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1 August 2019

01.08.2019

EMAILED



WHANGANUI  
DISTRICT HEALTH BOARD  
Te Poari Hauora o Whanganui

NZDOHTA Board  
NZDOHTA

100 Heads Road, Private Bag 3003  
Whanganui 4540, New Zealand

Via email: [contact.nzdohta@gmail.com](mailto:contact.nzdohta@gmail.com)

Dear NZDOHTA Board

**Official Information Act Request – Oral Health for Children – various questions and data requests**

On 30 May 2019, under section 12 of the Official Information Act, you requested the following information from Whanganui District Health Board (WDHB):

*In light of the recent media activity surrounding the oral health of children in New Zealand; the New Zealand Dental and Oral Health Therapists Association (NZDOHTA) is actively seeking responses on the state of children and adolescent oral health and to assess whether there has been any further investment in services since the 2008 major reorientation program to the Community Oral Health Service (COHS).*

*NZDOHTA acknowledges that District Health Board resources are already stretched and there are a number of Official Information Act requests that are made that take up precious time. In recognition of that, the attached template has been created based on data already available through Titanium Dental Software.*

This request was subsequently amended on 11 June 2019 in regards to Part 13 General Anaesthetic data of the OIA, the requestor clarified, that it would be ideal to have the GA data "listed separately by category", for example COHS referrals and orthodontic referrals (extraction cases).

On 5 July 2019 Whanganui DHB requested an extension to 1 August 2019 due to the volume of data required, the reports in Titanium not being set up to produce the data in the form requested (manual extraction required) and the need for cross-departmental involvement in the information gathering.

Should you have any further queries about the above information, please contact our acting OIA co-ordinator Maree Langford at [Maree.Langford@wdhb.org.nz](mailto:Maree.Langford@wdhb.org.nz).

Yours sincerely

Russell Simpson  
Chief Executive

**Whanganui District Health Board's response:**

**DHB Name:** Whanganui DHB  
**Key Contact within COHS:** Manager – Dental Health

Population Numbers	2008				2018			
	Māori	Pacific	Other		Māori	Pacific	Other	
Service Provision (Is your service 40 hours/52 weeks? Please state nature of service)	0-4 years	3182	Ethnicity split not available		0-4 years			
	5-12 years	7742	Ethnicity split not available		5-12 years	2374	206	2710
	Adolescents	713	Ethnicity split not available		Adolescents	2695	269	4481
								1793
	35.40 hours per week; 40 weeks per year plus 2 weeks continuing professional development and additional clinical days provided by each staff member over the course of April, July and October school holidays each year.							
Age of 1 <sup>st</sup> visit for pre-schoolers (e.g. at 6 months of age, 9 months, 12 months, 24 months)	2008 First visit 2 years of age				2018 First visit – 6 months of age			

Examination Arrears	<p><b>2008</b></p> <table border="1" data-bbox="280 920 643 1563"> <thead> <tr> <th></th> <th>Māori</th> <th>Pacific</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>0-4 years</td> <td>7%</td> <td>40%</td> <td>5%</td> </tr> <tr> <td>5-12 years</td> <td>4%</td> <td>23%</td> <td>2%</td> </tr> <tr> <td>Adolescents</td> <td colspan="3">Data available from the Ministry of Health national P12 reports</td> </tr> </tbody> </table>		Māori	Pacific	Other	0-4 years	7%	40%	5%	5-12 years	4%	23%	2%	Adolescents	Data available from the Ministry of Health national P12 reports			<p><b>2018</b></p> <table border="1" data-bbox="280 230 643 864"> <thead> <tr> <th></th> <th>Māori</th> <th>Pacific</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>0-4 years</td> <td>4%</td> <td>2%</td> <td>1%</td> </tr> <tr> <td>5-12 years</td> <td>4%</td> <td>3%</td> <td>1%</td> </tr> <tr> <td>Adolescents</td> <td colspan="3">Data available from the Ministry of Health national P12 reports</td> </tr> </tbody> </table>		Māori	Pacific	Other	0-4 years	4%	2%	1%	5-12 years	4%	3%	1%	Adolescents	Data available from the Ministry of Health national P12 reports		
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Dental or Oral Health Therapist/Patient Ratio	<p><b>2008</b> Data not available</p>	<p><b>2018</b> 1:1237</p>																																
Percentage of population on 6 monthly recall	<p><b>2008</b> 50%</p>	<p><b>2018</b> 35%</p>																																
Percentage of population on 18-month recall	<p><b>2008</b> No 18 month recall (only six month and annual recall available)</p>	<p><b>2018</b> No 18 month recall (only six month and annual recall available)</p>																																
Dental or Oral Health Therapists FTE	<p><b>2008</b> 11.91</p>	<p><b>2018</b> 11.74</p>																																
Assistants FTE	<p><b>2008</b> 9.69</p>	<p><b>2018</b> 11.77</p>																																

Community Dentist FTE	<p><b>2008</b> 0.20</p>	<p><b>2018</b> 0.20</p>																																
Oral Health Promoters/Kaiāwhina FTE	<p><b>2008</b> 1.9</p>	<p><b>2018</b> 1.78 including adolescent facilitator</p>																																
Management/Admin FTE (includes Team Leader/Principal Dental Officer)	<p><b>2008</b> 1.32 FTE</p>	<p><b>2018</b> 1.8 FTE</p>																																
<p>General Anaesthetic Cases  Note: Extracted Inpatient procedures (Dental) where at least one procedure code indicated use of General Anaesthetic. 2008 data extracted from archived legacy Oracare data, while 2018 extract includes partial data from Oracare archive and partial from WebPas current system.</p> <p>No referral information could be extracted for both periods.</p> <p>Our data cannot be separated into extractions for dental caries versus extractions for orthodontic reasons. Our coding system does not facilitate this.</p>	<table border="1"> <thead> <tr> <th>2008</th> <th>Māori</th> <th>Pacific</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>0-4 years</td> <td>9</td> <td>1</td> <td>6</td> </tr> <tr> <td>5-12 years</td> <td>9</td> <td>1</td> <td>15</td> </tr> <tr> <td>Adolescents</td> <td>3</td> <td></td> <td>7</td> </tr> </tbody> </table>	2008	Māori	Pacific	Other	0-4 years	9	1	6	5-12 years	9	1	15	Adolescents	3		7	<table border="1"> <thead> <tr> <th>2018</th> <th>Māori</th> <th>Pacific</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>0-4 years</td> <td>9</td> <td>1</td> <td>12</td> </tr> <tr> <td>5-12 years</td> <td>28</td> <td>3</td> <td>43</td> </tr> <tr> <td>Adolescents</td> <td>10</td> <td></td> <td>28</td> </tr> </tbody> </table>	2018	Māori	Pacific	Other	0-4 years	9	1	12	5-12 years	28	3	43	Adolescents	10		28
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Number of Dental or Oral Health Therapist Vacancies (current)	Data not available	No current vacancies																																

Length of time take to recruit	Data not available	Generally 0-6 months, however it is dependent on the time of the year the recruitment is taking place. The middle of the year is a very difficult time to recruit.																																
Attrition rate/staff turnover	Data not available	Approximately 1 FTE per year																																
Recruitment/Retention Barriers	Aging workforce; regional areas are not as popular with new graduates as larger urban areas.	Aging workforce; regional area not as popular with new graduates as larger urban areas; low price paid per child compared with the education, prevention and treatment they receive.																																
Any new investment in Oral Health since 2008 reorientation program. Please provide details including the financial investment amount.	**Please see table at the end of this document.																																	
Did not attend rates (Mon-Friday Clinics)	<p><b>2008</b></p> <table border="1" data-bbox="863 909 1337 1570"> <thead> <tr> <th></th> <th>Māori</th> <th>Pacific</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>0-4 years</td> <td>31%</td> <td>26%</td> <td>19%</td> </tr> <tr> <td>5-12 years</td> <td>3%</td> <td>4%</td> <td>2%</td> </tr> <tr> <td>Adolescents</td> <td>8%</td> <td>17%</td> <td>8%</td> </tr> </tbody> </table>		Māori	Pacific	Other	0-4 years	31%	26%	19%	5-12 years	3%	4%	2%	Adolescents	8%	17%	8%	<p><b>2018</b></p> <table border="1" data-bbox="863 215 1337 875"> <thead> <tr> <th></th> <th>Māori</th> <th>Pacific</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>0-4 years</td> <td>36%</td> <td>36%</td> <td>21%</td> </tr> <tr> <td>5-12 years</td> <td>3%</td> <td>3%</td> <td>2%</td> </tr> <tr> <td>Adolescents</td> <td>20%</td> <td>17%</td> <td>12%</td> </tr> </tbody> </table>		Māori	Pacific	Other	0-4 years	36%	36%	21%	5-12 years	3%	3%	2%	Adolescents	20%	17%	12%
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Did Not Attend Rate (Evening/Weekend Clinics)	<p><b>2008</b></p> <p>No evening or weekend clinics provided.</p>	<p><b>2018</b></p> <p>No evening or weekend clinics provided.</p>
Number of Stainless-Steel Crowns Performed by Dental or Oral Health Therapists within COHS	<p><b>2008</b></p> <p>33 stainless steel crowns</p>	<p><b>2018</b></p> <p>2,364 stainless steel crowns</p>
Age 5 and Year 8 DMFT/dmft Data by ethnicity	<p><u><b>2008 Non fluoride</b></u></p> <p><b>5-year-olds; dmft 2.67 overall;</b></p> <p>Maori 4.24</p> <p>PI 2.44</p> <p>Other 1.77</p> <p><b>Year 8 DMFT 1.58 overall;</b></p> <p>Maori 2.37</p> <p>PI 2.95</p> <p>Other 1.17</p>	<p><u><b>2018 Non fluoride</b></u></p> <p><b>5-year-olds; dmft 2.26 overall;</b></p> <p>Maori 3.78</p> <p>PI 4.36</p> <p>Other 1.51</p> <p><b>Year 8; DMFT 0.82 overall;</b></p> <p>Maori 1.21</p> <p>PI 1.62</p> <p>Other 0.62</p>
Any other comments regarding planned initiatives or challenges faced by the service		<p>Recruitment to rural areas is extremely difficult.</p>

**\*\*Any new investment in Oral Health since 2008 reorientation program. Please provide details including the financial investment amount.**

Description of item	Cost / Investment	Year of Purchase
refurb treatment caravan	75,578.50	2017
Dental Caravan - Vintage J3857 - refurb	42,694.00	2013
Dental Washer	9,051.00	2009
Auxiliary Suction Equip Ohakune	2,320.00	2009
Auxiliary Suction Equip Taihape	2,320.00	2009
Auxiliary Suction Equip Marton	2,320.00	2009
Auxiliary Suction Equip Wgi In	4,910.00	2009
Auxiliary Suction Equip Tawhero	4,640.00	2009
Surgical Micromotor comp	7,302.00	2009
COMPRESSOR - CATTANI K200	4,396.95	2010
AUTOCLAVE IN DENTAL	6,350.00	2010
AUTOCLAVE IN DENTAL	6,350.00	2010
Curing Light	1,173.00	2010
Curing Light	1,173.00	2010
Curing Light	1,173.00	2010
Curing Light	1,173.00	2010
Radiographic Processor Perioma	3,350.00	2010
Dental Autoclave	5,740.00	2010
Dental Caravan - Molly Q820U	407,460.21	2010
Security alarm insta Q820U	1,299.77	2010
Dental Cart Forest 5200NHSS	4,250.00	2011
Dental Cart Forest 5200NHSS	4,250.00	2011
Dental Cart	4,250.00	2011
Dental Caravan - Smiley R349Q	412,657.44	2011
Dental Caravan - The GIG S408F	411,216.56	2011
Dental Caravan - Wilbur S113U	197,970.01	2012
Sign- Wilbur S113U	3,166.00	2012
Dental Caravan - Rover T251B	206,949.99	2012
Sign- Rover T251B	3,250.00	2012
Security alarm Wilbur S113U	1,299.77	2012
Security alarm Rover T251B	1,180.42	2012
Security alarm The Gig S408F	1,721.48	2011
Sign- Molly A820U	3,539.33	2011
Sign- Smiley R349Q	3,539.33	2011
Sign - The GIG S408F	3,539.34	2011
Sign- Treatment A7887A	3,267.50	2012
Dental Autoclave	7,970.00	2013
Autoclave Statim 5000s	7,970.00	2013
Dental suction unit	5,360.00	2013
Dental Xray Unit	6,500.00	2013
dental compressor	3,891.20	2013
dental compressor	3,891.20	2013
Concrete Pad	7,299.83	2013

ergonomic chair	1,919.00	2014
X Ray processor	4,000.00	2014
X Ray processor	4,000.00	2014
Autoclave Statim 5000 G4	7,900.00	2014
Dental Light	3,750.00	2015
Dental Light	3,750.00	2015
Dental Light	3,750.00	2015
Dental Light	3,750.00	2015
Autoclave Statim 5000 G4	8,500.00	2015
Autoclave Statim 5000 G4	8,500.00	2015
Dental Xray Unit	5,450.00	2015
Dental Xray Unit	6,792.50	2016
Dental compressor	5,120.00	2016
Dental Cart	6,818.00	2016
X Ray processor	3,900.00	2016
Dental Light	4,154.00	2016
Dental Light	4,154.00	2016
Dental Light	4,154.00	2016
Dental Light	4,154.00	2016
Autoclave Statim 5000 G4	9,750.00	2016
Autoclave Statim 5000 G4	9,750.00	2016
Autoclave Statim 5000 G4	9,750.00	2016
Dental Chair A7887A	17,400.00	2016
Thermal Disinfector A7887A	9,700.00	2016
Dental Suction Unit	3,925.00	2016
Autoclave Statim 5000 G4	8,950.00	2017
Autoclave Statim 5000 G4	8,950.00	2017
Autoclave Statim 5000 G4	8,950.00	2017
Autoclave Statim 5000 G4	8,950.00	2017
Autoclave Statim 5000 G4	8,950.00	2017
Dental Chair	18,490.00	2017
Dental compressor	5,296.00	2018
Dental Suction Unit	3,892.79	2018
Dental Light	5,210.00	2018
Dental Cart	4,615.00	2018
Dental Cart	4,615.00	2018
Dental Cart	4,615.00	2018
Dental Tool Lubricator	2,976.00	2018
Dental Tool Lubricator	2,976.00	2018
Dental Tool Lubricator	2,976.00	2018
Dental Light	5,210.00	2018
Dental Light	5,210.00	2018
Dental compressor	5,296.00	2018
Dental compressor	5,296.00	2018



Dental staff chairs (39)	21,638.92	2018
Dental Chair	21,446.20	2019
Renovations	15,900.86	2019
Cabinets	4,700.00	2019
Dental Instrument Washer	9,759.00	2019
Dental Instrument Washer	11,119.00	2019

Total investment 2008-2019: \$2,239,881.24 as at 30 June 2019.