

Virginia Department of Health

Oral Health Data YOU Can Use!

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History - 1948

School Fauquier and Prince William (white and ^{Black} ~~colored~~)

COMPILATION CHART FOR DENTAL
INSPECTION DATA

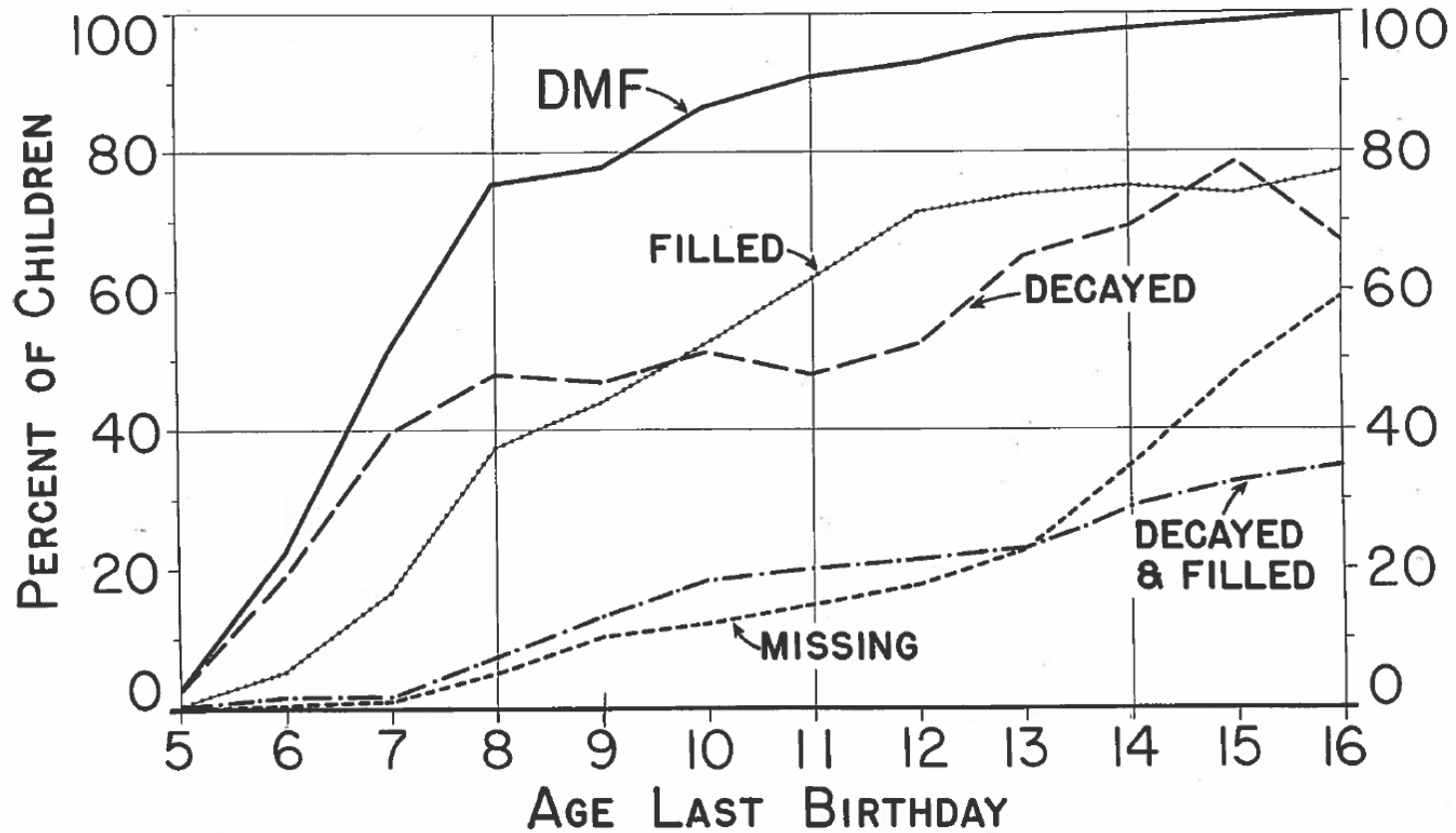
Grade _____ Age _____
Date of Inspection May-1948

Age	A Number Children Examined	B Number Requiring Dental Treatment	C No. Children Having previous Dental Treatment				DECIDUOUS TEETH						PERMANENT TEETH			
							5 Number Decayed	6 Number Decayed	7 Number Filled	8 Total Number def	9 Number Decayed	10 Number Missing		11 Number Filled	12 Total Number DMF (DMF)	
			0	X	F	FX	Fillings Indicated	Extractions Indicated			Fillings Indicated	Previous Extractions	Indicated for Extraction			
			(d)	(e)	(f)	(def)	(D)	(P)	(R)	(F)	(DMF)					
6	68	55	57	6	4	1	200	75	8	283	148	0	2	6		
7	133	102	97	14	14	8	287	169	49	505	166	5	6	20		
8	178	156	107	38	22	11	427	234	69	730	293	7	10	36		
9	143	122	85	29	16	13	271	179	38	488	301	11	11	40		
10	162	129	84	24	30	24	127	148	36	311	355	30	19	106		
11	159	141	78	24	32	25	144	86	15	145	500	51	29	121		
12	156	127	69	33	26	28	9	33	3	45	501	70	31	159		
13	147	121	58	30	30	29	0	14	0	14	523	87	66	180		
14	81	71	31	19	19	12	0	5	0	5	377	44	40	71		
15	38	33	16	9	9	4	0	2	0	2	177	21	31	33		
16	14	14	2	3	4	5	0	0	0	0	67	11	2	18		
	1279	1071	684	229	206	160	1365	945	213	2528	3308	331	247	790		

State Department of Health
Richmond, Virginia

History - 1953

RICHMOND, VA., 1953 WHITE CHILDREN



Basic Screening Survey (BSS)

- Used for oral health surveillance in Virginia since 2009 – Statewide Surveys
- Developed by the ASTDD in 1999
- Purpose:
 - provide a consistent model for monitoring disease in a timely manner, at the lowest possible cost, with minimum burden to participants, that will support comparisons within and between states

BSS - Uses

- Data Uses:
 - measure the burden of a disease and identify high risk populations
 - identify new or emerging health concerns
 - monitor trends in burden of a disease
 - guide planning, implementation, and evaluation of programs
 - evaluate public policy
 - detect changes in health practices
 - prioritize allocation of resources

BSS - Limitations

- Not a thorough clinical exam – no clinical diagnosis or treatment plan
- Intended to identify gross dental or oral lesions
- Screenings are cross-sectional
 - Look at a population at a point in time
- Screenings are descriptive
 - Intended for determining estimates of oral health status for a defined population

BSS – The Survey Tool

- Two-part : Open Mouth Screening and Questionnaire
 - Open mouth screening – completed by a trained and calibrated dentist, dental hygienist, or nurse
 - Questionnaire – completed by participant or parent/guardian/caregiver
 - Indicators based on survey population
 - 3rd Grade
 - Head Start
 - Older Adult
 - Pregnant Women

BSS – Open-mouth Screening

- Indicators

Head Start BSS	3rd Grade BSS	WIC Pregnancy BSS	Older Adults BSS
Untreated decay Caries experience Early Childhood Caries Urgency of need for care	Untreated decay Caries experience Sealants on perm. molars Urgency of need for care	Untreated decay Treated decay Need for periodontal care Urgency of need for care	Dentures and denture use Number of natural teeth Untreated decay Root fragments Need for periodontal care suspicious tissue lesions Functional post. contacts Oral debris Gingival inflammation Obvious tooth mobility Severe dry mouth Urgency of need for care

3rd Grade BSS – Questionnaire

- Dates Collected: 2009 and 2014
- Survey Sites: Schools
- Data Collected:
 - Demographic information
 - Dental insurance coverage
 - Availability of past care
 - Time since last dental visit
 - Main reason for last dental visit

3rd Grade BSS – 2014 Highlights

- 47.2% of children have a history of tooth decay
- 15.1% of children have untreated tooth decay
- 52% of children have at least one protective dental sealant on a permanent molar tooth
- 1% of the children screened needed urgent dental care because of pain or infection
- Substantial oral health disparities exist

Head Start BSS – Questionnaire

- Dates Collected: 2015 (limited) and 2017
- Survey Sites: Head Start locations
- Data Collected:
 - Demographic information
 - Dental insurance coverage
 - Age 1 dental visit
 - Use of dental health services

WIC Pregnancy BSS – Questionnaire

- Dates Collected: 2017 and 2018
- Survey Sites: WIC Clinics
- Data Collected:
 - Demographic information
 - Dental insurance coverage
 - Oral health questions
 - Use of dental health services

WIC Pregnancy BSS – 2017 Highlights

- 52% of women knew they had dental coverage through Medicaid program during pregnancy
- 95% of women knew the importance of caring for their teeth and gums during pregnancy
- 37% of women had a dental visit within the last year, 14% had their teeth cleaned
- 26% couldn't afford to go to the dentist, 20% did not think it was safe to go to the dentist

Older Adults BSS – Questionnaire

- Dates Collected: 2008 and 2015
- Survey Sites: Nursing homes and congregate meal sites (2008 home-bound seniors)
- Data Collected:
 - Demographic information
 - Dental insurance coverage
 - Current health conditions
 - Oral health questions
 - Use of dental health services

Older Adults BSS – 2015 Highlights

- 64 % had not had a dental visit in the past year
- 38 % experienced frequent pain in their mouth
- 37 % avoided certain foods due to oral problem
- 39% of those with natural teeth had untreated decay, 38 % had tooth mobility

Other VDH Oral Health Survey Data

- Virginia Youth Survey (VYS)
- Pregnancy Risk Assessment Monitoring System (PRAMS)
- Behavioral Risk Factor Surveillance Survey (BRFSS)
- 2014 Adult Oral Health Survey
- 2016 Virginia WIC Participant Survey

VYS

- Oral health and dental related questions
 - Use of tobacco products (7 questions)
 - When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?
- Data Availability: 2015 (Web)

<http://www.vdh.virginia.gov/virginia-youth-survey/>

PRAMS

- Oral health and dental related questions
 - Use of tobacco products (7 questions)
 - In the 12 months before pregnancy, did you have any health care visits with a doctor, nurse, or other health care worker, including a dental or mental health ?
 - What type of health care visits did you have in the 12 months before pregnancy?

PRAMS

- Oral health and dental related questions
 - True or False and Yes or No Questions
 - I knew it was important to care for my teeth and gums during my pregnancy
 - A dental or other health care worker talked with me about how to care for my teeth and gums
 - I had insurance to cover dental care during my pregnancy
 - I needed to see a dentist for a problem
 - I went to a dentist or dental clinic about a problem
 - I could not find a dentist or dental clinic that would take pregnant patients
 - I could not find a dentist or dental clinic that would take Medicaid (or FAMIS/FAMIS MOMS) patients
 - I did not think it was safe to go to the dentist during pregnancy
 - I could not afford to go to the dentist or dental clinic
- Data Availability: 2009 – 2013 (Web)
<http://www.vdh.virginia.gov/prams/>

BRFSS

- Oral health and dental related questions
 - Use of tobacco products
 - How long has it been since you last visited a dentist or a dental clinic for any reason? 2013, 2014
 - Have you had a dental cleaning in the past year? 2013
 - Do you have any kind insurance coverage that pays for some or all of your routine dental care, including dental insurance prepaid plans? 2013, 2017
 - How many of your permanent teeth have been removed because of tooth decay or gum disease? 2014
- Data Availability: All current data
<http://www.vdh.virginia.gov/brfss/>

2014 Adult Oral Health Survey

- ~20 Oral Health and dental related questions
 - How long has it been since you last visited a dentist or dental clinic?
 - What was the reason for your visit?
 - What was the main reason you haven't visited a dentist?
 - How would you rate your oral health?
- Data Availability: Data not yet available

2016 Virginia WIC Participant Survey

- Oral Health and dental related questions
 - How long has it been since you last visited a dentist or dental clinic?
 - Has your infant (up to age 1) visited a dentist or dental clinic?
- Data Availability: Data not yet available

Need More Information?



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