

# MBCM changes for release in Apr 2023

## Update factors 2022

**Table A12.2 Update factors for costs**

**Cost update factors**

The factors for updating construction and maintenance cost estimates prepared in earlier years are:	
Calendar year in which cost estimate was prepared	Factor to update to July 2022
2013	1.32
2014	1.30
2015	1.29
2016	1.29
2017	1.25
2018	1.24
2019	1.20
2020	1.18
2021	1.13

**Table A12.3 Update factors for benefits**

**Benefit update factors**

The factors for updating the benefit values in this manual are:		
Benefit parameter	Base Date	Factor to update to July 2022
Travel time cost savings <sup>TT</sup>	July 2021	1.03
Vehicle operating cost savings <sup>VOC</sup>	July 2015	1.43
Crash cost savings <sup>ACC</sup>	July 2021	1.06
Comfort benefits <sup>CB</sup>	July 2021	1.03
Driver frustration <sup>DF</sup>	July 2021	1.03
Passenger transport user benefits <sup>PT</sup>	July 2021	1.03
Walking and cycling benefits <sup>WCB</sup>	July 2021	1.03
Travel behaviour change benefits <sup>TBhC</sup>	July 2008	1.32
Emission reduction benefits	July 2021	1.06