The Adolescent Health Research Group

To provide high quality, accurate and timely research that seeks to improve the health and wellbeing of young people in Aotearoa, New Zealand
The Youth2000 Survey Series

1. National Secondary School Student Surveys
   2001 - 9,699 adolescents
   2007 - 9,107 adolescents
   2012 - 8,500 adolescents

2. School Climate Surveys
   2007 School Climate
   2012/13 School Climate

3. Alternative Education Surveys
   2009 - 335 adolescents
   2000 – 268 adolescents

4. Teen Parent Unit Survey
   2006 - 220 adolescents

5. Wharekura Survey
   2007 – 22 kura and 677 taiohi*

www.youthresearch.auckland.ac.nz

*confidential report
How old are you?

- under 12 years
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- over 19 years
# Youth2000 series sample characteristics

<table>
<thead>
<tr>
<th></th>
<th>2001</th>
<th>2007</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Schools</strong></td>
<td>114 (86% response)</td>
<td>96  (84% response)</td>
<td>91  (73% response)</td>
</tr>
<tr>
<td><strong>Decile</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>low</td>
<td>n 26</td>
<td>n 15</td>
<td>n 26</td>
</tr>
<tr>
<td></td>
<td>% 22.9</td>
<td>% 16.3</td>
<td>% 28.6</td>
</tr>
<tr>
<td>med</td>
<td>n 49</td>
<td>n 52</td>
<td>n 36</td>
</tr>
<tr>
<td></td>
<td>% 43.1</td>
<td>% 56.5</td>
<td>% 39.6</td>
</tr>
<tr>
<td>high</td>
<td>n 39</td>
<td>n 25</td>
<td>n 29</td>
</tr>
<tr>
<td></td>
<td>% 34.2</td>
<td>% 27.2</td>
<td>% 31.9</td>
</tr>
<tr>
<td><strong>Students</strong></td>
<td>9,567 (73% response)</td>
<td>9,107 (74% response)</td>
<td>8,500 (68% response)</td>
</tr>
<tr>
<td><strong>Gender</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>n 4,414</td>
<td>n 4,911</td>
<td>n 3,874</td>
</tr>
<tr>
<td></td>
<td>% 46.1</td>
<td>% 54.0</td>
<td>% 45.6</td>
</tr>
<tr>
<td>Female</td>
<td>n 5,152</td>
<td>n 4,187</td>
<td>n 4,623</td>
</tr>
<tr>
<td></td>
<td>% 53.9</td>
<td>% 46.0</td>
<td>% 54.4</td>
</tr>
<tr>
<td><strong>Ethnicity</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Māori</td>
<td>n 2,325</td>
<td>n 1,702</td>
<td>n 1,701</td>
</tr>
<tr>
<td></td>
<td>% 24.7%</td>
<td>% 18.7%</td>
<td>% 20.0%</td>
</tr>
<tr>
<td>Pacific</td>
<td>n 768</td>
<td>n 1,178</td>
<td>n 1,201</td>
</tr>
<tr>
<td></td>
<td>% 8.2%</td>
<td>% 10.2%</td>
<td>% 14.1%</td>
</tr>
<tr>
<td>Asian</td>
<td>n 679</td>
<td>n 1,310</td>
<td>n 1,051</td>
</tr>
<tr>
<td></td>
<td>% 7.2%</td>
<td>% 12.4%</td>
<td>% 12.4%</td>
</tr>
<tr>
<td>NZ Euro</td>
<td>n 5,219</td>
<td>n 6,871</td>
<td>n 4,024</td>
</tr>
<tr>
<td></td>
<td>% 55.4%</td>
<td>% 52.8%</td>
<td>% 47.7%</td>
</tr>
<tr>
<td>Other</td>
<td>n 417</td>
<td>n 817</td>
<td>n 511</td>
</tr>
<tr>
<td></td>
<td>% 4.4%</td>
<td>% 5.8%</td>
<td>% 6.0%</td>
</tr>
<tr>
<td>&gt;1 ethnic groups</td>
<td>29%</td>
<td>39%</td>
<td>42%</td>
</tr>
</tbody>
</table>
Happy how family get along

Parent wants to know where you are & who with

Spend enough time with at least one parent/person who acts as a parent
School Relationships

- Adults at school care a lot
- Teachers are fair
- Like school or it's OK

Year | Adults care a lot | Teachers are fair | Like school or it's OK
--- | --- | --- | ---
2001 | 23 | 43 | 85
2007 | 25 | 49 | 87
2012 | 27 | 52 | 90
Risky driving behaviours

- Driven a car after drinking 2 or more glasses of alcohol
- Driven by someone who has been drinking alcohol
- Driven dangerously by someone

**Year** 2001 2007 2012

- Driven a car after drinking 2 or more glasses of alcohol: 8 8 4
- Driven by someone who has been drinking alcohol: 28 23 18
- Driven dangerously by someone: 39 24 18

Legend:
- Blue: Driven a car after drinking 2 or more glasses of alcohol
- Red: Driven by someone who has been drinking alcohol
- Green: Driven dangerously by someone
Substance use

- Cigarette use (monthly or more)
- Marijuana use (monthly or more)
- Binge drinking within last 4 weeks
Suicide attempts & depressive symptoms

- 2001: 8% Suicide attempt in last 12 mths, 12% Depressive symptoms
- 2007: 5% Suicide attempt in last 12 mths, 11% Depressive symptoms
- 2012: 5% Suicide attempt in last 12 mths, 13% Depressive symptoms

%
Percentage change for Taitamariki Māori between 2001 and 2012
Are the disparities reducing for Māori youth?

Most disparities comparing Māori to NZ European/Pākehā students show little difference BUT disparities are narrowing for:

- Students intentions to complete secondary school (Year 13)
- Significant depressive symptoms
- Weekly or more frequent smoking
- Being a passenger with someone who had been drinking alcohol
- Being currently sexually active
- Witnessing violence in the home
Disparities

Less likely to report

• Feeling close to whanau
• Enough time with whanau
• Bullied at school
• Teachers treating students fairly
• People at school expecting them to do well
• Excellent, very good, good health
• GP care in past year
• Always use contraception
• Regular part time work
• Wear seat belts (esp younger students)

More likely to report

• Unable to access healthcare
• Attempt suicide
• Be a passenger with driver who had been drinking
• Being driven by someone dangerously
• Weekly use of marijuana
• Witness adults hitting children in their home
• Witness adults hitting each other in the home
• Sexual coercion/abuse
• Feeling safe in their neighbourhood
• Being sexually active (esp younger students)
• Smoking weekly (females only)
• Be hit on purpose (females only)
• Weekly alcohol (females and younger students)
Weekly drinking – evidence from 28 countries
Source: Health Behaviour in School-Aged Children study

de looze et al EJPH 2015
Trends in Current Cigarette Smoking by High School Students* and Adults** — United States, 1965-2011

*Percentage of high school students who smoked cigarettes on 1 or more of the 30 days preceding the survey (Youth Risk Behavior Survey, 1991-2011).

**Percentage of adults who are current cigarette smokers (National Health Interview Survey, 1965-2011).
Source: Data from De Voe et al, 2004
“a girl who feels like she should have been a boy, or a boy who feels he should have been a girl”

1.2% transgender, 2.5% unsure
<table>
<thead>
<tr>
<th></th>
<th>N (%)</th>
<th>OR (95%CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Significant depressive symptoms</td>
<td></td>
<td>&lt;.000</td>
</tr>
<tr>
<td>Cis gender (n = 7,580)</td>
<td>897 (11.8)</td>
<td>1.0</td>
</tr>
<tr>
<td>Transgender (n = 83)</td>
<td>34 (41.3)</td>
<td>5.7 (3.6–9.2)</td>
</tr>
<tr>
<td>Not sure (n = 190)</td>
<td>58 (30.9)</td>
<td>3.4 (2.5–4.6)</td>
</tr>
<tr>
<td>Self-harmed in past 12 months</td>
<td></td>
<td>&lt;.000</td>
</tr>
<tr>
<td>Cis gender (n = 7,710)</td>
<td>1,809 (23.4)</td>
<td>1.0</td>
</tr>
<tr>
<td>Transgender (n = 95)</td>
<td>44 (45.5)</td>
<td>2.7 (1.7–4.3)</td>
</tr>
<tr>
<td>Not sure (n = 201)</td>
<td>80 (40.4)</td>
<td>2.2 (1.6–2.9)</td>
</tr>
<tr>
<td>Attempted suicide in past 12 months</td>
<td></td>
<td>&lt;.000</td>
</tr>
<tr>
<td>Cis gender (n = 7,678)</td>
<td>315 (4.1)</td>
<td>1.0</td>
</tr>
<tr>
<td>Transgender (n = 95)</td>
<td>19 (19.8)</td>
<td>5.0 (2.9–8.8)</td>
</tr>
<tr>
<td>Not sure (n = 198)</td>
<td>16 (8.2)</td>
<td>1.8 (1.0–3.1)</td>
</tr>
</tbody>
</table>

Clark et al, 2014. JAH 55, 93-99
Planning

New questions
- pain, sleep, IT..

New triangulation?
- other data sets,
- use of geo and community level data

Integration of HL BI
Guide
Tena koe, haere mai. Welcome to SPARX! I am going to be your Guide. I'm here to show you how SPARX works and help you learn new skills. I also hope that you'll have fun along the way.
Thank you for finishing the Youth’18 survey!

Would you like to find out some options for getting help for...

– Feeling happier
– Cutting down or giving up smoking
– Getting fitter
– Something else
– No thanks

You will be able to choose another option later on
Feeling happier

• It is normal to feel down sometimes, but there are places you can go and people you can talk to help you feel better when you need it.

• Would you like to
  – Check out xx
  – Find out how I can get help
Feeling happier – what can you do?

• Talk to a GP or family doctor Tell me how
• Talk to someone at school (like a nurse or counsellor) Tell me how
• Visit http://www.sparx.org.nz/ or http://www.youthline.co.nz/
• Call or text Youthline 0800 37 66 33

Email me this Text me this
Youth2018

Your thoughts?

www.youthresearch.auckland.ac.nz
Thank You

The Youth’12 project was funded by the Ministries of Youth Development, Social Development, Health, Education and Justice, the Department of Labour, the Families Commission and the Health Promotion Agency (HPA)

www.youthresearch.auckland.ac.nz