

DATA BRIEF- PAEDIATRIC DENTAL CLAIMS

Data Captured

- Procedures associated with paediatric patients (ages 0-4)

Disclaimer & Explanation

Data provided in this response is provided by the Bermuda Health Council and must be cited and authorized prior to publication or use. Bermuda Health Council does not make any guarantees or provide third party validation for the data sources.

Data briefs are created and posted based on input from a variety of stakeholders and are used for multiple applications. The data presented below are by topic, with specifics such as diagnoses codes and procedures codes often coming from the requestor. As a result, the same topic or condition may show different claims data, due to variability in coding selection. Additionally, as information is received, changes in data capture may occur, which may be corroborated by the dates of the request. Due to the nature of procedure coding, many codes are not mutually exclusive to a specific application or specialty, which means values for office visits, for example, may appear in multiple specialty analytics. Additional information is available, with regard to claim type and diagnosis to discern further follow up, as needed. Finally, analytics for “common” coding in any field are strictly based on identically matching values. It is possible other, frequent codes exist, but may not be captured if entered in multiple varied formats.

The data used to generate this brief includes claims data and expenditure from 1 April 2016 to 31 March 2017. For any clarification or follow up information, please email healthcouncil@bhec.bm.

To submit a topic of interest for a data brief, please complete an online [Data Analysis Interest Form](#).

Data & Interpretation

Paediatric Dental Claims

Procedure	# Claims	Description	Providers	# Insurers	Total Paid
00000	2	Diagnostic	a	1	\$ 109
00011	38	Diagnostic	a	4(1)	\$ 1,824
01101	279	Diagnostic	a,b,c,d,e,f,g,h,i,j,k	4(1)	\$ 6,157
01102	2	Diagnostic	l,m	2	\$ -
01103	2	Diagnostic	l	1	\$ 140
01202	650	Diagnostic	b,f,a,k,m,l,n,o,p	4(1)	\$ 7,509
01204	24	Diagnostic	a,b,d,k,q	4(1)	\$ 2,032
01205	10	Diagnostic	b,a,o	2(1)	\$ 792
02111	21	Radiographs	a,b	4(1)	\$ 574

02112	2	Radiographs	m	1	\$ 68
02141	2	Radiographs	a,b	2(1)	\$ 56
02142	17	Radiographs	b,a,j,e	3(1)	\$ 540
02144	1	Radiographs	a	1	\$ 47
05201	4	Consultation between patient and dentist	e,b,g	2(1)	\$ 444
11101	681	Polishing	m,j,r,d,s,q,t,u,l,h,k,v,w,x,g,y,n,z,aa,a,bb,cc,dd,p,b,ee	6	\$ 23,822
11101-PS	229	Polishing	m,d,q,t,l,h,k,v,w,g,n,a,bb,cc,f,c,e,ff,b	3(1)	\$ 7,797
11102	1	Polishing	m	1	\$ 45
11107	117	Polishing	r,q,h,k,v,g,w,x,g,y,n,a,ee	6	\$ 2,126
11107-PS	37	Polishing	m,d,q,h,k,g,a,o,f,c	3(1)	\$ 644
11111	35	Scaling, 1 unit of time	m,j,r,d,q,w,a,e,p,ee	5	\$ 1,929
11111-PS	19	Scaling	m,d,q,w,g,a,cc,e,ff,b	3(1)	\$ 1,020
11112	7	Scaling, 2 units of time	m,j,a	3	\$ 572
11112-PS	3	Scaling	m	2(1)	\$ 255
11113	3	Scaling, 3 units of time	d	1	\$ 495
11117	81	Scaling, 1/2 unit of time	r,q,l,h,k,v,gg,w,g,y,a,bb,dd,p,m,ee	6	\$ 2,271
11117-PS	16	Scaling	d,q,k,w,g,a,cc,f,b	3(1)	\$ 448
D1120	2	Prophylaxis for primary and transitional dentition	m	1	\$ 149
D0120	2	Periodic oral evaluation	m	1	\$ 122
D1203	1	Fluoride for primary dentition, no longer active	m	1	\$ 47
D1204	17	Fluoride for mixed or adult dentition, no longer active	r,dd,ee	2	\$ 1,820
D1205	21	Fluoride for adult	r,h,n,dd,ee	2	\$ 2,215
D1206	2	Fluoride for moderate to high caries risk patient	m	1	\$ 74
12101	680	Fluoride topical	m,j,r,s,t,l,h,k,w,g,z,a,bb,dd,b,ee	6	\$ 17,690
12101-PS	227	Fluoride topical	m,l,h,k,a,bb,e,b	3(1)	\$ 5,711
13211	21	Individual instruction, one unit of time	g,e,ff,b	4	\$ 230
13401	50	Sealant, first tooth	m,r,h,a,dd,b,ee	6	\$ 1,906
13409	24	Sealant, each additional after first	m,r,h,a,b,ee	5	\$ 465

150	1	Diagnostic	m	1	\$ 90
15101	2	Space maintainers, band type fixed and unilateral	a	2	\$ 181
15104	3	Space maintainers, band type fixed and bilateral with teeth attached	r,a	3	\$ 1,141
20111	12	Caries, trauma, pain control	r,n,a,e,dd,b,ee	4	\$ 1,493
20139	1	Trauma control, each additional tooth after 20131	b	1	\$ 32
02101	1	Radiographs	m	1	\$ 56
02111	28	Radiographs	r,v,w,dd,ee	2	\$ 784
02112	1	Radiographs	r	1	\$ 34
02131	4	Radiographs	dd	2	\$ 99
02132	1	Radiographs	m	1	\$ 41
02141	3	Radiographs	h,dd	2	\$ 84
02142	21	Radiographs	r,w,dd,m,ee	2	\$ 713
02144	1	Radiographs	j	1	\$ 45
D0220	1	Radiographs	m	1	\$ 31
22211	19	Restoration primary posterior	a,e,dd,b,ee	5	\$ 6,064
D0230	3	Radiographs	m	1	\$ 77
23322	2	Restoration permanent molars, two surfaces	m,i	1	\$ 374
23323	2	Restoration permanent molars, three surfaces	m,i	1	\$ 427
23411	32	Tooth coloured primary teeth, one surface	r,i,k,a,o,dd,b,ee	5	\$ 5,080
23412	12	Tooth coloured primary teeth, two surfaces	d,k,a,cc,dd	6	\$ 2,666
23413	10	Tooth coloured primary teeth, three surfaces	r,a,b,ee	6	\$ 2,947
23414	4	Tooth coloured primary teeth, four surfaces	r,a,ee	3	\$ 1,119
23415	2	Tooth coloured primary teeth, five surfaces	ee	1	\$ 838
23501	7	Tooth coloured restoration, primary	d,q,h,dd,b	4	\$ 1,032
23502	3	Tooth coloured	v,b	2	\$ 509

		restoration, primary			
23511	50	Tooth coloured restoration, primary	r,h,w,a,o,dd,b,ee	5	\$ 10,310
23512	51	Tooth coloured restoration, primary	m,r,d,q,w,a,e,dd,b,ee	6	\$ 14,124
23513	13	Tooth coloured restoration, primary	m,r,a,dd,ee	4	\$ 3,091
23514	1	Tooth coloured restoration, primary	m	1	\$ 199
D2391	1	Resin cavity restoration, filling	m	1	\$ 179
02601	1	Panoramic x ray	w	1	\$ 65
32231	24	Pulpotomy, primary teeth	r,d,v,a,ee	6	\$ 4,660
32232	1	Pulpotomy, primary teeth with restoration	e	1	\$ 73
32311	1	Endodontics, pulpectomy of permanent or retained primary	a	1	\$ 115
32321	1	Pulpectomy, anterior primary	b	1	\$ 115
41301	2	Periodontics, non surgical	r,f	2	\$ 45
05201	9	Diagnostics/ Consultation with patient (1U)	r,g,dd	2	\$ 715
05202	1	Diagnostics/ Consultation with patient (2U)	aa	1	\$ 115
71101	7	Removal, extraction, eruption of uncomplicated single tooth	r,d,a,dd	5	\$ 1,260
71109	2	Removal, extraction, eruption of uncomplicated	r,dd	2	\$ 188
77801	1	Frenectomy/ frenoplasty, upper labial	g	1	\$ 532
77802	2	Frenectomy/ frenoplasty, lower labial	g	1	\$ 754

77803	3	Frenectomy/ frenoplasty	g	2	\$ 648
80000	1	Orthodontics	hh	1	\$ 100
90685	2	Influenza vaccination	m	1	\$ -
92413	5	Anesthesia, sedation, Nitrous Oxide (3U)	r	1	\$ -
92434	1	Anesthesia, conscious sedation, Nitrous Oxide & Oral Sedation (4U)	m	1	\$ -
97111	1	Drugs/ Medication, dispensing, Bleaching vital in Office (1U)	b	1	\$ -
99466	1	Critical care, face to face transport	ii	1	\$ -
99999	3	Unassigned	r,m	1	\$ -

The above represents all dental claims for patients between the ages of 0 and 4 years of age. Based on the findings, there are a large variety of procedures and reimbursement rates in practice. Providers and insurers, however, are less variable with regard to procedures being submitted and reimbursed.

It is also worth noting that many of the procedures submitted and reimbursed are not clinically indicated for the population being assessed. Further follow up is needed to determine if this is the result of incorrect coding, concerning clinical practice, or anomalous, but legitimate care needs.