

[Open Peer Review on Qeios](#)

# Behavioural BCI engagement frequency

Behaviour Change Intervention Ontology (BCIO)

## Source

*[Behaviour Change Intervention Ontology \(BCIO\)](#)*

**Definition:** A data item that is about the number of times behavioural BCI engagement occurs within a unit of time.

**Comment:** Describes the frequency of BCI engagement in a BCI (e.g., participants had weekly contact), or the frequency of engagement in part of a BCI (e.g., participants received face-to-face contact once a month). The class “BCI engagement frequency” can be used to capture the frequency of different types of engagement, such as the frequency of engaging with social media or printed material. Depending on how “BCI engagement frequency” is reported in interventions, it can be annotated with different data items, e.g. (1) minimum (e.g., all participants joined at least 1 session every week), (2) maximum (e.g., only 10% of participants attended 5 sessions every week), (3) mean (e.g., participants joined 4 sessions per week on average) or (4) median (e.g., the median number of sessions participants attended was 4 per week).

*This definition was imported from the Behaviour Change Intervention Ontology (see <https://bciosearch.org/>). Comments and suggestions for improvements are welcome using the Qeios review system.*

*Definitions imported from the Behaviour Change Intervention Ontology (BCIO) are what are known as ‘ontological definitions’. See this article in Qeios for an explanation <https://www.qeios.com/read/YGIF9B>.*

*Ontological definitions can sometimes be hard to read. In those cases we also include an informal definition.*

*Definitions also often require elaboration to make it clear how they should be used and what they include. In those cases we include a comment.*



*Also, definitions sometimes require an explanation as to how they came about to help users understand how they relate to alternative definitions. In those cases we include a curator note.*