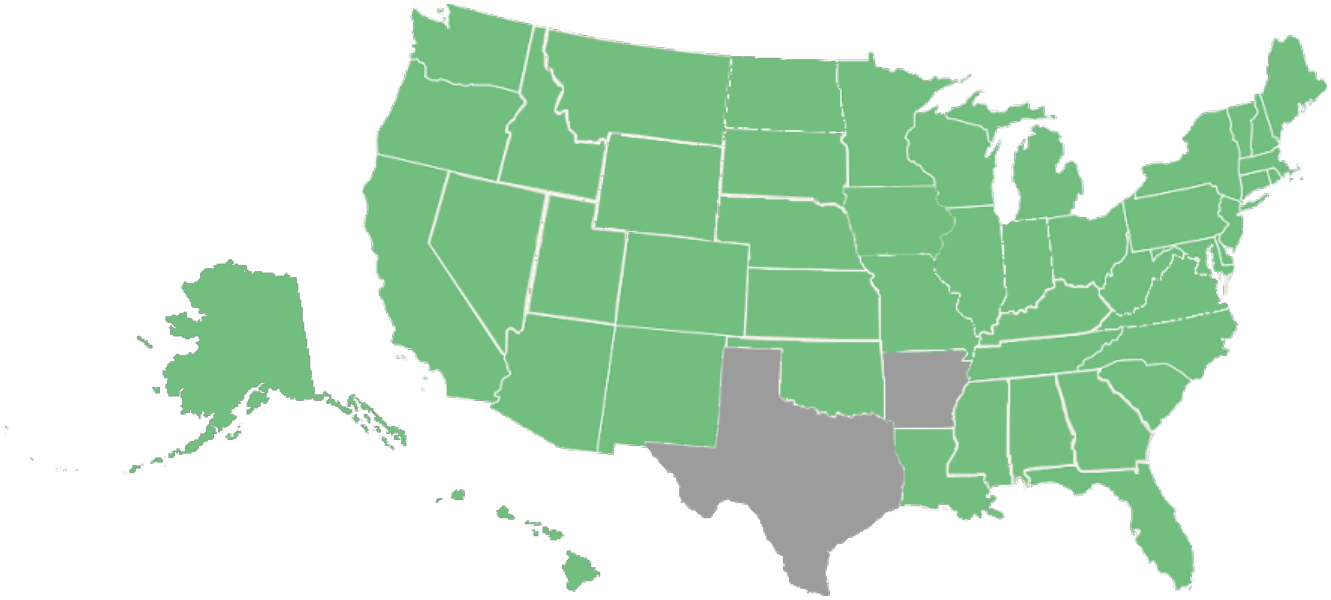
ITRC (Interstate Technology & Regulatory Council). 2023. *Contaminants of Emerging Concern Framework* CEC-1. Washington, D.C.: Interstate Technology & Regulatory Council, CEC Team. https://cec-1.itrcweb.org/.

US



Washington

WA Department of Ecology State of Washington - Other
https://ecology.wa.gov/Research-Data/Monitoring-assessment/toxics-monitoring

WA Department of Ecology State of Washington - Other
https://ecology.wa.gov/About-us/Who-we-are/Our-Programs/Environmental-Assessment

Oregon

Oregon Health Authority - Drinking water
https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/OPERATIONS/Pages/EmergingContaminants.aspx

California

State Water Resources Control Board - Drinking water https://www.waterboards.ca.gov/pfas/
https://waterboards.ca.gov/water_issues/programs/#cec

California Department of Pesticide Regulation - Air Quality Pesticide Air Monitoring Results Database

California Department of Pesticide Regulation, Groundwater Protection Program (GWPP) - Groundwater Groundwater Monitoring, Analyses, and Assessments

California Department of Pesticide Regulation, Surface Water Protection Program - Surface water Surface Water Database

California - Biomonitoring Biomonitoring California's Results Database

Idaho

Idaho Department of Environmental Quality — Drinking Water Bureau - Drinking water
https://www.deq.idaho.gov/water-quality/drinking-water/pfas-and-idaho-drinking-water/

Nevada

Nevada Division of Environmental Protection - Multiple
https://ndep.nv.gov/uploads/documents/DRAFT_75-percent_NDEP_PFAS_Action_Plan_20220405.docx

Montana

Montana Department of Environmental Quality - Multiple https://deq.mt.gov/cleanupandrec/Programs/pfas

Utah

Utah Department of Environmental Quality - Drinking water https://deq.utah.gov/drinking-water/drinking-water-pfas

Arizona

Arizona Department of Environmental Quality - Wastewater and biosolids https://www.azdeq.gov/node/7940

Arizona Department of Environmental Quality - Stormwater https://www.azdeq.gov/node/7940

Arizona Department of Environmental Quality - Environmental protection
https://azdeq.gov/press-releases/press-release-adeq-committed-protecting-arizonans-and-assisting-public-water-systems

Arizona Department of Environmental Quality - Drinking water https://www.azdeq.gov/node/7940

Colorado

Colorado Department of Public Health and Environment - Multiple
Main program page: https://cdphe.colorado.gov/toxic-algae
Data specifically:
https://cohealthviz.dphe.state.co.us/t/EnvironmentalEpidemiologyPublic/views/newhab_draft/HABdash?%3AshowAppBanner=false&%3Aorigin=viz_share_link&%3Adisplay_count=n&%3AshowVizHome=n&%3AisGuestRedirectFromVizportal=y&%3Aembed=y

Colorado Department of Public Health and Environment - Multiple https://cdphe.colorado.gov/pfas

City of Fort Collins - Drinking water
https://www.fcgov.com/utilities/what-we-do/water/water-quality/source-water-monitoring/special-studies/emerging-contaminants

New Mexico

New Mexico Environment Department - https://www.env.nm.gov/

South Dakota

South Dakota Department of Agriculture & Natural Resources - Drinking water

Kansas

Kansas Department of Health and Environment / Division of Environment - Drinking water
https://www.kdhe.ks.gov/635/Per--Polyfluoroalkyl-Substances

Oklahoma

Oklahoma Department of Environmental Quality - https://www.deq.ok.gov/asd/about-deq/#

Texas

State program(s) not identified by the CEC Team at the time of publication

Minnesota

Minnesota Pollution Control Agency - Environmental protection
https://www.pca.state.mn.us/waste/mpca-pfas-monitoring-plan

Minnesota Pollution Control Agency - Air Quality https://www.pca.state.mn.us/waste/mpca-pfas-monitoring-plan

Minnesota Pollution Control Agency - Wastewater and biosolids
https://www.pca.state.mn.us/waste/mpca-pfas-monitoring-plan

Minnesota Pollution Control Agency - Solid and haz wastes
https://www.pca.state.mn.us/waste/mpca-pfas-monitoring-plan

Minnesota Pollution Control Agency - Stormwater https://www.pca.state.mn.us/waste/mpca-pfas-monitoring-plan

Minnesota Pollution Control Agency - Remediation https://www.pca.state.mn.us/waste/mpca-pfas-monitoring-plan

Minnesota Department of Health - Drinking water
https://www.health.state.mn.us/communities/environment/water/unregcontam.html

Minnesota Department of Health - Drinking water
https://www.health.state.mn.us/communities/environment/water/pfas.html

Minnesota Pollution Control Agency - Water resources
https://www.pca.state.mn.us/water/contaminants-emerging-concern

Iowa

Iowa Department of Natural Resources - Drinking water
https:/https://www.iowadnr.gov/About-DNR/DNR-News-Releases/ArticleID/4446/Iowa-Department-of-Natural-Resources-releases-summary-of-PFAS-sampling

Arkansas

State program(s) not identified by the CEC Team at the time of publication

Wisconsin

Wisconsin Department of Natural Resources - Drinking water
https://docs.legis.wisconsin.gov/code/admin_code/nr/800/80

https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/LabUpdate20210301.pdf

Wisconsin Department of Natural Resources - Ecology https://dnr.wisconsin.gov/topic/Fishing/consumption

Wisconsin Department of Natural Resources - Surface water
https://docs.legis.wisconsin.gov/code/register/2022/799b/register/final/cr_21_083_rule_text/cr_21_083_rule_text

Illinois

Illinois Environmental Protection Agency - Groundwater
https://www2.illinois.gov/epa/topics/water-quality/groundwater/Pages/620-Groundwater-Quality.aspx

Tennessee

TN Department of Environment and Conservation - Other
https://www.tn.gov/environment/policy/pfas/tdec-sampling-for-pfas.html

Michigan

Michigan Department of Environment, Great Lakes, and Energy - Multiple https://www.michigan.gov/pfasresponse

Kentucky

Kentucky Energy and Environment Cabinet / Department of Environmental Protection - Multiple
https://eec.ky.gov/Environmental-Protection/Water/Protection/Pages/PFAS.aspx

Alabama

Department of Environmental Management - Drinking water
http://ademmail2.state.al.us/programs/water/drinkingwater/pfaspage.cnt

Ohio

Ohio Environmental Protection Agency - Drinking water
https://epa.ohio.gov/monitor-pollution/pollution-issues/pfas-action-plan

Georgia

Georgia Environmental Protection Division - Environmental protection
https://gaepd.maps.arcgis.com/apps/MapSeries/index.html?appid=e8f2c6a51c1c41088002350f1eabe598

Florida

Florida Department of Environmental Protection - Drinking water
https://floridadep.gov/comm/press-office/content/regulated-drinking-water-contaminants-and-contaminants-emerging-concern

Florida Department of Environmental Protection - Drinking water
https://www.floridahealth.gov/environmental-health/private-well-testing/index.html

West Virginia

West Virginia Department of Environmental Protection - Environmental protection
https://dep.wv.gov/key-issues/Pages/PFAS.aspx

North Carolina

North Carolina Environmental Quality - Environmental protection
https://deq.nc.gov/news/key-issues/emerging-compounds

South Carolina

South Carolina Department of Health and Environment - Environmental protection
https://scdhec.gov/BOW/perfluoroalkyl-substances-pfas

Pennsylvania

Pennsylvania Department of Environmental Protection - Water resources
https://www.dep.pa.gov/Business/Water/CleanWater/WaterQuality/Pages/CECs.aspx

Maryland

Maryland Department of Environment - Groundwater
https://mde.maryland.gov/PublicHealth/Pages/PFAS-Landing-Page.aspx

Delaware

Department of Natural Resources and Environmental Control - Water quality
https://dnrec.alpha.delaware.gov/waste-hazardous/remediation/watar/

Delaware River Basin Commission - Water quality https://www.nj.gov/drbc/programs/quality/cecs.html

New Jersey

New Jersey Department of Environmental Protection - Remediation
https://www.nj.gov/dep/srp/srra/listserv_archives/2021/20210805_srra.html

New Jersey Department of Environmental Protection - Drinking water
https://nj.gov/dep/wiip/docs/njwb_ffy22-sfy23-cw-dw_finaliup_propamend-pubnotice.pdf

Connecticut

Department of Energy and Environmental Protection - Remediation
https://portal.ct.gov/DEEP/Remediation--Site-Clean-Up/Contaminants-of-Emerging-Concern/Contaminants-of-Emerging-Concern

Massachusetts

Massachusetts Department of Environmental Protection - Multiple
https://www.mass.gov/info-details/emerging-contaminants

Northeastern University's Social Science Environmental Health Research Institute (SSEHRI) - Multiple https://pfasproject.com/pfas-sites-and-community-resources/

New Hampshire

New Hampshire Department of Environmental Services - Multiple https://pfas.des.nh.com

Rhode Island

Vermont

Agency of Natural Resources - Water resources https://legislature.vermont.gov/statutes/section/10/047/01283a

Maine

Maine Department of Environmental Protection - Multiple https://www.maine.gov/dep/spills/topics/pfas/index.html

New York

New York State Department of Environmental Conservation - Remediation https://www.dec.ny.gov/docs/water_pdf/emergingcontaminants.pdf

New York State Department of Environmental Conservation - Water resources https://www.dec.ny.gov/docs/water_pdf/emergingcontaminants.pdf

New York State Department of Health - Drinking water https://dos.ny.gov/system/files/documents/2022/10/100522.pdf

Virginia

Virginia Department of Health
Virgia Department of Environmental Quality
Office of Drinking Water
Drinking water https://www.vdh.virginia.gov/drinking-water/pfas/

Indiana

Indiana Department of Environmental Management - Ecology http://www.in.gov/idem/nps/files/ir_2022_report.pdf

Mississippi

Mississippi Department of Environmental Quality - Groundwater https://www.mdeq.ms.gov/water/groundwater-assessment-and-remediation/pfas-information/

Louisiana

Louisiana Department of Environmental Quality - https://deq.louisiana.gov/subhome/water

Missouri

Missouri Department of Natural Resources - Multiple
https://modnr.maps.arcgis.com/apps/webappviewer/index.html?id=386c71927569476ebd2d0e6910424d17

Nebraska

Nebraska Department of Environment and Energy - http://dee.ne.gov/NDEQProg.nsf/Home.xsp

North Dakota

North Dakota Department of Environmental Quality - Multiple
https://deq.nd.gov/Publications/MF/PFAS_Report_2021.pdf?v=1

Wyoming

Pending Additional Input - https://deq.wyoming.gov/water-quality/groundwater/pfas/

Alaska

Department of Environmental Conservation - Spill prevention https://dec.alaska.gov/spar/csp/pfas

Hawaii

Department of Health - Multiple https://health.hawaii.gov/heer/environmental-health/highlighted-projects/pfas/

Federal



Association of State and Territorial Solid Waste Management Officials, Inc.
Solid and haz wastes -
https://astswmo.org/webinar-how-to-develop-a-state-led-contaminants-of-emerging-concern-cec-program/

Centers for Disease Control and Prevention (CDC)
National Biomonitoring Program (NBP) Health - National Biomonitoring Program

USDOD
U.S. Department of Defense Environment, Safety & Occupational Health Network and Information Exchange
Hazardous substances - https://www.denix.osd.mil/cmrmp/index.html

USEPA
U.S. Environmental Protection Agency Remediation -

https://www.epa.gov/fedfac/emerging-contaminants-and-federal-facility-contaminants-concern

U.S. Environmental Protection Agency CEC including pharmaceuticals and personal care products - https://www.epa.gov/wqc/contaminants-emerging-concern-including-pharmaceuticals-and-personal-care-products

U.S. Environmental Protection Agency Drinking water - https://www.epa.gov/system/files/documents/2022-03/combined_srf-implementation-memo_final_03.2022.pdf

U.S. Environmental Protection Agency Wastewater and biosolids - https://www.epa.gov/system/files/documents/2022-03/combined_srf-implementation-memo_final_03.2022.pdf

U.S. Environmental Protection Agency Drinking water - https://www.epa.gov/dwucmr/learn-about-unregulated-contaminant-monitoring-rule

Canada



Environment and Climate Change Canada - Others National Pollutant Release Inventory - Canada.ca

Environment and Climate Change Canada - Others Water Quality Monitoring and Surveillance Program

Europe



European Chemicals Agency

Pending Additional Input

Australia



Department of Climate Change, Energy, the Environment and Water - Multiple
https://www.dcceew.gov.au/environment/protection/npi/data

New South Wales Environment Protection Authority - Multiple
https://www.epa.nsw.gov.au/your-environment/contaminated-land/pfas-investigation-program

Australia's National Science Agency - Multiple
https://www.csiro.au/en/research/natural-environment/ecosystems/Emerging-contaminants

State Program has been identified by ITRC's CEC Team

State Program has **not** been identified by ITRC's CEC Team

1. Introduction

This Fact Sheet consists of a table containing representative contaminants of emerging concern (CEC) programs from state, federal, local, and international programs, along with associations with CEC monitoring programs in place at the time of this publication. The purpose of the table is to provide high-level information to help states and other stakeholders plan their own CEC monitoring programs to monitor the impact of CEC in the common environmental matrices. The White Paper defines the CEC, but the CEC selection criteria to be included in the state-based CEC monitoring program can vary from state to state subject to the state CEC selection criteria, regulations, and policy. For instance, in some states, 1,4-dioxane might be regulated and no longer considered a CEC for drinking water; at the same time, it may be considered to be a CEC for soil and groundwater. When this publication was prepared, the programs included in the CEC monitoring spreadsheet were searchable and had open-source information and were expected to remain accessible.

This Fact Sheet does not include CEC programs that only include introductory information to generally communicate what a CEC is and where a CEC comes from (e.g., CEC-containing products) or do not have CEC monitoring programs.

Details about how to use the table are below.

1.1 How to Use the Table

Each column can be sorted and filtered. Each column is described below. Blank cells indicate no information was identified at the time this table was created.

1.2 Column Details

State/Fed/Others = name of the state or federal agency or association

Agency = full agency name

Agency Acronym = agency acronym

Program area (categories) = Air Quality, Biomonitoring, Drinking water, Ecology, Environmental protection, Groundwater, Hazardous substances, Health, Multiple (see description), Other (see description or notes), Remediation, Solid and hazardous wastes, Spill prevention, Stormwater, Surface water, Wastewater and biosolids, Water quality, Water resources

Focus Area = additional details of program area, if applicable

Monitoring Media (categories) = Air, Biological tissues, Drinking water, Groundwater, Human Health, Multiple (see description or notes), Other (see description or notes), Solid waste, Stormwater, Surface water, Wastewater

CEC = description of which contaminants of emerging concern are addressed in the monitoring program

Description = short description of the monitoring program and additional details, if needed

Legislation or Executive Order = reference to legislation, if applicable

Web link = link to home of the monitoring program

CEC database = link to specific database, if applicable for the CEC

1.3 Types of Programs That Are NOT Included in This Table

The following types of programs are not included in the table:

- Those geared toward only public education, such as “What are PFAS?”
- Those that detail sampling methods, analytical methods, and compliance limits.
- Those that are specific to one site.
- Those that describe just physical and chemical properties.
- Those that list toxicity values or derivations of toxicity values.
- Those that regulate and monitor parent compounds that have the potential to degrade or break down to a CEC.
- Those that monitor products, such as personal care products

1.4 Limitations of This Table

This table does not address biological and radionuclide CEC.

This table does not report monitoring programs related to personal care or consumer products such as paper, textiles, or others within the built environment.

Download table

CEC Monitoring Programs Video

This video consists of a tutorial of the CEC Monitoring Programs Table. It discusses the types of programs and media covered by the table, as well as its limitations. A walk-through on how to use the table is included toward the end of the video.
CEC Monitoring Table Tutorial Video