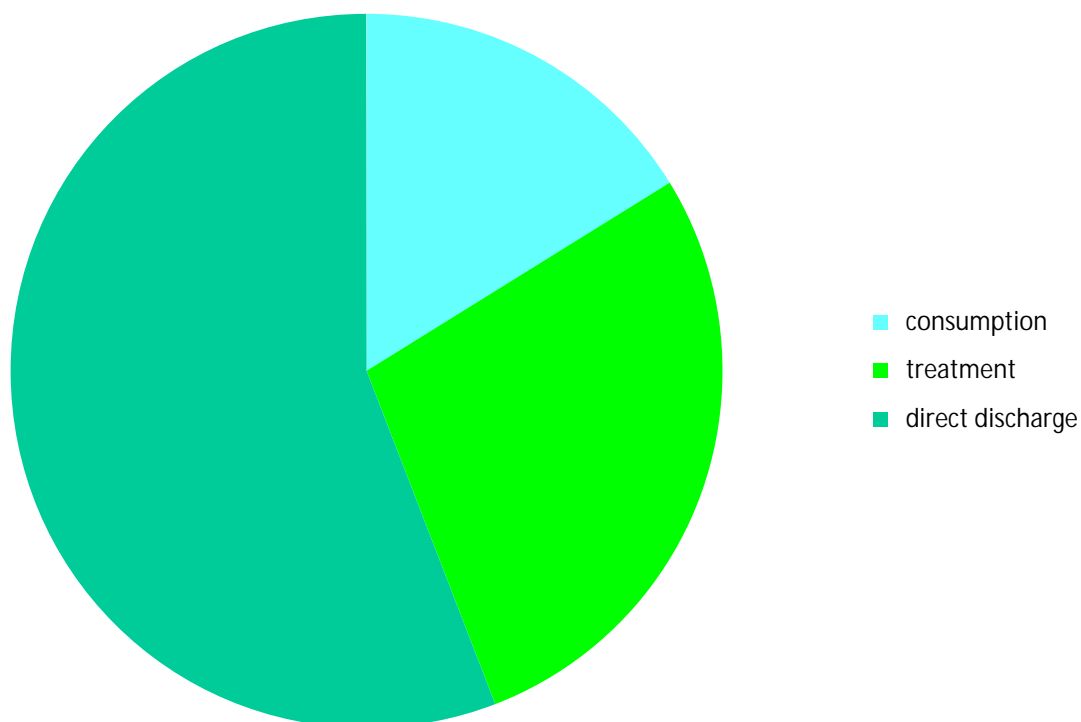


## Water consumption

Roche is dependent on clean water for the production of pharmaceutical and diagnostic goods. In 2011, 3.3 million m<sup>3</sup> of water were consumed, i.e. became a constituent part of a product, were vaporised in refrigeration or air conditioning plants or were used for irrigation. This corresponds to a decrease of 9% relative to the preceding year.

11.4 million m<sup>3</sup> (more than half of the total quantity of water originating from various sources) were used in cooling circuits and were thus not chemically contaminated. After thorough testing, this volume was returned to watercourses without further treatment. 5.7 million m<sup>3</sup> were purified in an effluent treatment plant as chemically contaminated waste water before being discharged.

### Water consumption (mio m<sup>3</sup>)



2011	Withdrawal	Consumption	Treatment plant	Direct discharge
Mio m <sup>3</sup>	20.4	3.3	5.7	11.4