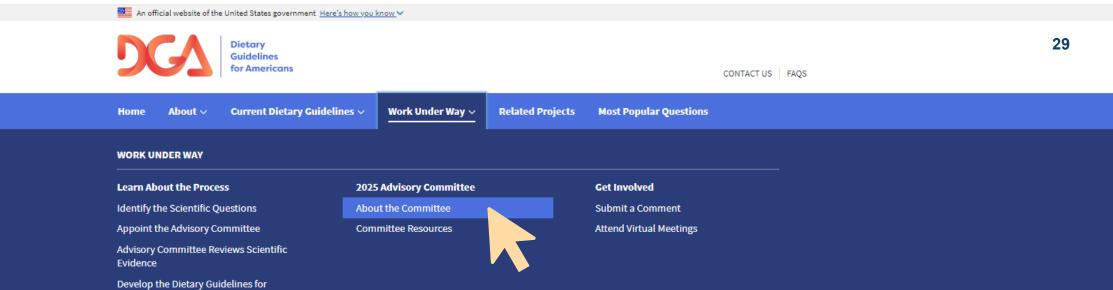
#### Learn About the Process

#### Dietary Guidelines for Americans, 2025-2030 Development Process

Updating the Dietary Guidelines for Americans (Dietary Guidelines) is a scientifically rigorous, multi-year process. The U.S. Departments of Health and Human Services (HHS) and Agriculture (USDA) are committed to providing clear information to the public and providing opportunities for public participation during the process.

#### This is a 5-Step Process





Implement the Dietary Guidelines for Americans, 2025-2030

Americans, 2025-2030

#### About the Committee

## Learn About the Process 2025 Advisory Committee About the Committee

Committee Resources

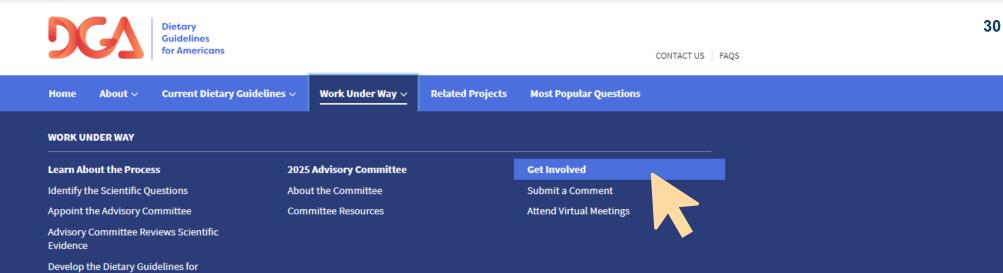
Work Under Way

Get Involved

On January 19, 2023, the Departments of Health and Human Services (HHS) and Agriculture (USDA) announced the appointment of 20 nationally recognized nutrition and public health experts to serve on the 2025 Dietary Guidelines Advisory Committee (Committee). The Committee is tasked with reviewing the current body of nutrition science on specific topics and questions and developing a scientific report that includes its independent, science-based advice for HHS and USDA to consider. The Committee's review, along with public comments on its scientific report and agency input, will help inform HHS and USDA as they develop the *Dietary Guidelines for Americans, 2025-2030*. Throughout the Committee's term, members will collaborate during public and subcommittee meetings, participate in the development of evidence review protocols, review and synthesize evidence, present scientific findings, consider public comments, and develop and submit the scientific report. To learn more about the Committee's purpose, duties, and general operations, review the Committee's charter.

#### 2025 Advisory Committee Members

The 2025 Committee will examine the relationship between diet and health across all life stages, and will use a health equity lens across its evidence review to ensure factors such as socioeconomic status, race, ethnicity, and culture are described and considered to the greatest extent possible based on the information provided in the scientific literature and data. This will help HHS and USDA ensure that the resulting guidance in the *Dietary Guidelines* is relevant to people with diverse racial, ethnic, socioeconomic, and cultural backgrounds. To aid in this process, the Committee members have substantial health equity expertise in human nutrition and experience conducting research with diverse populations. Learn more about how <u>HHS and USDA established the Committee</u>.



Americans, 2025-2030

Implement the Dietary Guidelines for Americans, 2025-2030

#### Get Involved! Learn About the Process

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We want

to HEAR

from YOU

Submit public comments to the

2025 Dietary Guidelines Advisory Committee!

There are multiple opportunities for public participation before, during, and after the Committee's 2025 Advisory Committee review of the evidence.

#### Get Involved

Work Under Way

Submit a Comment

Attend Virtual Meetings

#### Ways to participate include:

- Provide public comments.
- Attend virtual <u>Committee meetings</u>.
- Sign up for regular updates to stay informed on each step of the process.
- Visit <u>DietaryGuidelines.gov</u> to stay updated.

#### Submitting Public Comments

The public comment period opens on January 19, 2023, and will remain open throughout the Committee's work to allow for public comment on the Committee's scientific review throughout the entire process. The public is encouraged to submit written comments to the Committee on topics relevant to its work. Comments to the Committee can be submitted electronically (preferred) or through postal mail.



Home About – Current Dietary Guidelines – Work Under Way – Related Projects Most Popular Questions



#### Dietary Guidelines for Americans About





#### Purpose of the Dietary Guidelines

What we eat and drink is important at every stage of life, and it is never too early or too late to eat healthfully. The purpose of the *Dietary Guidelines for Americans* is to provide advice on what to eat and drink to build a healthy diet that can promote healthy growth and development, help prevent diet-related chronic disease, and meet nutrient needs.

Learn more



#### Who's Involved in Updating the Dietary Guidelines

USDA and HHS are responsible for updating and releasing the *Dietary Guidelines*. This includes oversight of the Advisory Committee, providing opportunities for public input, and developing and coordinating clearance of the *Dietary Guidelines* throughout each Department.

Learn more



#### History of the Dietary Guidelines

The Federal government has provided advice on what to eat and drink for more than 100 years. Since 1990, the Secretaries of Agriculture and Health and Human Services are required by law to publish the *Dietary Guidelines for Americans* every five years. The nature of dietary guidance, providing advice on foods and nutrients to eat more or less of, has remained relatively consistent, however the specific messages have changed as the process used to create the *Dietary Guidelines* has evolved as nutrition science has progressed and the methods used to review the science have advanced. The *Dietary Guidelines* serves as the cornerstone of Federal food and nutrition guidance.

Learn more

Previous Editions of the Dietary Guidelines for Americans

The Distany Guidelines for Americans has been released by the Departments of Agriculture and Health and



### About

DietaryGuidelines.gov

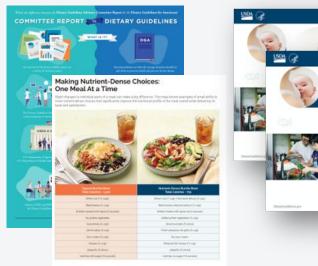
- Provides general information about the Dietary Guidelines including:
  - Who's Involved
  - The History
  - Previous Editions





CONTACT US FAQS

Home About ~ Current Dietary Guidelines ~	Work Under Way $arsigma$ Related F	Projects Most Popular Questions
CURRENT DIETARY GUIDELINES		
2020-2025 Dietary Guidelines and On Materials Food Sources of Select Nutrients Figures & Infographics Figures	Professional Resources Print Materials Presentation Slides Peer-Reviewed Publications	Process to Develop the 2020-2025 Dietary Guidelines Scientific Report Public Comments to the Departments USDA-HHS Development of the Dietary Guidelines
Infographics	Consumer Resources Consumer Brochure Recursos en Español Materiales Impresos Figuras	



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ood Sources of Calcium					
andard Portions					
Calcium: Nutrient-dense <sup>.</sup> Food and Beverage Sources, Amounts of Calcium and Energy per Standard Portion					
000	STANDARD PORTION	CALORIES	CALCIUM (mg)		
airy and Fortified Soy Alternatives			·		
Yogurt, plain, nonfat	8 ounces	137	488		
Yogurt, plain, low fat	8 ounces	154	448		
Kefir, plain, low fat	1 cup	104	317		
Milk, low fat (1%)	1 cup	102	305		
Soy beverage (soy milk), unsweetened	1 cup	80	301		
Yogurt, soy, plain	8 ounces	150	300		
Milk, fat free (skim)	1 cup	83	298		
Buttermilk, low fat	1 cup	98	284		
Yogurt, Greek, plain, low fat	8 ounces	166	261		
Yogurt, Greek, piain, nonfat	8 ounces	134	250		
Cheese, reduced, low, or fat free (various)	1 1/2 ounces	~\$\$-155	~85-485		
egetables					
Lambsquarters, cooked	1 cup	58	464		
Nettles, cooked	1 cup	37	428		
Mustard spinach, cooked	1 cup	29	284		
Amaranth leaves, cooked	1 040	28	276		



Figures & Infographics

#### **Professional Resources**

#### Food Source List

#### **Consumer Resources**





### **Related Projects**

 Examples of Federal and non-Federal projects relevant to the Dietary Guidelines.

Current Dietary Guidelines 🗸 Work Under Way 🗸 **Related Projects** Most Popular Questions Home About ~ Dietary Guidelines for Americans Related Projects



#### Projects Related to the Dietary Guidelines

Updating the Dietary Guidelines for Americans (Dietary Guidelines) is a scientifically rigorous, multi-year process. Below are examples of Federal and non-Federal projects relevant to the Dietary Guidelines.

- White House Conference on Hunger, Nutrition, and Health
- Dietary Reference Intakes
- Healthy Eating Index
- MyPlate Consumer Education Resources

- Alcoholic Beverages and Health
- Climate Change and Nutrition
- Physical Activity Guidelines for Americans
- National Academies of Sciences, Engineering and Medicine Study: Process to Update the Dietary Guidelines



White House Conference on Hunger, Nutrition, and Health

For the first time in over 50 years, the White House hosted the White House Conference on Hunger, Nutrition, and Health on September 28, 2022. The Biden-Harris Administration also released a National Strategy outlining actions the Federal government will take to achieve the bold goal of ending hunger and increasing healthy eating and physical activity by 2030.

The Biden-Harris Administration also announced more than \$8 billion in new commitments as part of the Conference's call to action.

 Learn more about the White House Conference on Hunger, Nutrition, and Health and future steps on Health.gov



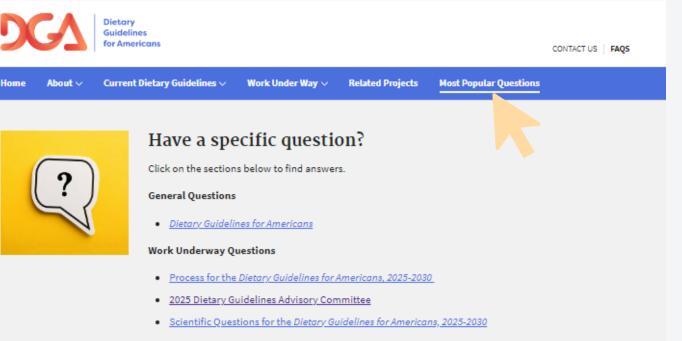
#### **Dietary Reference Intakes**





## Most Popular Questions

- Provides you with answers to pressing questions you may have about the *Dietary Guidelines*.
  - General Questions
  - Work Underway Questions
  - Current Edition Questions



#### **Current Edition Questions**

- General Information for the Dietary Guidelines for Americans, 2020-2025
- Select Topics for the Dietary Guidelines for Americans, 2020-2025.

#### **General Questions**

Dietary Guidelines for Americans

#### Q: What is the Dietary Guidelines for Americans?

A: The Dietary Guidelines for Americans is the cornerstone of Federal nutrition policy and nutrition education activities, providing food-based recommendations to promote health, help prevent diet-related disease, and meet nutrient needs. HHS and USDA jointly publish the Dietary Guidelines every 5 years.





### **Opportunities for Public Participation**

Before, throughout and after the Committee's review of the evidence.





## **Before the Committee was Established**

#### Two key opportunities for public input:

- Scientific Questions: The U.S. Departments of Health and Human Services (HHS) and Agriculture (USDA) developed and asked for public comments on the proposed scientific questions.
  - Received over 1,400 comments from April 15-May 16, 2022.
- **Committee nominations:** All nominations to the Committee were from the public; HHS and USDA accepted nominations from June 15-July15, 2022.





Step 1: www.dietaryguidelines.gov/learn-about-process#step-1-identify-the-scientific-questions Step 2: www.dietaryguidelines.gov/learn-about-process#step-2-appoint-the-advisory-committee



## **Opportunities to Get Involved Throughout the Committee's Work**

- **Six** Committee meetings open to the public virtually.
- **Meeting Three** will include an opportunity for oral comments
- 2023-2024 Meeting Dates:
  - Meeting 1: February 9-10, 2023
  - Meeting 2: May 10, 2023
  - Meeting 3: October 2023
  - Meeting 4: January 25, 2024
  - Meeting 5: May 30, 2024
  - Meeting 6: September 26, 2024

2025 DIETARY GUIDELINES ADVISORY COMMITTEE

# **Get Involved**

Attend the 2025 Dietary Guidelines Advisory Committee meetings online



## **Public Comments**

### Public Comments to the Committee are welcomed throughout the Committee's work

- On January 19, 2023, a Federal Register Notice opened public comments and will remain open through the course of the Committee operations into 2024.
- Federal staff will support the Committee by grouping public comments by topic area and summarizing comments.
- Original comments are available to both Committee members and the public to review on Regulations.gov







## Ways to Get Involved

#### Attend Advisory Committee Meetings Online

- Register for meetings
- See materials from past meetings, including archived webcasts, meeting minutes, slides, and handouts
- Provide Public Comments
  - Go to Regulations.gov to submit and view written comments to the Committee
- View Progress
  - Visit DietaryGuidelines.gov to follow the process of the scientific questions and more.
- Stay Involved
  - Sign up for email updates to ensure that you have the latest information throughout the process







# **Thank you!**



## **DietaryGuidelines.gov**





40

# 2025 Dietary Guidelines Advisory Committee: Meeting 1

Janet de Jesus, MS, RD

