

# MBCM update 2024

May 2024

## Update factors 2023

### A12.2 Update factors for construction and maintenance costs

#### Cost update factors

The factors for updating construction and maintenance cost estimates prepared in earlier years are:

**Table A12.1: Cost update factors**

Calendar year in which estimate prepared	Factor to adjust to July 2023
2014	1.38
2015	1.37
2016	1.36
2017	1.32
2018	1.31
2019	1.27
2020	1.24
2021	1.20
2022	1.06

### A12.3 Update factors for benefits

#### Benefit update factors

The factors for updating the benefit values in this manual are:

**Table A12.2: Benefit update factors**

Variable	Base Date	Factor to adjust to July 2023
Travel time cost savings <sup>TTC</sup>	July 2021	1.08
Vehicle operating cost savings <sup>VOC</sup>	July 2015	1.35
Crash cost savings <sup>CC</sup>	July 2021	1.14
Comfort benefits <sup>CB</sup>	July 2021	1.08
Driver frustration <sup>DF</sup>	July 2021	1.08
Passenger transport user benefits <sup>PT</sup>	July 2021	1.08
Walking and cycling benefits <sup>WCB</sup>	July 2021	1.08
Travel behaviour change benefits <sup>TBhC</sup>	July 2008	1.38
Emission reduction benefits <sup>ER</sup>	July 2021	1.14