

Tap Water Study Detects PFAS 'Forever Chemicals' Across The US According to the USGS

What Can Be Done To Filter Water

MOORESVILLE, NC, UNITED STATES, July 17, 2023 /EINPresswire.com/ -- How Safe is Tap Water?

This [USGS research](#) marks the first time anyone has tested for and compared PFAS in tap water from both private and government-regulated public water supplies on a broad scale throughout the country. Those data were used to model and estimate PFAS contamination nationwide. This USGS study can help members of the public to understand their risk of exposure and inform policy and management decisions regarding testing and treatment options for drinking water.

PFAS are a group of synthetic chemicals used in a wide variety of common applications, from the linings of fast-food boxes and non-stick cookware to fire-fighting foams and other purposes. High concentrations of some PFAS may lead to adverse health risks in people, according to the U.S. Environmental Protection Agency. Research is still ongoing to better understand the potential health effects of PFAS exposure over long periods of time. Because they break down very slowly, PFAS are commonly called “forever chemicals.” Their persistence in the environment and prevalence across the country make them a unique water-quality concern.

When turning on tap and fill up a glass of water, ever stop and wonder how safe it truly is to drink? We often take for granted that the water coming out of the faucets is clean and free from harmful contaminants. However, recent studies have shed light on the presence of dangerous substances such as PFAS, arsenic, and lead in tap water. In this post, we will explore what can be done to filter water effectively. So grab a glass of filtered water (just to be safe!) and let's dive in!

What Can Be Done To Filter Water

From simple solutions to more advanced filtration systems, there are several options available to ensure that the water is clean and free from harmful substances. One of the easiest ways to filter tap water is by using a pitcher with a built-in filter. These pitchers typically use activated carbon filters, which can effectively remove common contaminants like chlorine, sediment, and some heavy metals.

For a more permanent solution, installing an under-sink or countertop water filtration system

may be worth considering. These systems connect directly to your existing plumbing and provide filtered water on demand. Some models even include multiple stages of filtration, targeting specific contaminants such as PFAS or lead.

Another popular option is faucet-mounted filters, which attach easily to your existing faucet without any complicated installation process. These filters are convenient for everyday use and often incorporate activated carbon technology along with additional layers for enhanced contaminant removal.

Concerned about their showering or bathing water, investing in a whole-house filtration system might be the way to go. These comprehensive systems treat all incoming water before it reaches any faucets or appliances in the home. They can effectively remove not only chemical pollutants but also sediment and microbial contaminants.

Regardless of the type of filter chosen, it's essential to regularly replace filter cartridges according to manufacturer recommendations to maintain optimal performance. Remember that while filtering tap water helps reduce many potential risks associated with contaminants like PFAS, arsenic, and lead; it's always wise to stay informed about the quality of your local drinking supply through annual testing conducted by certified laboratories specialized in analyzing these elements specifically

[What Filters Work Best](#)

When it comes to ensuring the safety of your tap water, one of the most effective steps you can take is using a water filter. But with so many options available on the market, how do you know which filters work best? Let's explore some top choices.

Activated carbon filters are popular for their ability to remove impurities like chlorine and volatile organic compounds (VOCs) from water. These filters use activated carbon granules or blocks that have been specially treated to increase their adsorption capacity. They are widely regarded as an effective choice for improving taste and odor in drinking water.

Reverse osmosis (RO) systems are another option to consider. This filtration method involves forcing water through a semipermeable membrane to remove contaminants such as PFAS, arsenic, lead, and other impurities. RO systems typically consist of multiple stages that help ensure thorough purification.

Ceramic filters are also worth mentioning for their ability to effectively remove bacteria and protozoa from drinking water. These filters contain small pores that trap microorganisms while allowing clean water to pass through.

UV disinfection systems utilize ultraviolet light to kill bacteria, viruses, and other harmful organisms present in the water. While they do not physically remove impurities like heavy metals

or chemicals, UV disinfection provides an additional layer of protection against microbial contamination.

Choosing the right filter depends on specific needs and concerns regarding tap water quality. It's important to research different options thoroughly before making a decision that aligns with requirements.

[Solid Carbon Block Filters](#): The Safest Option for Clean Water

When it comes to filtering tap water, there are many options available. However, the safest and most effective solution, look no further than solid carbon block filters.

Unlike other types of filters that use multiple stages or materials to remove contaminants, solid carbon block filters operate using a single block of activated carbon. This unique design allows them to effectively capture and remove a wide range of pollutants from your water supply.

One of the main advantages of solid carbon block filters is their ability to effectively reduce PFAS (per- and polyfluoroalkyl substances), arsenic, lead, and other harmful contaminants found in tap water. These filters have been proven to be highly efficient in removing these substances, providing you with peace of mind knowing that you're drinking clean and safe water.

In addition to their exceptional filtration capabilities, solid carbon block filters also offer long-lasting performance. They can typically last much longer than other types of filter cartridges before needing replacement. This not only saves money but also reduces waste by minimizing the number of cartridges disposed into landfills.

Moreover, these filters are easy to install and maintain. With simple instructions provided by the manufacturer or a professional plumber if needed, you can easily set up a filter system without any hassle. Regular maintenance involves replacing the cartridge as instructed by the manufacturer's guidelines – usually every six months or so – ensuring continued high-quality filtration for years to come.

It's important to note that while solid carbon block filters provide excellent protection against many common contaminants found in tap water such as PFASs, arsenic, lead; they may not eliminate all potential impurities present in your specific area's water supply. Therefore it's always advisable to check local reports on water quality or consult with experts who can assess any additional steps necessary depending on your location.

In conclusion when it comes down to protecting yourself and loved ones from contaminants in tap water, solid carbon block filters are the top choice.

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