



Vereniging van waterbedrijven in Nederland

A close-up photograph of a silver faucet pouring clear water into a clear glass. The water is captured mid-pour, creating a dynamic splash and bubbles within the glass. The background is a soft-focus green and blue, suggesting an outdoor setting. The image is tilted slightly to the right.

Drinking water fact sheet 2021

Introduction

This leaflet gives an overview of core data on the drinking water sector and drinking water companies. Additionally, time series give insight into trends in the sector. The data are from the Vewin benchmark database, Vewin's annual 'Overview of water charges' and the study 'Household drinking water consumption' which is periodically conducted for Vewin. The maps on hardness of drinking water, drinking water abstraction locations, groundwater protection areas and surface water resources were compiled by KWR Watercycle Research Institute.



General indicators per supply area ¹⁾

	Inhabitants x 1,000	Surface km ²	Employees ²⁾ FTE	Network km
Brabant Water	2,563	5,016	669	18,313
Dunea	1,342	606	482	4,954
Evides Waterbedrijf	2,056	3,500	569	12,465
Oasen	790	1,115	249	4,230
PWN	1,749	2,465	550	10,137
Vitens	5,807	15,147	1,282	48,427
Waternet	1,058	350	495 ³⁾	2,782
Waterbedrijf Groningen	600	2,403	218	5,261
WMD Drinkwater	438	2,468	186	4,869
WML	1,116	2,209	395	8,807
The Netherlands	17,519	35,279	5,097	120,244

¹⁾ By December 31, 2020

²⁾ Full-time equivalents own pay-roll

³⁾ FTEs working for water supply only

Sector fundamentals

	2005	2015	2019	2020
Number of companies	16	10	10	10
Employees (FTE)	4,991	4,945	4,996	5,097
Investments (million €)	459	468	597	643
Taxes on drinking water (million €)	370	414	495	516
Production (million m ³)	1,137	1,136	1,187	1,225
Network length (x 1,000 km)	113	119	120	120
Connections (x 1,000)	7,349	7,964	8,318	8,429
Non-revenue water (million m ³)	54	65	67	72 ¹⁾

¹⁾ Provisional figure

Drinking water per supply area in 2020

	Connections ¹⁾ x 1,000	Production million m ³	Sales ²⁾ million m ³	Turnover ²⁾ million €
Brabant Water	1,246	200	187	171
Dunea	644	82	77	131
Evides Waterbedrijf	1,104	174	158	213
Oasen	362	44	49	73
PWN	824	96	109	178
Vitens	2,668	382	363	357
Waternet	528	93	69	96
Waterbedrijf Groningen	294	46	46	48
WMD Drinkwater	206	36	30	33
WML	554	72	72	96
The Netherlands	8,429	1,225	1,159	1,396

¹⁾ Number of connected properties by December 31, 2020

²⁾ Of drinking water supplied in own supply area

Sector development of water sales and price ¹⁾

	2005	2015	2019	2020
Sales (million m ³)	1,087	1,081	1,128	1,159
Turnover (million €)	1,446	1,356	1,338	1,396
Average price (€/m ³) ²⁾	1.52	1.61	1.59	1.61
• Costs water company	1.18	1.23	1.15	1.17
• Groundwater levies + distribution reimbursements	0.15	0.03	0.04	0.04
• Tap Water Tax + VAT	0.19	0.35	0.40	0.41
Real price, 2020=100 (€/m ³) ³⁾	1.93	1.73	1.61	1.61

¹⁾ Of drinking water supplied in own supply area

²⁾ Over-all price (households and business users)

³⁾ Average price adjusted for inflation

Residential drinking water rate per company ¹⁾

	2020	2021		Difference	
	Total ²⁾ €/m ³	Standing charge €/year	Volumetric rate €/m ³	Total ²⁾ €/m ³	Total 2021 vs. 2020 %
Brabant Water	1.13	69.84	0.46	1.16	2.1%
Dunea	1.57	60.36	1.00	1.60	1.8%
Evides Waterbedrijf	1.55	70.72	0.86	1.57	1.0%
Oasen	1.46	75.00	0.73	1.48	1.1%
PWN	1.74	53.93	1.22	1.76	1.4%
Vitens	1.04	42.00	0.64	1.06	1.9%
Waternet	1.54	76.42	0.83	1.59	3.3%
Waterbedrijf Groningen	1.14	52.15	0.67	1.19	4.2%
WMD Drinkwater	1.27	69.98	0.63	1.33	5.0%
WML	1.48	87.25	0.78	1.65	11.8%
The Netherlands ³⁾	1.31	59.53	0.75	1.35	2.7%

¹⁾ Based on the company tariff arrangement for metered houses; excl. distribution reimbursements; excl. Tap Water Tax and VAT

²⁾ Total rate calculated for a family using 100 m³ of drinking water per year (standing charge/100m³ + volumetric rate)

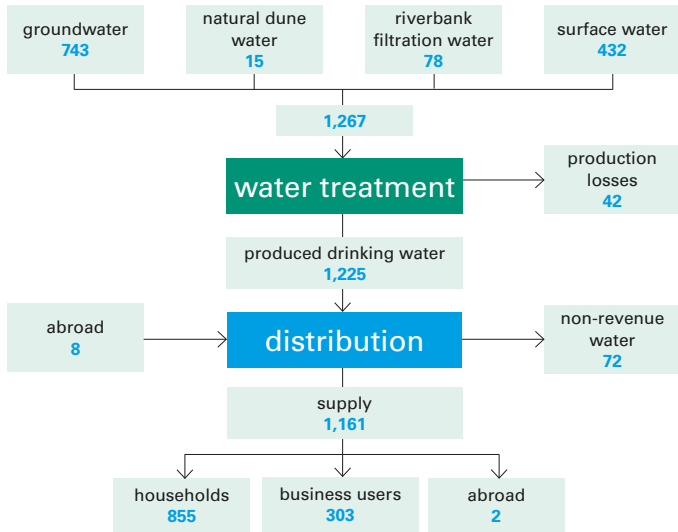
³⁾ Weighted average according to inhabitants per area; including distribution reimbursements the total tariff amounts to € 1.35/m³ and € 1.38/m³ (+2.5%)

Development residential drinking water price

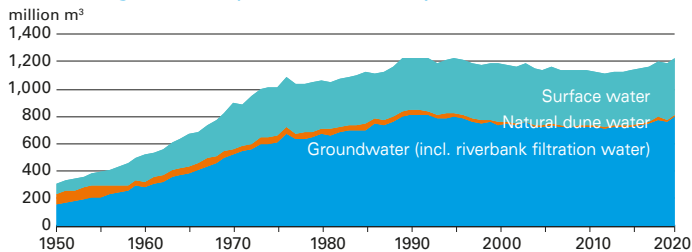


¹⁾ National groundwater tax (until 2012), provincial groundwater levies, distribution reimbursements, Tap Water Tax and VAT

Drinking water balance 2020, in million m³

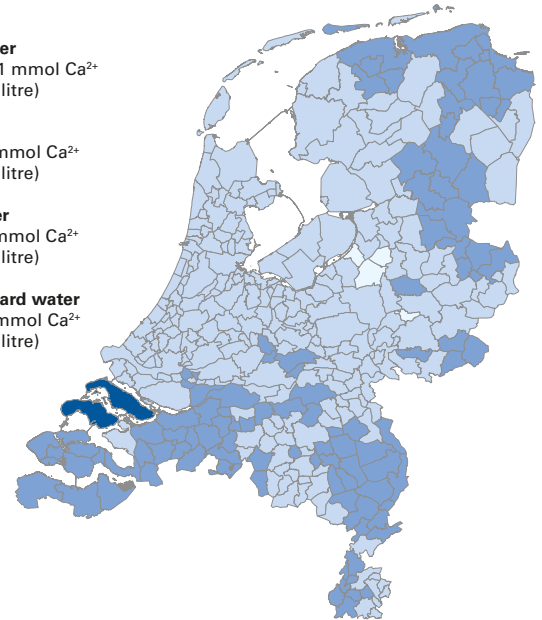


Drinking water production by source

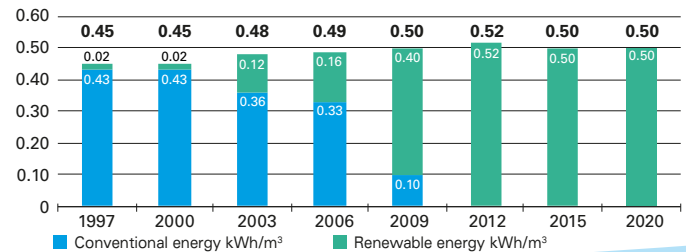


Hardness of drinking water

- **Very soft water**
(maximal 0.71 mmol Ca²⁺ and Mg²⁺ per litre)
- **Soft water**
(>0.71 - 1.43 mmol Ca²⁺ and Mg²⁺ per litre)
- **Average water**
(>1.43 - 2.14 mmol Ca²⁺ and Mg²⁺ per litre)
- **Moderately hard water**
(>2.14 - 2.39 mmol Ca²⁺ and Mg²⁺ per litre)



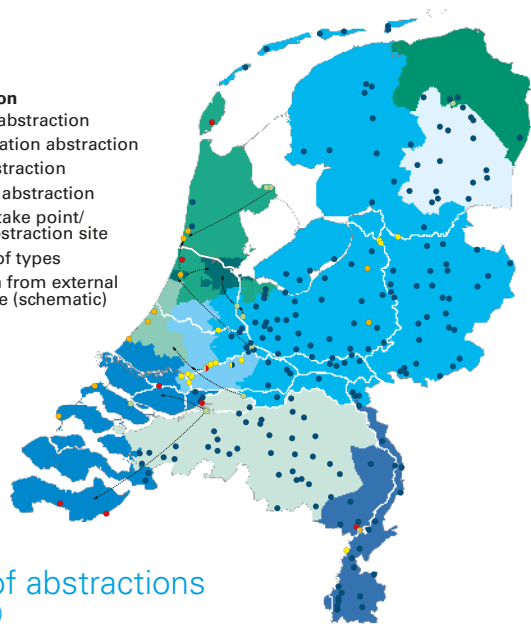
Energy used for production and distribution



Drinking water abstraction locations

Type of abstraction

- Groundwater abstraction
- Riverbank filtration abstraction
- Infiltration abstraction
- Surface water abstraction
- Emergency intake point/
Emergency abstraction site
- ⊕ Combination of types
- Transportation from external
abstraction site (schematic)



Number of abstractions per type ¹⁾

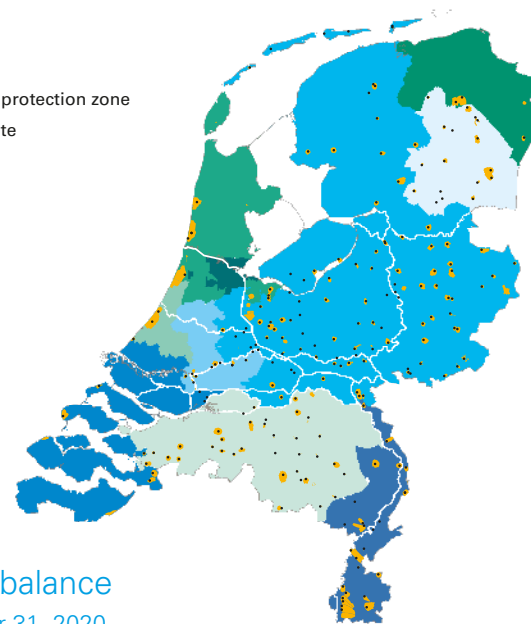
Groundwater abstraction site	192
Riverbank filtration abstraction site	14
Infiltration abstraction site	11
Surface water abstraction site	10
Total	227

¹⁾ Excluding emergency abstractions. Mixed abstractions (e.g. a combination of surface water abstraction and riverbank filtration abstraction) are included in both categories.

Groundwater protection zones

Groundwater protection zone

- Abstraction site

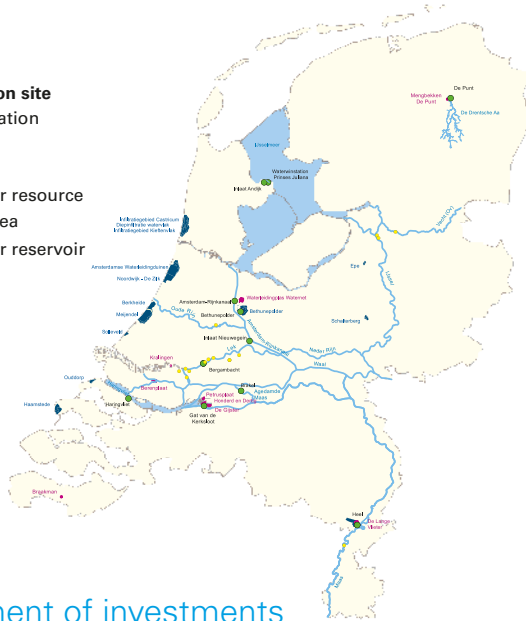


Financial balance by December 31, 2020

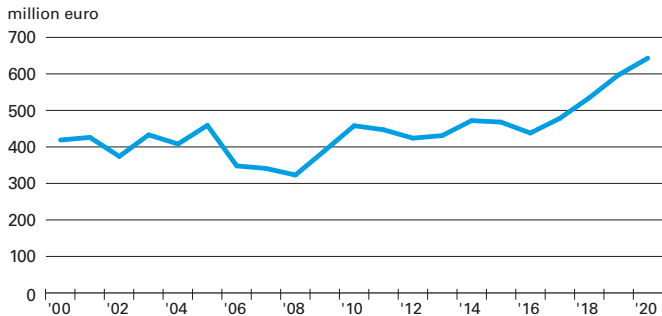
Assets	million €	Liabilities	million €
Tangible fixed assets	6,740	Share capital	36
Intangible fixed assets	92	Reserves	2,689
Financial fixed assets	316	Contributions third parties	428
Stocks	15	Provisions	220
Account receivables/debtors	396	Long-term loan capital	3,308
Liquid assets/cash	13	Short-term loan capital	891
Total	7,572	Total	7,572

Surface water resources for drinking water

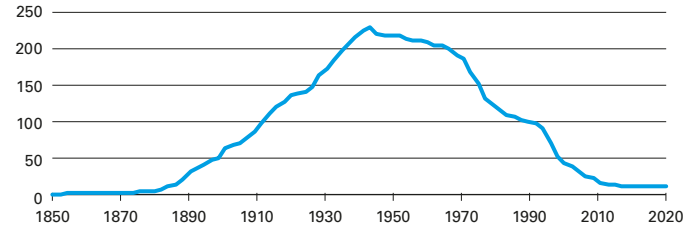
- Type of abstraction site**
- Riverbank filtration
 - Surface water
 - Surface water reservoir
- Surface water resource**
- Infiltration area
 - Surface water reservoir



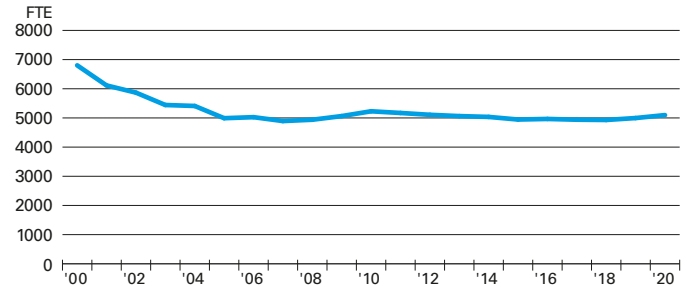
Development of investments



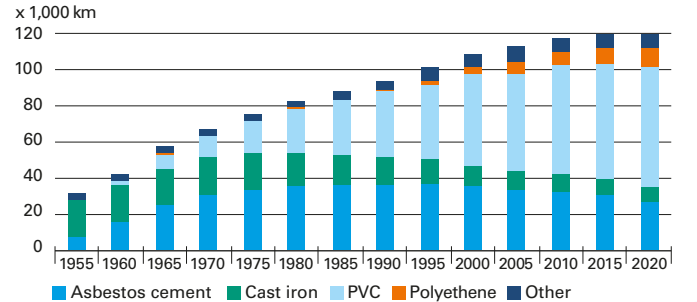
Development of the number of companies



Development of the number of employees



Development of the drinking water network



Breakdown of domestic water consumption

litre/person, per day	1995	2004	2007	2010	2013	2016
Bath	9.0	2.8	2.5	2.8	1.8	1.9
Shower	38.3	43.7	49.8	48.6	51.4	49.2
Washbasin	4.2	5.1	5.3	5.0	5.2	5.2
Toilet flush	42.0	35.8	37.1	33.7	33.8	34.6
Washing, by hand	2.1	1.5	1.7	1.1	1.4	1.3
Washing, by machine	25.5	18.0	15.5	14.3	14.3	14.1
Washing up, by hand	4.9	3.9	3.8	3.1	3.6	3.5
Washing up, by machine	0.9	3.0	3.0	3.0	2.0	2.5
Food preparation	2.0	1.8	1.7	1.4	1.0	1.2
Drinking coffee, tea and water	1.5	1.6	1.8	1.8	1.0	1.3
Other	6.7	6.4	5.3	5.3	3.4	4.5
Total	137.1	123.8	127.5	120.1	118.9	119.2

Customer satisfaction

Report mark given by customer	2003	2006	2009	2012	2015	2019
Service of the water company	7.6	7.6	7.6	7.7	7.9	8.1
Drinking water quality	7.7	8.0	8.3	8.4	8.5	8.7



Vereniging van waterbedrijven in Nederland

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