

Appendix Table A3\_An overview of the resource items consumed by the CWF programme.

Author	Direct Costs	Capital expenditure	Building, construction, land purchases, extension etc.	Equipment	Equipment installation	Fluoride additive pumps	Testing equipment
Goodwin <i>et al.</i> , 2022	✓	✓	✗	✗	✗	✗	✗
Moore <i>et al.</i> , 2017	✓	✓	✗	✗	✗	✗	✗
O'Connell <i>et al.</i> , 2016	✓	✓	✓	✓	✓	✓	✓
Fyfe <i>et al.</i> , 2015	✓	✓	✗	✓	✗	✗	✗
Tchouaket <i>et al.</i> , 2013	✓	✓	✓	✓	✗	✗	✗
Cobiac and Vos, 2012	✓	✓	✗	✓	✗	✗	✗
Ciketic <i>et al.</i> , 2010	✓	✓	✓	✗	✗	✗	✗
Campain <i>et al.</i> , 2010	✓	✓	✗	✓	✓	✗	✓
O'Connell <i>et al.</i> , 2005	✓	✓	✓	✓	✗	✗	✓
Wright <i>et al.</i> , 2001	✓	✓	✗	✓	✓	✓	✗
Griffin <i>et al.</i> , 2001	✓	✓	✗	✓	✗	✗	✓
O'Keefe, 1994	✓	✓	✗	✓	✗	✗	✗
Birch, 1990	✓	✓	✗	✗	✗	✗	✗
Doessel, 1985	✓	✓	✗	✗	✗	✗	✗
Niessen and Douglass,	✓	✓	✗	✓	✗	✗	✗
Carr <i>et al.</i> , 1980	✓	✓	✗	✓	✗	✗	✗
Dowell, 1976	✗	✗	✗	✗	✗	✗	✗
Nelson and Swint, 1976	✓	✓	✗	✗	✗	✗	✗

Appendix Table A3\_An overview of the resource items consumed by the CWF programme.

Author	Safety equipment	Monitoring equipment	Pipes	Storage tanks	Electric wiring	Operating and Maintenance	Labour
Goodwin <i>et al.</i> , 2022	x	x	x	x	x	✓	x
Moore <i>et al.</i> , 2017	x	x	x	x	x	✓	✓
O'Connell <i>et al.</i> , 2016	x	✓	✓	✓	✓	✓	✓
Fyfe <i>et al.</i> , 2015	x	x	x	x	x	✓	✓
Tchouaket <i>et al.</i> , 2013	x	x	x	x	x	✓	✓
Cobiac and Vos, 2012	x	x	x	x	✓	✓	✓
Ciketic <i>et al.</i> , 2010	x	x	x	x	x	x	✓
Campain <i>et al.</i> , 2010	✓	x	x	x	✓	✓	✓
O'Connell <i>et al.</i> , 2005	x	✓	x	x	✓	✓	✓
Wright <i>et al.</i> , 2001	x	✓	✓	x	x	✓	✓
Griffin <i>et al.</i> , 2001	x	✓	x	x	✓	✓	✓
O'Keefe, 1994	x	x	x	x	x	✓	x
Birch, 1990	x	x	x	x	x	✓	x
Doessel, 1985	x	x	x	x	x	✓	x
Niessen and Douglass,	x	x	x	x	✓	✓	✓
Carr <i>et al.</i> , 1980	x	x	x	x	x	✓	✓
Dowell, 1976	x	x	x	x	x	x	x
Nelson and Swint, 1976	x	x	x	x	x	x	✓

Appendix Table A3\_An overview of the resource items consumed by the CWF programme.

Author	Chemical compounds	Indirect Costs	Periodontal treatment	Fluorosis	Political costs associated with CWF
Goodwin <i>et al.</i> , 2022	x	x	x	x	x
Moore <i>et al.</i> , 2017	✓	x	x	x	x
O'Connell <i>et al.</i> , 2016	✓	x	x	x	x
Fyfe <i>et al.</i> , 2015	✓	x	x	x	x
Tchouaket <i>et al.</i> , 2013	✓	x	x	x	x
Cobiac and Vos, 2012	✓	x	x	x	x
Ciketic <i>et al.</i> , 2010	✓	x	x	x	x
Campain <i>et al.</i> , 2010	x	✓	✓	x	x
O'Connell <i>et al.</i> , 2005	✓	x	x	x	x
Wright <i>et al.</i> , 2001	✓	x	x	x	x
Griffin <i>et al.</i> , 2001	✓	x	x	x	x
O'Keefe, 1994	x	✓	x	x	✓
Birch, 1990	x	x	x	x	x
Doessel, 1985	x	x	x	x	x
Niessen and Douglass,	✓	x	x	x	x
Carr <i>et al.</i> , 1980	✓	x	x	x	x
Dowell, 1976	x	x	x	x	x
Nelson and Swint, 1976	✓	x	x	x	x

Appendix Table A4\_An overview of the resource items saved by the CWF

Author	Direct cost savings	Oral exam	Restoration	Single surface amalgam	Two + surface amalgam	Single surface composite
Goodwin <i>et al.</i> , 2022	✓	✗	✗	✗	✗	✗
Moore <i>et al.</i> , 2017	✓	✗	✓	✓	✓	✓
O'Connell <i>et al.</i> , 2016	✓	✗	✗	✓	✓	✓
Fyfe <i>et al.</i> , 2015	✓	✗	✓	✗	✗	✗
Tchouaket <i>et al.</i> , 2013	✓	✗	✗	✗	✓	✗
Cobiac and Vos, 2012	✓	✓	✓	✗	✓	✗
Ciketic <i>et al.</i> , 2010	✓	✓	✓	✗	✓	✗
Campain <i>et al.</i> , 2010	✓	✗	✓	✓	✓	✓
O'Connell <i>et al.</i> , 2005	✓	✗	✗	✓	✓	✓
Wright <i>et al.</i> , 2001	✓	✗	✓	✓	✗	✗
Griffin <i>et al.</i> , 2001	✓	✗	✗	✓	✗	✗
O'Keefe, 1994	✓	✗	✗	✗	✗	✗
Birch, 1990	✗	✗	✗	✗	✗	✗
Doessel, 1985	✓	✗	✓	✗	✗	✗
Niessen and Douglass, 1984	✓	✗	✗	✓	✗	✗
Carr <i>et al.</i> , 1980	✓	✗	✓	✓	✓	✗
Dowell, 1976	✓	✗	✗	✗	✗	✗
Nelson and Swint, 1976	✓	✗	✗	✓	✗	✗

Appendix Table A4\_An overview of the resource items saved by the CWF

Author	Two + surface composite	Silicates/glass ionomer	Crown	Replacement restorations	Extraction	Related treatments
Goodwin <i>et al.</i> , 2022	x	x	x	x	x	x
Moore <i>et al.</i> , 2017	✓	x	x	✓	✓	x
O'Connell <i>et al.</i> , 2016	✓	x	✓	✓	✓	✓
Fyfe <i>et al.</i> , 2015	x	x	x	x	x	x
Tchouaket <i>et al.</i> , 2013	✓	x	x	✓	x	x
Cobiac and Vos, 2012	x	x	x	x	x	x
Ciketic <i>et al.</i> , 2010	x	x	x	x	x	x
Campain <i>et al.</i> , 2010	✓	✓	✓	✓	x	x
O'Connell <i>et al.</i> , 2005	✓	x	✓	✓	✓	x
Wright <i>et al.</i> , 2001	x	x	x	✓	✓	x
Griffin <i>et al.</i> , 2001	x	x	x	✓	✓	x
O'Keefe, 1994	x	x	x	x	x	x
Birch, 1990	x	x	x	x	x	x
Doessel, 1985	x	x	x	x	✓	x
Niessen and Douglass, 1984	x	x	x	x	x	x
Carr <i>et al.</i> , 1980	x	x	x	x	x	x
Dowell, 1976	x	x	x	x	✓	x
Nelson and Swint, 1976	x	x	x	x	x	x

Appendix Table A4\_An overview of the resource items saved by the CWF

Author	Unit of dental activity	Anesthetics	Dentures	Clinician time	Hospital costs	Indirect cost savings
Goodwin <i>et al.</i> , 2022	✓	✓	×	×	✓	×
Moore <i>et al.</i> , 2017	×	×	×	×	✓	×
O'Connell <i>et al.</i> , 2016	×	×	×	×	×	✓
Fyfe <i>et al.</i> , 2015	×	×	×	×	×	✓
Tchouaket <i>et al.</i> , 2013	×	×	×	×	×	✓
Cobiac and Vos, 2012	×	×	×	×	×	×
Ciketic <i>et al.</i> , 2010	×	×	×	×	×	×
Campain <i>et al.</i> , 2010	×	×	×	×	×	✓
O'Connell <i>et al.</i> , 2005	×	×	×	×	×	✓
Wright <i>et al.</i> , 2001	×	×	×	×	×	×
Griffin <i>et al.</i> , 2001	×	×	×	×	×	✓
O'Keefe, 1994	×	×	×	×	×	×
Birch, 1990	×	×	×	×	×	×
Doessel, 1985	×	×	×	×	×	×
Niessen and Douglass, 1984	×	×	×	×	×	×
Carr <i>et al.</i> , 1980	×	×	×	✓	×	×
Dowell, 1976	×	✓	✓	×	×	×
Nelson and Swint, 1976	×	×	×	×	×	×

Appendix Table A4\_An overview of the resource items saved by the CWF

Author	Productivity losses to obtain treatment	Travel costs	Productivity losses due to morbidity
Goodwin <i>et al.</i> , 2022	x	x	x
Moore <i>et al.</i> , 2017	x	x	x
O'Connell <i>et al.</i> , 2016	✓	x	x
Fyfe <i>et al.</i> , 2015	✓	x	x
Tchouaket <i>et al.</i> , 2013	✓	✓	x
Cobiac and Vos, 2012	x	x	x
Ciketic <i>et al.</i> , 2010	x	x	x
Campain <i>et al.</i> , 2010	✓	x	x
O'Connell <i>et al.</i> , 2005	✓	x	x
Wright <i>et al.</i> , 2001	x	x	x
Griffin <i>et al.</i> , 2001	✓	x	x
O'Keefe, 1994	x	x	x
Birch, 1990	x	x	x
Doessel, 1985	x	x	x
Niessen and Douglass, 1984	x	x	x
Carr <i>et al.</i> , 1980	x	x	x
Dowell, 1976	x	x	x
Nelson and Swint, 1976	x	x	x