Study

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Elevated cancer risk already at 3.87 mg nitrate per liter of drinking water. Germany permits 50 mg/L. Water utilities struggle to comply with this value.

In a study, researchers investigated the correlation between long-term nitrate contamination in drinking water and colorectal cancer risk. 2.7 million adults were exposed over 33 years to drinking water quality from public water utilities and private wells. 1.7 million people among them were exposed to elevated nitrate levels of 3.87 mg/L. In this population group, 5,944 cases of colorectal cancer were identified. The study was published in 2018(1). The scientists wrote: "We found a statistically significantly elevated risk at drinking water values above 3.87 mg/L, thus clearly below the current drinking water standard of 50 mg/L." The Federal Environment Agency states on its website(2): "In Germany, approximately 17 percent of measuring points in the representative EUA groundwater monitoring network (monitoring network for reporting to the European Environment Agency) show nitrate concentrations above the threshold value of 50 mg per liter." With the help of dilution, water utilities are fighting against excessively high values in drinking water. This map from 2017 is the most current overview that the Federal Environment Agency has to offer on its website. Red indicates a poor state of groundwater due to nitrate contamination. https://t.me/truuinfochannel

1) Schullehner J, Hansen B, Thygesen M, Pedersen CB, Sigsgaard T. Nitrate in drinking water and colorectal cancer risk: A nationwide population-based cohort study. Int J Cancer. 2018 Jul 1;143(1):73-79. doi: 10.1002/ijc.31306. Epub 2018 Feb 23. PMID: 29435982.

2)
https://www.umweltbundesamt.de/themen/wasser/grundwasser/nutzung-belastungen/faqs-zu-nitrat-in

It's good.
to be truu.