

## 2025 Current Fiscal Year Report: Science Advisory Committee on Chemicals

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### 1. Department or Agency

Environmental Protection Agency

### 2. Fiscal Year

2025

### 3. Committee or Subcommittee

Science Advisory Committee on Chemicals

### 3b. GSA Committee No.

2582

### 4. Is this New Fiscal Year?

No

### 5. Current Charter

02/26/2024

### 6. Expected Renewal Date

02/26/2026

### 7. Expected Term Date

### 8a. Was Terminated During Fiscal Year?

No

### 8b. Specific Termination Authority

### 8c. Actual Term Date

### 9. Agency Recommendation for Next Fiscal Year

Continue

### 10a. Legislation Req to Terminate?

No

### 10b. Legislation Pending?

Not Applicable

### 11. Establishment Authority

Statutory (Congress Created)

### 12. Specific Establishment Authority

Frank R. Lautenberg  
Chemical Safety for the 21st  
Century Act, Pub. L. No.  
114-182, Section 2625(o)

### 13.

### Effective Date

06/22/2016

### 14.

### Committee Type

Continuing

### 14c.

### Presidential?

No

### 15. Description of Committee

Advisory Board

Scientific Technical Program

### 16a. Total

### Number of Reports

No Reports for  
this Fiscal Year

### 17a.

### Open

0

### 17b. Closed

0

### 17c. Partially Closed

0

### Other Activities

0

### 17d. Total

0

### Meetings and Dates

No Meetings

	Current FY	Next FY
<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$0.00	\$0.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$0.00	\$0.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$0.00	\$0.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00	\$0.00
<b>18c. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)</b>	\$0.00	\$0.00
<b>18d. Other (all other funds not captured by any other cost category)</b>	\$0.00	\$0.00
<b>18e. Total Costs</b>	\$0.00	\$0.00
<b>19. Federal Staff Support Years (FTE)</b>	0.00	0.00

**20a. How does the Committee accomplish its purpose?**

The Environmental Protection Agency provides background materials and charge questions for consideration by the Science Advisory Committee on Chemicals (SACC). The SACC deliberates on the charges during public meetings and subsequently renders its advice and

recommendations to the Agency in the meeting minutes and final reports.

**20b. How does the Committee balance its membership?**

SACC members are selected on the basis of their qualifications to provide independent scientific advice and recommendations to the EPA on the scientific basis for risk assessments, methodologies, and pollution prevention measures and approaches for chemicals regulated under the Toxic Substances Control Act (TSCA). In accordance with TSCA, the SACC is composed of representatives of such science, government, labor, public health, public interest, animal protection, industry, and other groups as the Administrator determines to be advisable, including representatives that have specific scientific expertise in the relationship of chemical exposures to women, children, and other potentially exposed or susceptible subpopulations. The members also include representation of the following disciplines, including, but not limited to: toxicology, pathology, environmental toxicology and chemistry, exposure assessment, risk assessment and related sciences, e.g., pediatrics, synthetic biology, pharmacology, biotechnology, nanotechnology, biochemistry, biostatistics, PBPK modeling, computational toxicology, epidemiology, environmental fate, and environmental engineering and sustainability. The disciplinary expertise needed for SACC reviews depends on the scientific issues brought before the committee. Therefore, the expertise of the members is augmented throughout the year by the use of numerous ad hoc consultants.

**20c. How frequent and relevant are the Committee Meetings?**

In 2025, the SACC conducted the Peer Review of 2024 Draft Risk Evaluation for 1,3-Butadiene. EPA preliminarily determined that 1,3-butadiene presents an unreasonable risk of injury to human health for workers and the general population (including fenceline communities) from inhalation exposure. 1,3-Butadiene is associated with health effects such as reduced birthweight pregnancies, blood and immune system disease, and leukemia. 1,3-Butadiene is a colorless, highly flammable gas with a mild odor similar to gasoline. 1,3-Butadiene is used in manufacturing various products, including plastic and rubber products (including tires). It's also used in adhesives and sealants, fuels, automotive care products, lubricants, and paints and coatings. When it is manufactured or used to make products, 1,3-butadiene is mainly released into the air from facilities, with relatively small releases to land or water. People can also be exposed to 1,3-butadiene from vehicle exhaust, tobacco smoke, burning wood, and forest fires. In this draft risk evaluation, EPA evaluated risks resulting from exposure to 1,3-butadiene from facilities that use, manufacture, or process 1,3-butadiene under conditions of use subject to TSCA and the products resulting from such manufacture and processing. The committee typically will conduct approximately four to six reviews each year. Review meetings normally range from two to five days depending upon the number of review topics and the time needed for discussion.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

As required by the Frank R. Lautenberg Chemical Safety for the 21st Century Act, the SACC will provide independent advice and expert consultation, at the request of the EPA

Administrator, with respect to the scientific and technical aspects of issues relating to the implementation of the Act.

**20e. Why is it necessary to close and/or partially closed committee meetings?**

When necessary, SACC meetings may be closed or partially closed to allow the committee to discuss confidential business information (CBI).

**21. Remarks**

Supersedes the Chemical Safety Advisory Committee (Committee No. 2531).

**Designated Federal Officer**

Tamue L. Gibson Designated Federal Officer

Committee Members	Start	End	Occupation	Member Designation
Apte, Udayan	06/17/2024	06/14/2027	Tier 1, Professor, Department of Pharmacology, Toxicology and Therapeutics, University of Kansas Medical Center, Kansas City, Kansas	Special Government Employee (SGE) Member
Baker, Marissa	06/17/2024	06/14/2027	Tier 1, Assistant Professor, Department of Environment and Occupational Health Sciences, University of Washington, Seattle, Washington	Special Government Employee (SGE) Member
Chaisson, Christine	06/17/2024	06/14/2027	Tier 1, Director, Senior Scientist/Risk Assessor, The Lifeline Group	Special Government Employee (SGE) Member

Cobb, George	06/14/2023	06/15/2026	Tier 1, Professor and Chair, Department of Environmental Science, Baylor University, Waco, Texas	Special Government Employee (SGE) Member
Eick, Stephanie	06/14/2023	06/15/2026	Tier 1, Assistant Professor of Environmental Health Emory University Rollins School of Public Health, Atlanta, Georgia	Special Government Employee (SGE) Member
Fong, Arthur	06/17/2024	06/14/2027	Tier 1, Technical Leader For Smart Chemistry Apple Inc., Danville, California	Special Government Employee (SGE) Member
Fox, Mary	06/14/2023	06/15/2026	Tier 1, Assistant Professor Johns Hopkins University, Baltimore, Maryland	Special Government Employee (SGE) Member
Gentry, Robinan	06/17/2024	06/14/2027	Tier 1, Principal Ramboll Inc., Monroe, Louisiana	Special Government Employee (SGE) Member
Graham, Cynthia	06/14/2024	06/15/2026	Tier 1, Toxicology Consultant, Huntsman Polyurethanes Denver, Colorado	Special Government Employee (SGE) Member
Heiger-Bernays, Wendy	06/17/2024	06/17/2027	Tier 1, Clinical Professor, Boston University School of Public Health, Boston, Massachusetts	Special Government Employee (SGE) Member
Jenkins, Allison	06/14/2023	06/15/2026	Tier 1, Senior Toxicologist, Texas Commission on Environmental Quality, Austin, Texas	Special Government Employee (SGE) Member

			Tier 1, Assistant Professor School of Public Health University of Nevada, Reno, Sparks, Nevada	Special Government Employee (SGE) Member
Li, Li	06/17/2024	06/14/2027		
			Tier 1, Assistant Professor Icahn School of Medicine at Mount Sinai, New York, New York	Special Government Employee (SGE) Member
Merced-Nieves, Francheska	06/14/2023	06/15/2026		
			Tier 1, Emeritus Professor of Endocrinology and Research	Special Government Employee (SGE) Member
Ottinger, Mary	06/14/2023	06/15/2026		
			Professor University of Houston, Denver, Colorado	Employee (SGE) Member
			Tier 1, Senior Service Fellow, Centers for Disease Control and Prevention (CDC)/Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta Georgia	Regular Government Employee (RGE) Member
Przybyla, Jennifer	06/17/2024	06/14/2027		
			Tier 1, Branch Chief and Senior Scientist, Division of Translation Toxicology, NIH, Durham, North Carolina	Regular Government Employee (RGE) Member
Reif, David	06/17/2024	06/14/2027		
			Tier 1, Director of Science, Breast Cancer Prevention Partners, Berkeley, California	Special Government Employee (SGE) Member
Rubin, Rainbow	06/14/2023	06/15/2026		
			Tier 1, Clinical Laboratory Director, One Lambda-Thermo Fisher	Special Government Employee (SGE) Member
Rumpler, Mark	06/14/2023	06/15/2026		

			Tier 1, Managing Principal Insight	Special Government
Sahmel, Jennifer	06/17/2024	06/14/2027	Exposure and Risk Sciences, Boulder, Colorado	Employee (SGE) Member
			Tier 1, Former Director of Health, Safety and Environment	
			United Steel, Paper and	Special Government
Wright, Michael	06/14/2023	06/15/2026	Forestry; Rubber, Manufacturing Energy, Allied Industrial and Service Workers International Union	Employee (SGE) Member

**Number of Committee Members Listed: 20**

### **Narrative Description**

The Science Advisory Committee on Chemicals (SACC) supports EPA in carrying out its responsibilities under TSCA, as amended by the Frank R. Lautenberg Chemical Safety for the 21st Century Act, and Goal 7, Objective 7.1 of the Agency's FY 2022-2026 strategic plan: Ensure Chemical and Pesticide Safety. The SACC provides expert scientific advice, information, and recommendations to EPA's Office of Pollution Prevention and Toxics (OPPT) on the regulation of chemicals, including: review of risk evaluations; models; tools; guidance documents; chemical category documents; and other chemical assessment products as deemed appropriate, that are prepared by OPPT; and addressing other scientific and technical issues that OPPT identifies as critical to implementing the Act. In 2025, the SACC conducted the Peer Review of 2024 Draft Risk Evaluation for 1,3-Butadiene. EPA preliminarily determined that 1,3-butadiene presents an unreasonable risk of injury to human health for workers and the general population (including fenceline communities) from inhalation exposure. 1,3-Butadiene is associated with health effects such as reduced birthweight pregnancies, blood and immune system disease, and leukemia. 1,3-Butadiene is a colorless, highly flammable gas with a mild odor

similar to gasoline. 1,3-Butadiene is used in manufacturing various products, including plastic and rubber products (including tires). It's also used in adhesives and sealants, fuels, automotive care products, lubricants, and paints and coatings. When it is manufactured or used to make products, 1,3-butadiene is mainly released into the air from facilities, with relatively small releases to land or water. People can also be exposed to 1,3-butadiene from vehicle exhaust, tobacco smoke, burning wood, and forest fires. In this draft risk evaluation, EPA evaluated risks resulting from exposure to 1,3-butadiene from facilities that use, manufacture, or process 1,3-butadiene under conditions of use subject to TSCA and the products resulting from such manufacture and processing.

**What are the most significant program outcomes associated with this committee?**

Checked if  
Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

**Outcome Comments**

Not Applicable

**What are the cost savings associated with this committee?**

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>

\$1,000,001 - \$5,000,000  
\$5,000,001 - \$10,000,000  
Over \$10,000,000  
Cost Savings Other

☐  
☐  
☐  
☐

### **Cost Savings Comments**

The SACC is required pursuant to the Frank R. Lautenberg Chemical Safety for the 21st Century Act, Pub. L. No. 114-182, Section 2625(o)

**What is the approximate Number of recommendations produced by this committee for the life of the committee?**

601

### **Number of Recommendations Comments**

Number of recommendations represents the approximate number of scientific issues addressed in the reports issued by the SACC.

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

0%

### **% of Recommendations Fully Implemented Comments**

During the course of the fiscal year, the SACC typically provides the Agency recommendations on chemical risk evaluations and related methodologies. The nature of the SACC's advice, and the Agency's implementation of that advice do not facilitate estimating the percentage of recommendations that are fully (or partially) implemented by the Agency over the life of the committee thus far. EPA has implemented new procedures for tracking the SACC's formally- conveyed recommendations and the EPA's responses to those recommendations. The Agency has published responses to the comments addressing SACC recommendations for chemical risk evaluations reviewed by the Committee.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

### **% of Recommendations Partially Implemented Comments**

As noted in response to the previous question, a specific percentage of Committee recommendations that have been or will be partially (or fully) implemented by the Agency

is not available. EPA implemented new procedures for tracking the SACC's formally-conveyed recommendations and the EPA's responses to those recommendations.

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☐ No ☐ Not Applicable ☒

**Agency Feedback Comments**

Not Applicable

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input checked="" type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

**Action Comments**

Not Applicable

**Is the Committee engaged in the review of applications for grants?**

No

**Grant Review Comments**

Not Applicable

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>

**Access Comments**

EPA Office of Pollution Prevention and Toxics Public Docket and the Federal eRulemaking Portal: <https://www.regulations.gov>