

# **H2020/NAP indicator assessment**

## **Coastal and marine water quality**

*Israel*

**Version: 2.0**  
**Date: 17/07/2020**



*This project is funded by the European Union*



## Indicator Assessment

<b>Indicator Set</b> Water- 5. Coastal and Marine Water Quality	<b>Date</b> [17.07.2020] <b>Author (s)</b> Dr. Daniel Madar, Dr. Moshe Yanai, Dr. Orna Mazner
<b>Indicators Title</b> IND5.2 Bathing water quality.	

**Key policy question** *Is the quality of coastal and marine waters improving?*

**Key messages**

- The quality of Israel's bathing water (microbiological parameters) is excellent for decades, with an average of over 95 % of bathing water samples with high quality results.

**Specific policy question**

What is the quality of bathing waters in terms of microbiological contamination? Is bathing water quality improving?

**Specific figure**

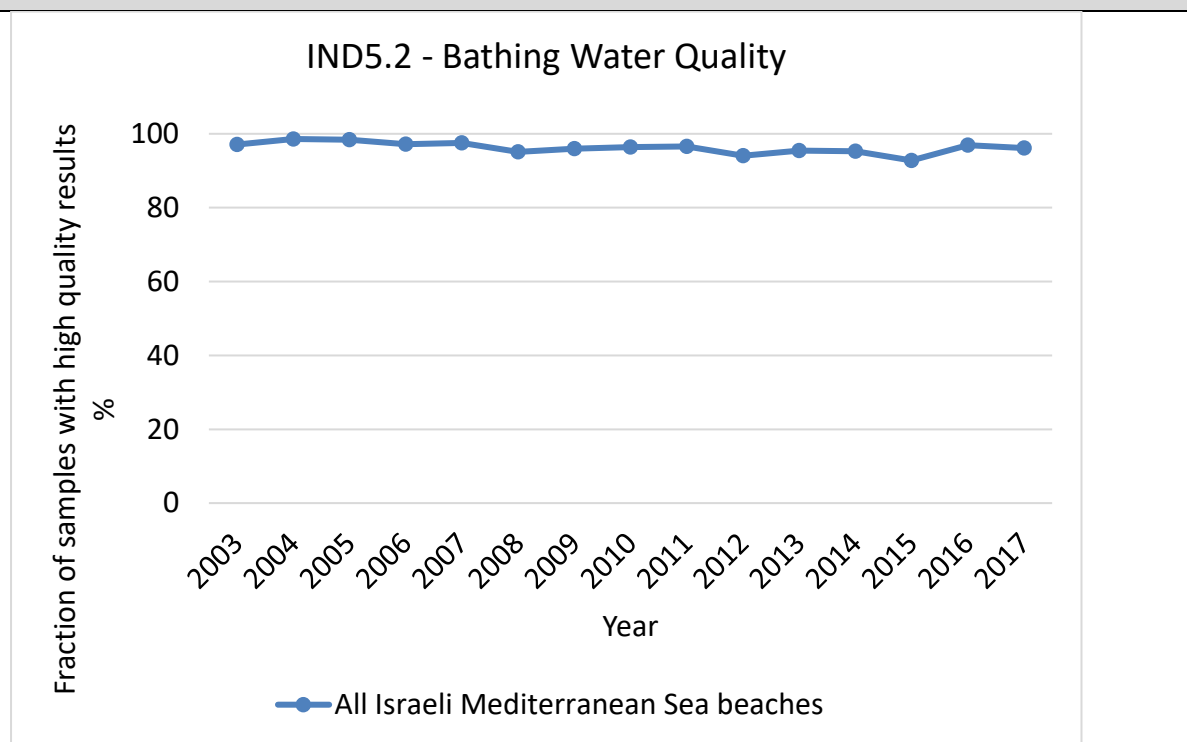


Figure 1 Fraction of bathing water quality samples with high quality results. 2003-2017 (%)



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### Specific assessment text

In terms of microbiological contamination, the bathing water quality in Israel is high for decades. Between 2003-2017, the percentage of high-quality bathing waters samples ranged between 93 - 99% and did not drop below 95 % except 2 years out of the reviewed 15 years (**Errore. L'origine riferimento non è stata trovata.**).

These results represent thousands of samples per year (e.g. 6030 samples in 2017). Until 2009, E.coli (EC) samples were taken in Israeli beaches (percentage of samples with high quality results, <400 EC CFU [colony forming units] in 100 ml of water). Since 2010, intestinal enterococci (IE) samples were taken in Israeli beaches (percentage of samples with excellent results, <104 IE CFU in 100 ml of water). This noted methodology change did not impact the results significantly.

### References in specific assessment text

Data taken from ICBS

### Methodology for indicator calculation

The methodology followed for indicator calculation is described in the H2020 indicator specification sheets:

<https://eni-seis.eionet.europa.eu/south/areas-of-work/indicators-and-assessment>

### Data issues

N/A

