

## Data supplement

Table DS1 Studies included in the review								
Study	Year	Country	Setting	Sample, <i>n</i>	Age, years Mean and/or range	Primary psychiatric diagnosis	Edentulous- ness %	Decayed, missing and filled teeth or surfaces Mean score
Stiefel <sup>27,a</sup>	1990	USA (Seattle)	Out-patients	37 Psychiatric patients 29 Controls	33 30	78% Schizophrenia <sup>b</sup> 14% Bipolar disorder		DMFS Psychiatric patients 31.9 Controls 27.4
Hede <sup>28</sup>	1992	Denmark	Out-patients	84	52	51% Schizophrenia <sup>c</sup> 25% Other psychosis 10% Bipolar disorder	27	
Vigild <sup>29</sup>	1993	Denmark	In-patients	407	75		63	DMFT 26.1
Rudolph <sup>42</sup>	1993	South Africa	In-patients	245	< 25–65+			DMFT 7.9
Hede <sup>30</sup>	1995	Denmark	In-patients	278	18–78	34% Schizophrenia <sup>c</sup> 11% Affective psychosis 14% Reactive psychosis 16% Personality disorder 25% Other	9	DMFS 70.5
Angelillo <sup>31</sup>	1995	Italy	In-patients	297	55 24–95	65% Schizophrenia <sup>d</sup> 20% Organic disorders 11% Mood disorders 4% Other disorders	11	DMFT 15.5 DMFS 88.6
Thomas <sup>32</sup>	1996	Greece	In- and out-patients	249	50	100% Schizophrenia <sup>d</sup>		DMFT 23.4
Velasco <sup>33</sup>	1997	Spain	In-patients	565	58	62% Schizophrenia 4% Dementia 5% Affective disorders	14	DMFT 24.9
Chalmers <sup>34,a</sup>	1998	Australia (Sydney)	Out-patients	138	46	73% Schizophrenia 17% Affective disorder	10	
Kenkre <sup>44,e</sup>	2000	India	In-patients	153	25	63% Schizophrenia	3	
Mirza <sup>1</sup>	2001	UK (London)	In-patients	29	39		7	
Lewis <sup>11</sup>	2001	UK (S. Wales)	In-patients	326	71	23% Schizophrenia 47% Dementia 19% Depression	63	DMFT 19.1
Rekha <sup>17</sup>	2002	India (Bangalore)	In-patients	326 Psychiatric patients 156 Controls	34 34			DMFT Psychiatric patients 6.1 Controls 3.2
Ramon <sup>12,a</sup>	2003	Israel	In-patients > 2 years	431	54 18–96	64% Schizophrenia 12% Organic 5% Affective disorders	33	DMFT 26.7
Tang <sup>35,a</sup>	2004	Hong Kong	In-patients	91 45	18–65	80% Schizophrenia 10% Organic/learning disability 6% Depression	7	Decayed 5.5 Missing 9.5
Kumar <sup>36,a</sup>	2006	India (Davangere)	In-patients	180 37	15–80	Not stated <sup>f</sup>	3	DMFS 2.5 DMFT 0.9
Adam <sup>37</sup>	2006	UK	In-patients: Mild dementia Moderate/severe	54 81	85 81	Mild dementia 70 Moderate/severe 63		DMFT Mild dementia 30.0 Moderate/severe 29.0
Burchell <sup>38,a</sup>	2006	Australia (Melbourne)	Out-patients	493			7 <sup>h</sup>	Decayed 2.8 Missing 7.0
Bhansali <sup>39</sup>	2008	India	In-patients	125	50–92		28	
Persson <sup>40</sup>	2009	Sweden	Out-patients	113	43 21–64	33% Schizophrenia <sup>f</sup> 30% Mood disorders 24% Anxiety disorders 21% Other disorders		Missing and filled teeth 10.5
Ponizovsky <sup>41,a,g</sup>	2009	Israel	In-patients	254	18–96	Schizophrenia, organic and mood disorders		DMFT 23.8
Zusman <sup>43,a</sup>	2010	Israel	In-patients	254	53 18–91	82% Schizophrenia 16% Organic brain disorders 2% Affective disorder	26	DMFT 23.8

DMFT, decayed, missing or filled teeth; DMFS, decayed, missing or filled surfaces.

a. Fluoride in water supply.

b. ICD-8 criteria.

c. DSM-III criteria.

d. DSM-III-R criteria.

e. Abstract only.

f. DSM-IV criteria.

g. 2006 data only.

h. 2004–2005 data only.

**Table DS2** Description of control samples derived from community surveys

Author	Year	Country	Study name	Sample size <i>n</i>	Age range Years	Gender Male, %
Kirkegaard <sup>46</sup>	1986	Denmark		261		
Alvarez-Arenal <sup>50</sup>	1996	Spain		261	35–74	45
Kelly <sup>21</sup>	2000	UK (northern England)	Adult Dental Health Survey	219	> 65	42
Kelly <sup>21</sup>	2000	UK (Wales)	Adult Dental Health Survey	188	> 65	44
Kelly <sup>21</sup>	2000	UK (southern England)	Adult Dental Health Survey	302	35–44	49
Palmqvist <sup>48</sup>	2000	Denmark		455	55–69	50 <sup>a</sup>
Sgan-Cohen <sup>49</sup>	2000	Israel		7139	21	54
Oral Health Education Unit <sup>47</sup>	2001	Hong Kong		375	35–44	
Mandal <sup>18</sup>	2001	India		121		
Petersen <sup>20</sup>	2004	Denmark	Danish National Health and Morbidity Survey	5759	25–44	49 <sup>a</sup>
Petersen <sup>20</sup>	2004	Denmark	Danish National Health and Morbidity Survey	8592	> 45	49 <sup>a</sup>
Krustrup <sup>51</sup>	2007	Denmark		762	35–44	45
				353	65–74	52
AIHW Dental Statistics and Research Unit <sup>19</sup>	2008	Australia (Victoria)	National Survey of Adult Oral Health	2667	> 15	50
AIHW Dental Statistics and Research Unit <sup>45</sup>	2008	Australia (New South Wales)	National Survey of Adult Oral Health	3630	> 15	50

AIHW, Australian Institute of Health and Welfare.  
a. Data from overall survey as there was no specific information for the subsample used as controls in this study.