



Table S1. Key findings (children/adolescents)—extended

| | Number of studies | Positive relationship | Negative relationship | No relationship |
|---|-------------------|-----------------------|-----------------------|-----------------|
| Predisposing characteristics | 10 | | | |
| Age | 6 | 4 | 0 | 2 |
| Parent's education | 3 | 3 | 0 | 0 |
| Sex (female, ref.: male) | 7 | 2 | 0 | 5 |
| Nationality or place of birth (ref.: foreign) | 2 | 0 | 0 | 2 |
| Family income or wealth | 2 | 0 | 0 | 2 |
| High oral health attitude | 3 | 2 | 0 | 1 |
| Household overcrowding | 1 | 0 | 0 | 1 |
| Ethnicity (white, ref.: non-white) | 2 | 0 | 1 | 1 |
| Tobacco use† | 1 | 0 | 1 | 0 |
| Substance abuse | 1 | 0 | 1 | 0 |
| Drinking soda | 1 | 0 | 1 | 0 |
| Never or rarely wearing a seatbelt | 1 | 0 | 1 | 0 |
| High oral health knowledge | 2 | 1 | 0 | 1 |
| Parent's sense of coherence | 1 | 0 | 1 | 0 |
| Residence (natural or rural, ref.: urban) | 1 | 0 | 1 | 0 |
| Family structure (ref.: living with two parents in a household) | 1 | 0 | 0 | 1 |
| School setting (ref.: public) | 1 | 0 | 0 | 1 |
| Work setting (ref.: not working) | 2 | 0 | 0 | 2 |
| Regular source of oral health | 1 | 1 | 0 | 0 |
| Enabling resources | 9 | | | |
| Family income | 5 | 4 | 0 | 1 |
| School type (ref.: public) | 1 | 0 | 0 | 1 |
| Government financial support or family help program | 2 | 1 | 0 | 1 |
| Medical insurance | 2 | 1 | 0 | 1 |

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| Residence (natural or rural, ref.: urban) | 3 | 0 | 2 | 1 |
| Caregiver's education | 2 | 2 | 0 | 0 |
| Caregiver speaking local language well | 2 | 1 | 0 | 1 |
| Going to kindergarten or school | 1 | 1 | 0 | 0 |
| Living with both parents | 1 | 1 | 0 | 0 |
| Socioeconomic status | 1 | 1 | 0 | 0 |
| Social involvement | 1 | 1 | 0 | 0 |
| Need factors | 8 | | | |
| Carrying experience | 1 | 1 | 0 | 0 |
| Oral health | 1 | 1 | 0 | 0 |
| Oral health problem | 4 | 4 | 0 | 0 |
| Overweight | 1 | 0 | 1 | 0 |
| Disability | 1 | 0 | 1 | 0 |
| Overall health | 1 | 0 | 0 | 1 |
| Overall health problem | 1 | 0 | 1 | 0 |
| Self-rated health | 1 | 0 | 1 | 0 |
| Decayed or missing teeth | 1 | 1 | 0 | 0 |
| Dental pain | 1 | 1 | 0 | 0 |
| Psychosocial factors | 1 | | | |
| Psychological distress | 1 | 0 | 0 | 1 |

Table S2. Key findings (adults)—extended

| | Number of studies | Positive relationship | Negative relationship | No relationship |
|--|-------------------|-----------------------|-----------------------|-----------------|
| Predisposing characteristics | 31 | | | |
| Age | 21 | 5 | 2 | 14 |
| Sex (female, ref.: male) | 24 | 11 | 4 | 7 |
| Marital status (living in a partnership, ref.: single) | 12 | 3 | 0 | 8 |
| Ethnicity (white, ref.: non-white) | 11 | 3 | 4 | 4 |
| Education | 16 | 8 | 4 | 3 |
| Household size | 3 | 1 | 0 | 2 |
| Wearing dentures | 1 | 0 | 1 | 2 |
| Being edentulous | 3 | 0 | 3 | 0 |
| Not being afraid of the visit | 2 | 2 | 0 | 0 |

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| Motivation to visit | 4 | 4 | 0 | 0 |
| Oral health beliefs | 3 | 0 | 0 | 3 |
| General health | 4 | 0 | 1 | 3 |
| Having a dentist available | 1 | 0 | 0 | 1 |
| Asking for the dentist's advice | 1 | 1 | 0 | 0 |
| Days worked farming | 1 | 0 | 0 | 1 |
| Toothache | 1 | 1 | 0 | 0 |
| Social network | 1 | 0 | 1 | 0 |
| Being religious | 2 | 1 | 0 | 1 |
| Importance | 1 | 0 | 1 | 0 |
| Drinking | 1 | 0 | 1 | 0 |
| Smoking | 1 | 0 | 0 | 1 |
| Income or wealth | 2 | 2 | 0 | 0 |
| Dependency | 1 | 0 | 1 | 0 |
| Travelling | 1 | 0 | 0 | 1 |
| Toothbrushing | 2 | 1 | 0 | 1 |
| Number of children | 1 | 0 | 0 | 1 |
| Former drinking | 1 | 1 | 0 | 0 |
| Use of dental floss | 1 | 0 | 0 | 1 |
| Religious beliefs (ref.: no) | 1 | 0 | 0 | 1 |
| Thinking that going to the dentist is synonymous with pain | 1 | 0 | 1 | 0 |
| Enabling resources | 30 | | | |
| Income or wealth | 17 | 8 | 3 | 6 |
| Good quality of dental care | 1 | 1 | 0 | 0 |
| Dental care as a child | 1 | 0 | 1 | 0 |
| Public care | 7 | 4 | 1 | 2 |
| Health or health care knowledge | 3 | 0 | 2 | 1 |
| Health or dental insurance | 8 | 3 | 2 | 3 |
| Dental benefits | 3 | 1 | 0 | 2 |
| Occupation (white collar, ref.: blue collar) | 3 | 3 | 0 | 0 |
| Transportation problems | 4 | 0 | 1 | 3 |
| Regular medical visits | 3 | 1 | 0 | 2 |
| Socioeconomic status | 1 | 1 | 0 | 0 |
| Living place (former socialist regime, ref.: capitalist regime) | 1 | 1 | 0 | 0 |

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|--|-----------|---|---|---|
| Living place (rural, ref.: urban) | 6 | 2 | 1 | 3 |
| Social support | 5 | 4 | 0 | 1 |
| Usual source of care | 6 | 5 | 0 | 1 |
| Dental visits | 1 | 0 | 0 | 1 |
| Acculturation | 3 | 0 | 0 | 3 |
| Education | 4 | 3 | 0 | 1 |
| Household size | 1 | 0 | 0 | 1 |
| Length of stay in one's country | 1 | 0 | 0 | 1 |
| Health beliefs (ref.: not motivated to or afraid of visit) | 2 | 1 | 1 | 0 |
| Unemployment | 4 | 2 | 1 | 1 |
| Alcohol drinking or smoking | 1 | 0 | 1 | 0 |
| Recent illness | 1 | 1 | 0 | 0 |
| Having a caregiver due to a falling accident | 1 | 0 | 1 | 0 |
| Being a village health volunteer | 1 | 0 | 1 | 0 |
| Participation in a club for the elderly | 1 | 0 | 1 | 0 |
| Dental hygiene practice | 2 | 1 | 0 | 1 |
| Use of public transport systems or walking (vs. motorized vehicle) | 2 | 0 | 2 | 0 |
| Poor connection or long distance to a dentist | 2 | 0 | 0 | 2 |
| Out-of-pocket dental payment | 1 | 1 | 0 | 0 |
| Competing needs | 1 | 0 | 1 | 0 |
| HIV knowledge | 1 | 0 | 1 | 0 |
| Perceived personal risk of HIV | 1 | 0 | 0 | 1 |
| Attitude towards people with HIV | 1 | 0 | 0 | 1 |
| Waiting lists as a barrier to care | 1 | 1 | 0 | 0 |
| High costs as a barrier to care | 1 | 0 | 1 | 0 |
| Dental fear | 1 | 1 | 0 | 0 |
| Being recalled | 1 | 1 | 0 | 0 |
| Use of dental floss | 1 | 1 | 0 | 0 |
| Need factors | 29 | | | |
| Oral health | 6 | 1 | 3 | 2 |

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|---|-----|-----|-----|-----|
| Missing no or not many teeth | 6 | 2 | 4 | 0 |
| Perceived oral health problems | 2 | 1 | 1 | 0 |
| Not holding regular dental attendance for important | 0 | 0 | 1 | 0 |
| Being satisfied with one's teeth appearance | 1 | 1 | 0 | 0 |
| Oral health problems | 10 | 6 | 0 | 4 |
| Dental attendance due to preventive reasons | 2 | 1 | 0 | 1 |
| General health status | 5 | 1 | 1 | 3 |
| Activities of daily living (ref.: no problems) | 2 | 0 | 0 | 2 |
| Problems with physical activities | 2 | 0 | 0 | 2 |
| Health problems | 4 | 0 | 1 | 3 |
| Oral pain | 3 | 2 | 1 | 0 |
| Decayed teeth | 4 | 1 | 1 | 2 |
| Need of treatment | 8 | 2 | 3 | 3 |
| General problems due to an oral problem | 4 | 1 | 1 | 2 |
| Missing all teeth | 1 | 1 | 0 | 0 |
| Wearing a denture | 2 | 1 | 0 | 1 |
| Filled teeth | 3 | 3 | 0 | 0 |
| Fluoride | 1 | 0 | 0 | 1 |
| Periodontal pocket measures | 1 | 0 | 0 | 1 |
| Eating fruit | 1 | 1 | 0 | 0 |
| Mental health (ref.: good) | 1 | 0 | 0 | 1 |
| Eating vegetables | 1 | 0 | 0 | 1 |
| Smoking | 2 | 0 | 1 | 1 |
| Place of sick care | 1 | 0 | 0 | 1 |
| Normal BMI | 1 | 1 | 0 | 0 |
| Psychosocial factors | | | | |
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