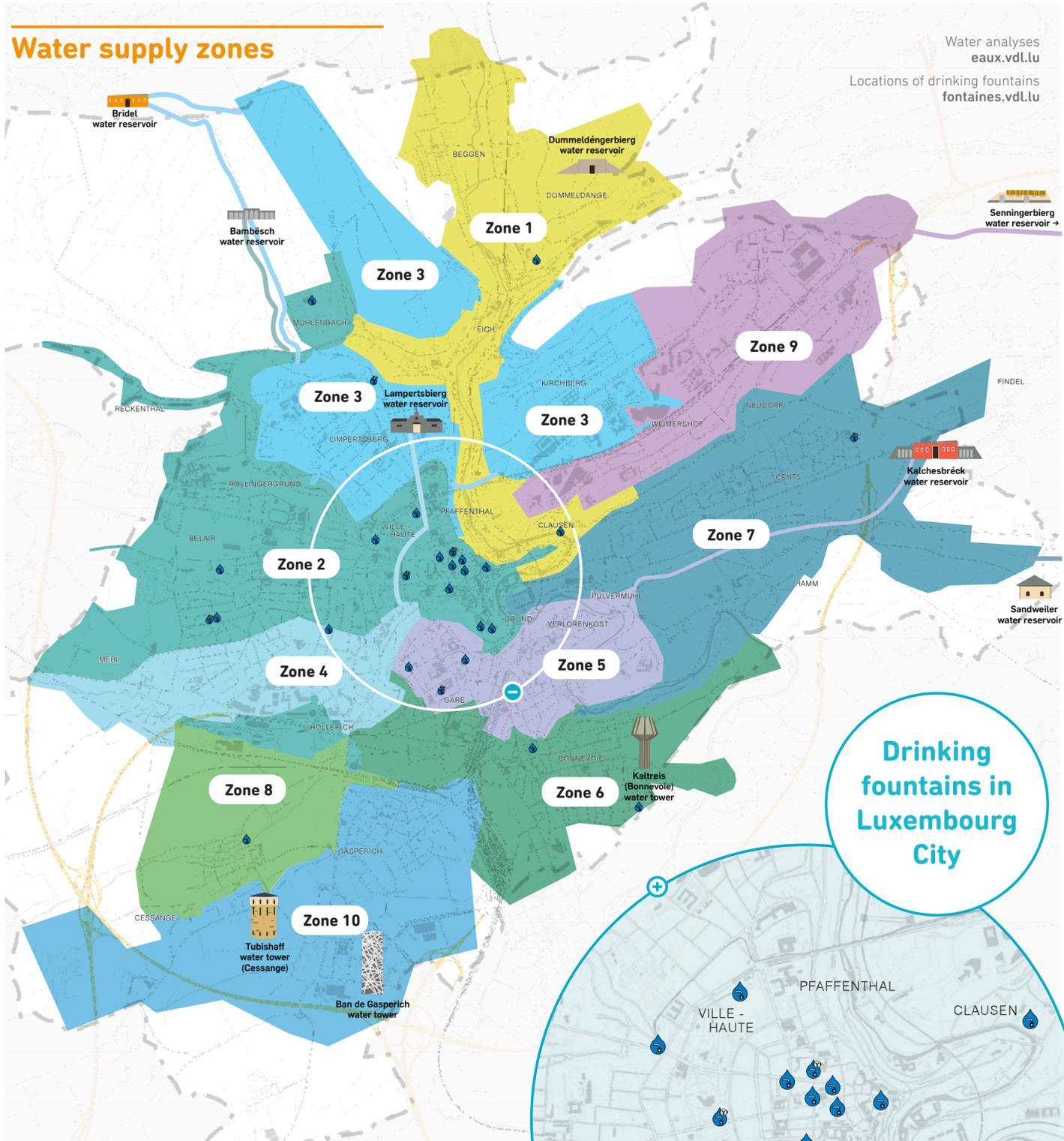
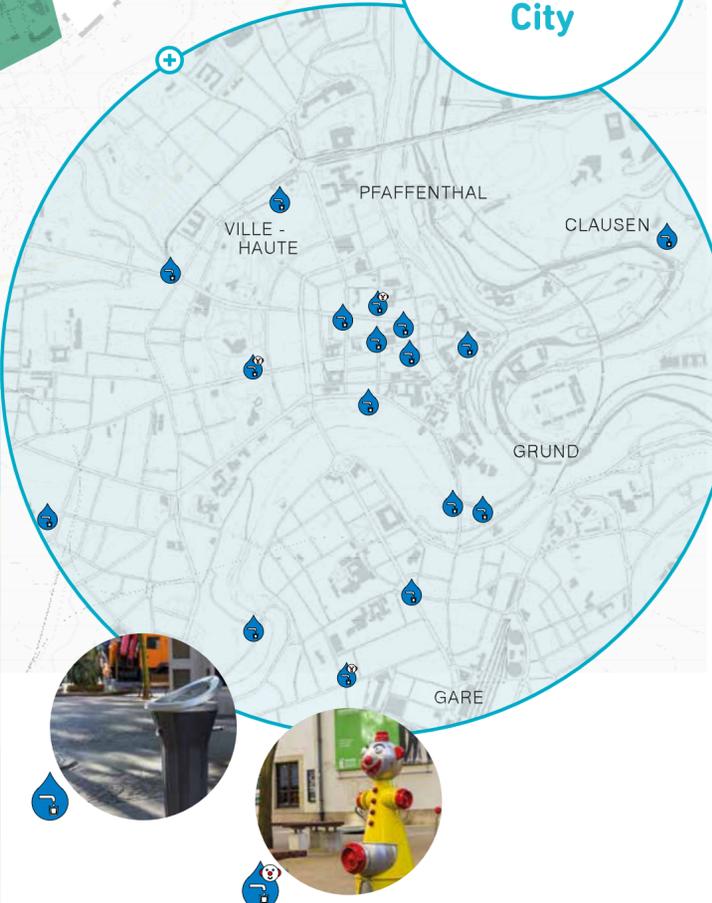


Water supply zones



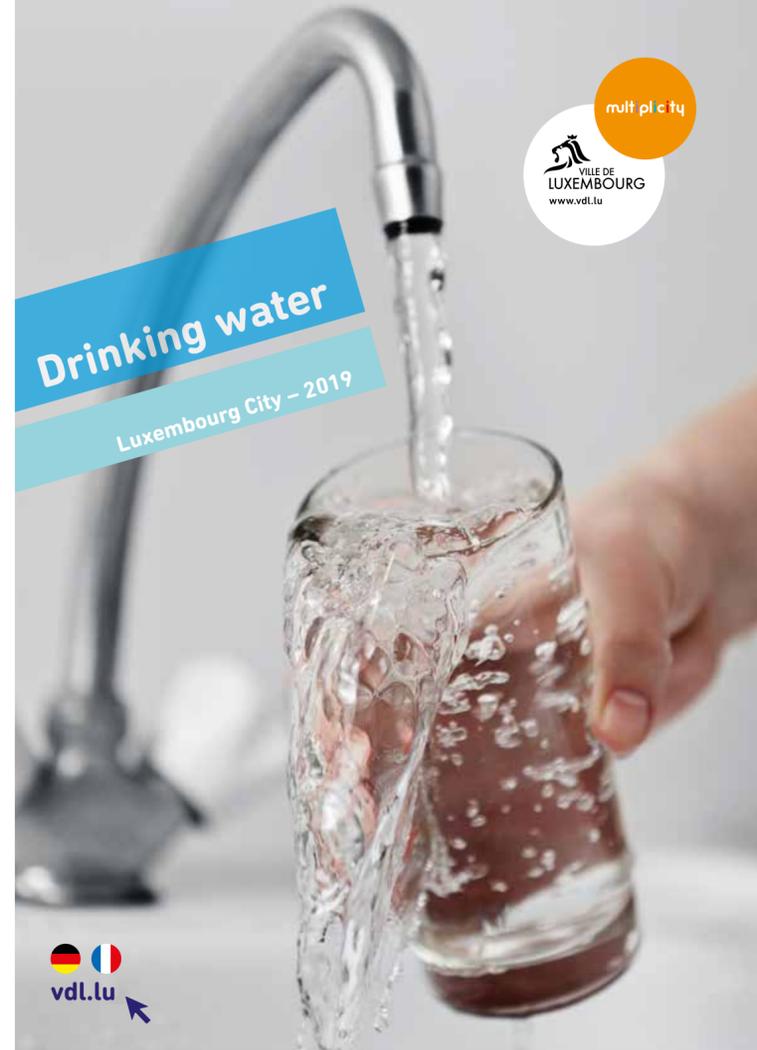
Drinking fountains in Luxembourg City



Zones	Reservoirs	District	Source	Total hard-ness in German degrees (dH)	Hardness category
1	Dummeldéngerbierg	Beggen, Dommeldange, Eich, Pfaffenthal, Clausen (sections), Mühlenbach (sections), Weimerskirch (sections)	100% Glaasburen springs	15.5–19.0	3
2	Bambësch	Belair, Grund, Merl (sections), Rollingergrund, Mühlenbach (sections), Ville-Haute, Clausen (sections)	70% Millebaach and Siveburen springs, 27% SEBES, 3% Kopstal springs	12.5–20.0	2–3
3	Bridel	Eicherfeld, Kirchberg (sections), Limpertsberg, Weimerskirch (sections)	10% Kopstal springs, 90% SEBES	4.5–8.5	1–2
4	Lampertsberg	Merl (sections), Hollerich (sections), Belair (sections)	100% Millebaach and Siveburen springs	13.0–20.0	2–3
5	Kalchesbréck	Pulvermühl, Verlorenkost, Bonnevoie (sections), Gare (sections), Hollerich (sections)	36% Birelergronn springs, 23% Polfermillen spring, 41% SEBES	13.0–18.0	2–3
6	Kaltreis	Gare (sections), Hollerich (sections), Bonnevoie (sections)	90% Polfermillen spring, 10% SEBES	17.0–20.0	3
7	Sandweiler	Cents, Hamm, Neudorf, Fetschenhof, Weimershof (sections)	71% Birelergronn springs, 29% SEBES	11.0–18.0	2–3
8	Tubishaff	Cessange (sections), Gasperich (sections), Hollerich (sections)	100% SEBES	4.0–5.0	1
9	Senningerberg	Kirchberg, Weimershof (sections)	100% SEBES	4.0–5.5	1
10	Ban de Gasperich	Cessange (sections), Gasperich (sections)	100% SEBES	4.0–5.0	1

15 golden rules

- Do not run water while shaving, washing your hands or brushing your teeth
- Use a cup of water to rinse after brushing your teeth
- Replace leaky faucets and washers
- Put flow reducers on faucets. These are sometimes called aerators
- Equip toilets with water-saving flushes (dual control)
- Shower instead of taking baths
- Buy water- and energy-saving dishwashers and washing machines
- Run dishwashers and washing machines only when they're full
- When washing dishes by hand, don't let the water run, instead fill two basins (one for washing, one for rinsing)
- Wash your vegetables over a basin and reuse the water for your household plants
- Clean your car at a car wash, rather than in your garden or on the street. Not only will dirty water be treated, but high-pressure cleaning uses three times less water than garden hoses.
- Use a drip watering system or a porous pipe to regulate the amount of water
- Water in the evenings when evaporation is slower
- Make maximum use of other water resprings: rain water, kitchen waste water (e.g. to water lawns and gardens)



CONTACT

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47 96-28 83

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Deutsche Ausgabe bestellbar unter 4796-5005 oder auf eaux.vdl.lu

Pour recevoir la version française, appelez le 4796-5005 ou allez sur eaux.vdl.lu

Key water supply figures

Key network figures



Tap water

Tap water, which is delivered straight to your home 24/7, is:

- high in quality
- suitable for drinking every day
- well balanced
- good for your wallet
- environmentally friendly

78
people

work 24 hours a day, 365 days a year, to help provide the highest possible quality of drinking water.

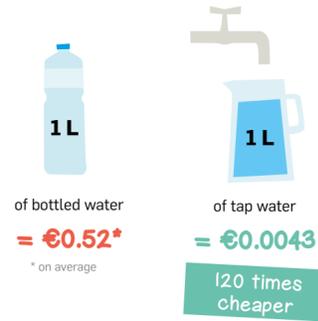
Drinking the City's tap water is a pleasant and refreshing way to quench your thirst. When properly supplied, it should be clear and colourless, with no unpalatable taste or odour. It is a natural product containing a variety of trace elements and minerals, and its taste varies depending on the properties of the rocks and soils it flows through. Depending on the location, the calcium content may vary, making it more or less hard.

Did you know?

Zero waste?

City water is delivered without packaging. Drink tap water and reduce waste!

About prices



Testing

Drinking water is regularly subjected to stringent testing. The water supplied by the City undergoes chemical and microbiological testing in the springs and reservoirs, as well as in the supply network.

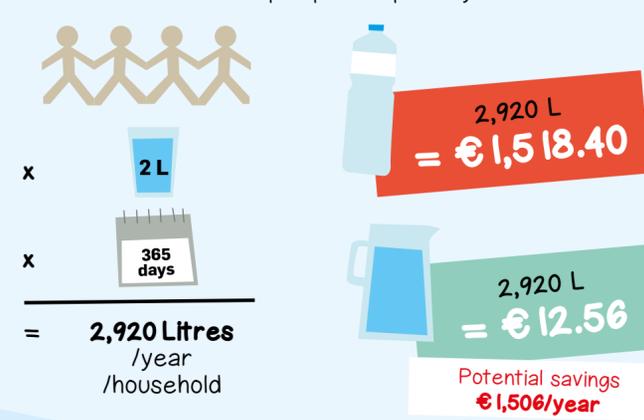
The quality of the drinking water supplied to your home meets the standards set by the Grand Ducal Regulation of 7 October 2002 on the quality of water intended for human consumption (*règlement grand-ducal du 7 octobre 2002 relatif à la qualité des eaux destinées à la consommation humaine*). Drinking water is the most strictly regulated and stringently tested foodstuff in the European Union. The number of checks is defined according to the volume distributed or produced each day within a supply zone.

These include, in particular:

- routine checks, which are performed monthly, during which 28 parameters are analysed in all,
- complete assessments, which are performed 2-3 times per year, during which 156 parameters, including 59 different pesticides, are analysed in all,
- self monitoring of water springs and reservoirs, which is conducted regularly and includes two sets of complete tests per year, chemical analyses of the springs, and weekly tests.

The *Service Eaux* (Water Department) conducts a total of over 2,000 tests per year. The water analysis results for the City's different supply zones are published on www.eaux.vd.lu.

A household of 4 that drinks 2 litres of water per person per day



Does the water contain...

...nitrates?

Nitrates occur naturally in many foods (cold meats, vegetables, fruits, etc.). Luxembourg City's water has an average nitrate content of 20-30 mg/l, which is within the limit set by national legislation. You can drink the water all year round with no health risks.

...pesticides?

Pesticides, which are a health hazard and are used in large quantities in the form of weedkillers and fungicides, leach into groundwater. The activated carbon filtration process at the Polfermillen pumping

station removes pesticides and their metabolites from groundwater, ensuring the drinking water is free of pesticides. At the other pumping stations, the pesticide content in the groundwater meets the standards set by national legislation.

...lead?

There is no lead in the drinking water supplied by the City. If lead is detected in the drinking water at your home, it has entered the water supply through the pipes in your home. If you are not sure about the condition of your home plumbing system, please contact your building manager or landlord. The Ministry of Health (*Ministère de la Santé*) recommends letting the water run for a few seconds before you drink it.

When you're eating out

The tap water in restaurants comes from the same supply network as the water in your home and meets the same quality standards as your household water.



When you're out and about

From spring to autumn, you can use your own water bottle and fill it at one of the City's 26 public fountains and water supply points. Many cafés and other establishments throughout the city also let you fill your own water bottle. Look for the "Refill Station" sticker displayed in the windows of these establishments.



Do you need a water softener?

Water softeners replace calcium and magnesium molecules (which are the main contributors to water hardness) with sodium molecules so as to prevent calcium precipitation.

For total hardness > 17°dH, we recommend that you install a softener. However, we strongly recommend a residual hardness of between 6°dH and 9°dH to prevent pipes from corroding.

You are strongly advised not to plug the softener into the cold water system, as a high concentration of sodium in your cold water is not healthy.

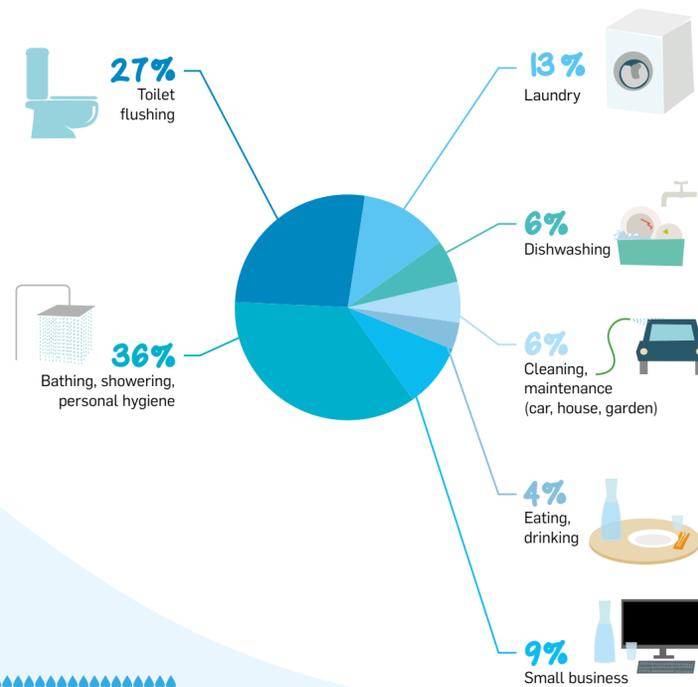
Above all, you should carefully follow the installation and maintenance instructions for this equipment to prevent bacterial contaminants from developing in your tap water.

Virtual water trade

Virtual water refers to the total amount of water required to produce an agricultural or industrial product, or deliver a service. In other words, it is the total amount of water needed to produce something. The term "virtual water" is used because it is generally not found in the finished products.



Household water use



Where does your water come from?

The composition of the water supplied to Luxembourg City residents varies slightly from one supply zone to another. Go to eaux.vd.lu to find out the exact composition of your water.

