

CARIES: EPIDEMIOLOGY

Caries decline and national regulation in European countries [can be accessed on DOSS free by logging in on this page]	Quint Int 2026; 57 (7): 608-16
Global trends and burden of dental caries in permanent teeth (1990-2021): Epidemiological analysis, socio-demographic disparities, and future projections	Medicine (Baltimore) 2026; 105(35): e48438
Nutrition habits and oral conditions within a representative Swiss cohort of adult subjects	Oral Health Prev Dent 2026; 24: 679-685
Early childhood caries at its start: oral health disparities in Thai toddlers	Sci Rep 2026; 16:
Oral hygiene practices and dental caries experience in Nigeria: A systematic review and meta-analysis	PLoS ONE 2026; 21(8): e0342631
Associations between per- and polyfluoroalkyl substances and dental caries in the US adults	Medicine (Baltimore) 2026; 105(34): e50047
Global and regional progress towards reduced burden of oral conditions between 2019 and 2023: a systematic analysis for the Global Burden of Disease Study 2023	Lancet Public Health 2026; 11(9): e630-e641
Trends in dental caries and related factors among second-grade students in Dongying District, 2018-2022	BMC Oral Health 2026; 26:
Is obesity associated with dental caries in primary dentition? Findings from a birth cohort in Southern Brazil	Comm Dent Oral Epidemiol 2026; 54(4): 427-435
Coronal and root caries in older adults: Associated factors, quality of life impact, and treatment – A scoping review	Gerodontology 2026; 43(3): 306-317
Dental caries experience in Indigenous children and adolescents: a systematic review and meta-analysis assessing worldwide disparities and time trends (1968-2024)	Clin Oral Investig 2026; 30(8): 365
Dental caries prevalence and associated factors among 12-year-old children in Shanghai: a cross-sectional study	BMC Oral Health 2026; 26:
Dental caries prevalence among Dubai and Northern Emirates public schoolchildren: An epidemiological retrospective study (2015-2019)	Int J Paediatr Dent 2026; 36(3): 477-492
ICDAS adaptation for early childhood caries: An epidemiological study in 11 Latin American countries (request using https://www.smartsurvey.co.uk/s/PJHMY/)	JDR Clin Translational Res 2026; 11(3): 423-432
Epidemiological profile of oral health conditions in Ecuador: A retrospective study from 2016 to 2022	Int Dent J 2026; 76(1): 109313

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Epidemiology of oral health in older adults aged 65 or over: prevalence, risk factors and prevention. [Review]	Aging Clin Exp Res 2025; 37: 193
Burden of permanent and deciduous dental caries in middle East and North Africa (MENA): an epidemiological analysis of global burden of disease study from 1990 to 2021	BMC Oral Health 2025; 25: 1535
The elephant in the room: addressing systemic inequalities in dental healthcare [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2025; 239 (4): 245-248
Deprivation and family-level determinants for paediatric dental extractions under general anaesthetic: an ecological study [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J (2025). https://doi.org/10.1038/s41415-025-8336-9
Caries trajectories from childhood to adolescence: Analysis of data from a nationwide school dental service	Commun Dent Oral Epidemiol 2024; 52(6): 900-910
Global and regional trends in prevalence of untreated caries in permanent teeth: Age-period-cohort analysis from 1990 to 2019 and projections until 2049 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2024; 147: 105122
Global trends in incidence of caries in permanent teeth of children aged 5 through 14 years, 1990 through 2019 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2024; 155 (8): 667-78
Trajectories of child free sugars intake and dental caries - a population-based birth cohort study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2023; (134): 104559
Socio-economic status, psychosocial factors, health behaviours and incidence of dental caries in 12-year-old children living in deprived communities in Manaus, Brazil [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2023; (133): 104504
Dental caries in a Norwegian adult population, the HUNT4 oral health study; prevalence, distribution and 45-year trends	Acta Odontol Scand 2023; 81 (3): 202-210
Caries incidence is associated with wasting among Cambodian children [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102 (2): 157-163
Pathways between social capital and oral health from childhood to adolescence [can be accessed on DOSS free by logging in on this page]	J Dent Res 2022; 101 (10): 1155-1164
Dietary determinants of dental caries prevalence and experience in Saudi schoolchildren: frequency versus quantity	Thescientificworldjournal 2022: 5447723

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Prevalence, trends, and severity of early childhood caries in The United States: National Health and Nutritional Examination Survey Data 2013 to 2018 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Pediatric Dent 2022; 44 (4): 261-8
Global burden and inequality of dental caries, 1990 to 2019 [can be accessed on DOSS free by logging in on this page]	J Dent Res 2022; 100 (4): 392-399
Update on the prevalence of untreated caries in the US adult population, 2017-2020 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2022; 153 (4): 300-8
Ethnic disparities in dental caries among adolescents in China [can be accessed on DOSS free by logging in on this page]	J Dent Res 2021; 100(5): 496-506
Association between vitamin D and dental caries in a sample of Canadian and American preschool-aged children	Nutrients 2021; 13 (12) Dec 14
A decision tree to identify the combinations of non-communicable diseases that constitute the highest risk for dental caries experience: a hospital records-based study	PLoS ONE 2021; 16 (10): e0257079
Impact of dietary trajectories on obesity and dental caries in preschool children: findings from the Healthy Smiles Healthy Kids study	Nutrients 2021; 13 (7) Jun 29
Association between sociodemographic factors and non-cavitated and cavitated caries lesions in 8-to 12-year-old Mexican schoolchildren	Medicine 2021; 100 (25): e26435
Dental caries and associated factors in Chinese children and adolescents: a protocol for systematic review and meta-analysis	Medicine 2021; 100 (18): e25829
Prevalence of early childhood caries, risk factors and nutritional status among 3-5-year-old preschool children in Kisarawe, Tanzania	PLoS ONE 2021; 16 (2): e0247240
Dental caries and associated factors in Ethiopia: systematic review and meta-analysis	Environ Health Prev Med 2021; 26 (1): 21
The burden of early childhood caries in children under 5 years old in the European Union and associated risk factors: an ecological study	Nutrients 2021; 13 (2): Jan 29
Effect of globalization on global dental caries trend	Medicine 2020; 99 (35): e21767
Dental caries experience and related risk indicators of 12-year-old students in Jilin, China	Medicine 2020; 99 (28): e20988
Dental caries prediction based on a survey of the oral health epidemiology among the geriatric residents of Liaoning, China	BioMed Res Int 2020: 5348730 in
Prevalence of dental caries among children aged 5-15 years from 9 countries in the Eastern Mediterranean Region: a meta-analysis	Eastern Mediterranean Health J 2020; 26 (6): 726-735 and

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Caries prevalence of the first permanent molars in 6-8 years old children	PLoS ONE 2021; 16 (1): e0245345
Caries severity and socioeconomic inequalities in a nationwide setting: data from the Italian National Pathfinder in 12-years children	Sci Rep 2020; 10 (1): 15622
Rural-urban disparities in the distribution of dental caries among children in south-eastern Louisiana: a cross-sectional study	Rural Remote Health 2020; 20 (3): 5954
Dental caries in three-year-old preschool children in Lima, Peru assessed according to the CAST instrument	Acta Odontol Latinoam 2020; 33 (2): 90-97
Caries prevalence among 18 years old, an epidemiological survey in Israel	Israel J Health Policy Res 2020; 9 (1): 45
The impact of a national caries strategy in Greenland 10 years after implementation. A failure or a success?	Int J Circumpolar Health 2020; 79 (1): 1804260
Prevalence of dental caries in 12-year-olds in San Pedro de Macoris, DR	Puerto Rico Health Sci J 2020; 39 (2): 210-215
Dental caries in children under five years of age in Mongolia	Int J Environ Res Public Health 2020; 17 (13): 07 01
The prevalence of dental caries in primary dentition in 3- to 5-year-old preschool children in Northern China	BioMed Res Int 2020: 5315236
Trend and distribution of coronal dental caries in Australians adults	Aust Dent J 2020; 65 (Suppl 1): S32-S39
National Study of Adult Oral Health 2017-18: root caries	Aust Dent J 2020; 65 (Suppl 1): S40-S46
Dental caries experience and associated factors in 12-year-old-children: a population based-study	Braz Oral Res 2020; (34): e010
Spatial inequality of dental caries in the Brazilian territory	Braz Oral Res 2020; (33): e122
Dietary patterns associated with dental caries in adults in the United States	Comm Dent Oral Epidemiol 2020; 48 (2): 119-129
Dental caries experience and socio-economic status among Iranian children: a multilevel analysis	BMC Public Health 2019; 19 (1): 1569
Inequalities in caries experience among Mongolian children	Int J Environ Res Public Health 2019; 16 (20): 10 14
An epidemiological study of dental caries and associated risk factors among primary school children in the Aileu Municipality, Timor-Leste	Rural Remote Health 2019; 19 (4): 5322

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Dental caries and the erosive tooth wear status of 12-year-old children in Jakarta, Indonesia	Int J Environ Res Public Health 2019; 16 (16): 08 20
Epidemiological survey of early childhood caries in Cambodia	BMC Oral Health 2019; 19 (1): 107
Caries prevalence and dental health of 8–12-year-old children in Damascus City in Syria during the Syrian Crisis; a cross-sectional epidemiological oral health survey	BMC Oral Health 2019; 19 (1): 16
Dental caries and associated factors in 3 to 5-year-old children in Zhejiang Province, China: an epidemiological survey	BMC Oral Health 2019; 19 (1): 9
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Inequalities in dental caries in children within the UK: Have there been changes over time?	Comm Dent Oral Epidemiol 2019; (47): 71-77
Caries progression rates revisited: a systematic review	J Dent Res 2019; (98): 746-754
Dental Caries in European Adults and Senior Citizens 1996-2016: ORCA Saturday Afternoon Symposium in Greifswald, Germany – Part II	Caries Res 2019; (53): 242-252
Comparison of caries lesion detection methods in epidemiological surveys: CAST, ICDAS and DMF	BMC Oral Health 2018; (18): 122
Caries prevalence and associations with medications and medical comorbidities [Accessible from the Wiley link on this page]	J Pub Health Dent 2018;
Caries assessment spectrum treatment: the severity score	Int Dent J 2018; (68): 84-90
Disparities in untreated caries among children and adults in the U.S., 2011-2014	BMC Oral Health 2018; (18): 30
Why are caries levels reducing in five-year-olds in England? [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2017; 223(7):515-519
The caries experience of 5-year-old children in Scotland in 2013-2014, and in England and Wales in 2014-2015. Reports of cross-sectional dental surveys using BASCD criteria (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Comm Dent Health 2017; 34: 157-162
Is caries equally distributed in adults? A population-based cross-sectional study in Norway – the TOHNN-study	Acta Odonto Scandi 75(8): 557-563
Trends in dental caries in children and adolescents according to poverty status in the United States from 1999 through 2004 and from 2011 through 2014 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2017; 148(8): 550-565

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Global burden of untreated caries: a systematic review and metaregression [can be accessed on DOSS free by logging in on this page]	J Dent Res 2015; 94 (5): 650-658
Extent of differences in dental caries in permanent teeth between childhood and adulthood in 26 countries	Int Dent J 2014; 64: 241-245
The caries experience of 5-year-old children in Scotland, Wales and England in 2011-2012: Reports of cross-sectional surveys using BASCD criteria (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Comm Dent Health 2014; 31: 105-110
The Caries Assessment and Treatment (CAST) instrument [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2013; (41): e71-e77
The feasibility of data collection in dental practices, using codes for the International Caries Detection and Assessment System (ICDAS), to allow European general dental practitioners to monitor dental caries at local, national, and international levels (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2011; 18 (2): 83-90
Reductions in dental decay in 3-year-old children in Greater Glasgow and Clyde: repeated population inspection studies over four years	BMC Oral Health 2011; (11): 29
A case-controlled study of determinants for high and low dental caries prevalence in Nevada youth	BMC Oral Health 2010; (10): 24
A critical review: an overview of genetic influence on dental caries [Accessible from the Wiley link on this page]	Oral Diseases 2010; (16): 613-623
Prospective study of 5-year caries increment among children receiving comprehensive dental care in the New England children's amalgam trial [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2009; (37): 9-18
Caries prevalence and background factors in Swedish 4-year-old children – a 40-year perspective [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2008; (18): 317-324
Dental caries experience in the Australian adult population	Aust Dent J 2007 (52) 249-251
Caries prevalence in 12-year-old children from Germany. Results of the 2004 national survey (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Comm Dent Health 2006 (23) 197-202
An investigation of the relationship between untreated decayed teeth and dental sepsis in 5-year-old children [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2006 (200) 45-47
The dental caries experience of 11-year-old children in Great Britain. Surveys coordinated by the British Association for the Study of Community Dentistry in 2004 / 2005 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Comm Dent Health 2006 (23) 44-57

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Dental caries experience of British children in an international context (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Comm Dent Health 2006 (22) 86-93
Use of the significant caries index in quantifying the changes in caries in Switzerland from 1964 to 2000 [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2005 (33) 139-166
The dental caries experience of 5-year-old children in England and Wales (2003/4) and in Scotland (2002/3). Surveys co-ordinated by the British Association for the Study of Community Dentistry (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Comm Dent Health 2005 (22) 46-56
Summary measures of caries prevalence to describe high-risk communities (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Comm Dent Health 2005 22(4) 246-252
For debate: problems with the DMF index pertinent to dental caries data analysis [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2005 (33) 400-409
Level of education and incidence of caries in the elderly: a 5-year follow-up study [Accessible from the Wiley link on this page]	Gerodontology 2005 (22) 130-136
Caries in primary teeth at 5 and 10 years of age: a longitudinal study (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Eur J Paediatr Dent 2004 5(4) 194-202
Caries status and treatment needs in South Africa: report of the 1999 – 2002 National Children's Oral Health Survey (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	S Afr Dent J 2004 59(6) 238-242
Dental treatment of the primary dentition in 7–12-Year-Old Swedish children in relation to caries experience at 6 years of age (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Swed Dent J 2004 <u>28</u> 61-7
BASCD survey report. The dental caries experience of 14-year-old children in England and Wales. Surveys co-ordinated by the British Association for the study of Community Dentistry in 2002/3 (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Community Dent Health 2004 <u>21</u> 45-57
The decline in dental caries among 12-year-old children in Germany between 1994 and 2000 (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Community Dent Health 2004 <u>21</u> 199-206
Caries experience among schoolchildren in relation to community fluoridation status and town size [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 2004 <u>62</u> 124-8
An ecological study of caries experience, school performance and material deprivation in 5-year-old state primary school children [Accessible from the Wiley link on this page]	Community Dent Oral Epidemiol 2004 <u>32</u> 265-70
Changes in dental caries 1953-2003	Caries Res 2004 <u>38</u> 173-81

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The value of bitewing radiographs in epidemiological caries research: a systematic review of the literature (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Dent 2004 <u>32</u> 255-64
Caries experience and background factors in 4-year-old children: time trends 1967-2002 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Caries Res 2004 <u>38</u> 149-55
Measuring inequalities in the distribution of dental caries [Accessible from the Wiley link on this page]	Community Dent Oral Epidemiol 2004 <u>32</u> 41-8
BASCD survey report. The Dental Caries Experience of 14-year-old Children in England and Wales. Surveys co-ordinated by the British Association for the Study of Community Dentistry in 2002/2003 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Comm Dent Health 2004; 21 (1): 45-57
The 2001 Kentucky Children's Oral Health Survey: Findings for children ages 24 to 59 months and their caregivers [can be accessed on DOSS free by logging in on this page]	Ped Dent 2003 <u>25</u> 365-72
BASCD survey report. The Dental Caries Experience of 5-year-old Children in England and Wales. Surveys co-ordinated by the British Association of Community Dentistry in 2001/2002 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Community Dent Health 2003 <u>20</u> 45-54
BASCD survey report. The Dental Caries Experience of 12-Year-Old Children in England and Wales. Surveys co-ordinated by the British Association for the Study of Community Dentistry in 2000/2001 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Community Dent Health 2002 <u>19</u> 46-53
Caries experience of some countries and areas expressed by the significant caries index (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Community Dent Oral Epidemiol 2002 <u>30</u> 296-301
BASCD survey report: The Dental Caries Experience of 5-year-old Children in Great Britain. Surveys coordinated by the British Association for the Study of Community Dentistry in 1999/2000 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Community Dent Health 2001 <u>18</u> 49-55
Caries among 3-year-olds in Greater Manchester [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2001 <u>190</u> (7) 381-4
Evidence for dental caries decline among children in an East European country (Hungary) [Accessible from the Wiley link on this page]	Community Dent Oral Epidemiol 2000 <u>28</u> 155-60
Caries prevalence and distribution in 20–80-year-olds in Jonkoping, Sweden in 1973, 1983 and 1993 [Accessible from the Wiley link on this page]	Community Dent Oral Epidemiol 2000 <u>28</u> 90-6

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Caries-associated micro-organisms in infants from different socio-economic backgrounds in Scotland (request using <https://www.smartsurvey.co.uk/s/PJHMY/>) J Dent 2000 28 307-312