Reading the Active NZ Data Tables







Data tables sit alongside the Active NZ main report

The data tables provide results included in the report split by a range of population sub-groups

The data tables are separated into different sheets based on the content in that section of the report

e.g. all data relating to questions covered in section 1 of the report will be found in section 1 of the data tables

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Data tables are presented in an excel format



Active NZ 2017 - Tables to accompany the report DRAFT v	4 - Excel		Amie Kend	lall 🗹 —	٥
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Significant differences: A result in red font means the result is significantly lower than the total. A result in green font means the result is significantly higher than t

Gei	nder		Ag	e					Ethnicity			
lale	Female	5 to 7 years	8 to 11 years	12 to 14 years	15 to 17 years	European (net)	Māori (net)	Pacific (net)	Asian (net)	Samoan	Indian	Chinese
894	3095	1605	2347	1252	800	5118	1041	308	549	155	118	234
5%	94%	94%	96%	98%	89%	96%	95%	92%	89%	91%	91%	88%
5%	6%	6%	4%	2%	11%	4%	5%	8%	11%	9%	9%	12%
00%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
894	3095	1605	2347	1252	800	5118	1041	308	549	155	118	234
1.6	10.4	10.6	11.4	12.5	8.3	11.3	12.2	11.0	8.3	11.0	8.3	8.2
to use	the data ta	bles Section	on 1_YoungPo	eople Se	ction 1_Adul	ts Sectior	n 2_YoungPe	ople (4	-) : •			
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									Ц			



Statistical Significance

 Statistical significance is an objective measure that shows whether any are simply due to chance.

important, relevant or useful.

* Note: there is an acceptable element of chance built into statistical testing – typically 5%.

differences observed between groups being studied are "real" or whether they

Knowing a difference is statistically significant does not mean the difference is

Base Sizes

All bases are commented on at the top of each table outlining the number of respondents who answered each question.

- A base size of less than 100 is small and caution is advised when interpreting the results.
- A base size of less than 30 means the base size is very small and therefore the results are indicative only.



There

Reading the tables (2)

1) Compares the result for the group to the total 2) Compares the results group to the other gender of that same group.

ALWAYS CHECK THE TOP OF THE SPREADSHEET TO SEE WHICH TYPE APPLIES.

Active NZ Adults 18+ (2017 results)		Sig	nificant dif	fference	s: A result i	n red / gree	n font mean		-	ntly <u>higher /</u>	lower than	the <u>other g</u> e	ender within	the same
SECTION 1: PARTICIPATION								<u>age c</u>	<u>iroup</u> .					
	Gender / age													
	TOTAL		years /	24 years AND emale	25-34 years AND Male	25-34 years AND Female	35-49 years AND Male	35-49 years AND Female	50-64 years AND Male	50-64 years AND Female	65-74 years AND Male	65-74 years AND Female	75+ years AND Male	75+ years AND Female
WEEKLY PARTICIPATION IN SPORT AND ACTIVE RECREATION Q7. THINKING BACK OVER THE LAST 7 DAYS (NOT INCLUDING TODAY) HAVE YOU DONE ANY PHYSICAL ACTIVITY THAT WAS SPECIFICALLY FOR THE PURPOSE OF SPORT, EXERCISE OR RECREATION?	LAST 7 D/													
Base: All respondents aged 18 or over						1000						1050		
Total (Unweighted)	26854			1851	1134	1839	3701	5221	3213	3437	1540	1659	966	960
Yes	73%			74%	78%	74%	76%	78%	• 70%	75% •	68%	71%	62%	61%
No	27%			26%	22%	26%	24%	22%	30%	25%	32%	29%	38%	39%
Sum	100%	10	0% 1	00%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

e a	re	2	different	types	of	significance	testing.
-----	----	---	-----------	-------	----	--------------	----------

A result in red font shows where a result is	A result in green font shows where a result
significantly lower than the other gender	is significantly <u>higher</u> than the other
within the same group (in this example, 50-	gender within the same group (in this case,
64 year olds).	50-64 year olds).

What this means



<u>Results in green font</u>: Adults aged 35-49 years old are more likely to participate in sport, exercise and recreation compared 14,968 females responded with the total (77% vs. 73% total). to this question. Significant differences: A result in red font means the result is signific Gender Age 18-24 years 25-34 years 35-49 years 50-64 years 65-74 years 75+ years Male Female 14968 11788 3110 2982 8938 6663 3206 1937 73% **• 75%** 72% 62% 74% 75% 77% • 69% **<** 27% 25% 26% 28% 25% 23% 31% 38% 100% 100% 100% 100% 100% 100% 100% 100% 75% of adults aged 18-24 years participated **Results in red font:** Adults aged 65-74 are less likely to participate in sport, exercise in sport, exercise or recreation in the last 7 and recreation compared with the overall days. This result is not statistically

significant vs the total.

result (69% vs. 73% overall).

Test your understanding...

Active NZ Young People 5-17 yrs (2017 results) SECTION 5: MOTIVATION		Significant differences: A result in red font means the result is significantly <u>lower</u> than the <u>total</u> . A result in green font means the result is significantly <u>higher</u> than the <u>total</u> .									
		Ger	nder								
SPORT NEW ZEALAND	TOTAL	Male	Female	5 to 7 years	8 to 11 years	12 to 14 years	15 to 17 years				
TOP MAIN MOTIVATIONS											
Q58. PEOPLE DO DIFFERENT ACTIVITIES FOR DIFFERENT REASONS AT DIFFERENT TIMES. SO, THINKING ABOUT THE LAST TIME YOU DID THIS PHYSICAL ACTIVITY FOR SPORT, PE, EXERCISE OR FUN, WHAT WAS THE ONE MAIN REASON YOU DID IT?											
Base: All respondents aged 5 to 17 that have participated in physical activity		-									
Total (Unweighted)	5722	2766	2944	1523	2263	1222	714				
To physically challenge myself or to win	28%	28%	27%	11%	25%	39%	34%				
To hang out with family or friends	45%	46%	43%	44%	46%	48%	36%				
For fun	76%	77%	74%	84%	78%	77%	57%				
For fitness or health	31%	29%	32%	8%	19%	47%	54%				
To lose or maintain weight	5%	3%	8%	1%	1%	8%	15%				
To look good	2%	3%	2%	0%	1%	3%	6%				
To learn or practice a new skill	31%	30%	32%	39%	34%	27%	22%				
I'm good at it	13%	12%	14%	4%	12%	19%	17%				
I have to (my parents/caregiver or school make me)	28%	26%	31%	31%	33%	28%	16%				
Another reason	9%	9%	10%	4%	6%	16%	12%				
Sum	268%	263%	273%	226%	254%	312%	271%				

Review the table and answer the following questions:

- 1. What percentage of young female participants have done at least one activity for fitness or health in the last 7 days?
- 2. Is this different to males?
- 3. How does being active for fitness or health change with age?

Test your understanding – Answers

Active NZ Young People 5-17 yrs (2017 results) SECTION 5: MOTIVATION			significantly	t differences: A v <u>lower</u> than the result is signifi	e <u>total</u> . A resi	ult in green fo	nt means the
		Gender			A		
SPORT NEW ZEALAND	TOTAL	Male	Female	5 to 7 years	8 to 11 years	12 to 14 years	15 to 17 years
TOP MAIN MOTIVATIONS							
Q58. PEOPLE DO DIFFERENT ACTIVITIES FOR DIFFERENT REASONS AT DIFFERENT TIMES. SO, THINKING ABOUT THE LAST TIME YOU DID THIS PHYSICAL ACTIVITY FOR SPORT, PE, EXERCISE OR FUN, WHAT WAS THE ONE MAIN REASON YOU DID IT?							
Base: All respondents aged 5 to 17 that have participated in physical activity Total (Unweighted)	5722	days 2766	2944	1523	2263	1222	714
To physically challenge myself or to win	28%	2700	27%	11%	2205	39%	34%
To hang out with family or friends	45%	46%	43%	44%	46%	48%	36%
For fun	76%	77%	74%	84%	78%	77%	57%
For fitness or health	31%	29%	32%	8%	19%	47%	54%
To lose or maintain weight	5%	3%	8%	1%	1%	8%	15%
To look good	2%	3%	2%	0%	1%	3%	6%
To learn or practice a new skill	31%	30%	32%	39%	34%	27%	22%
I'm good at it	13%	12%	14%	4%	12%	19%	17%
I have to (my parents/caregiver or school make me)	28%	26%	31%	31%	33%	28%	16%
Another reason	9%	9%	10%	4%	6%	16%	12%
Sum	268%	263%	273%	226%	254%	312%	271%

Review the table and answer the following questions:

1. What percentage of young female participants have done at least one activity for fitness or health in the last 7 days?

Answer: 32%

2. Is this different to males?

Answer: Young males are significantly less likely to participate for fitness and health (red font) than all Young People

Young females (green font) are significantly more likely to participate for fitness and health than all Young People

3. How does being active for fitness or health change with age?

Answer: The number of young people participating for fitness and health increases with age. Young People aged 5-7 and 8-11 years are significantly less likely than all young people to

participate for fitness and health. Young people aged 12-14 and 15-17 years are significantly more likely to participate for fitness and health than all young people.

















TASK 2

Active NZ Adults 18+ (2017 results) SECTION 6: HURDLES		Si	gnificant dif	ferences: A	result in <mark>rec</mark>	d / green for	nt means the	result is si	gnificantly <u>h</u>	igher / lowe	<u>r</u> than the <u>o</u>	ther gende	r within the s	same ethnic	<u>ity</u> .
			Gender within ethnicity												
SPORT NEW ZEALAND	TOTAL	Male AND European (net)	Female AND European (net)	Male AND Māori (net)	Female AND Māori (net)	Male AND Pacific (net)		Male AND Asian (net)	Female AND Asian (net)	Male AND Samoan	Female AND Samoan	Male AND Indian	Female AND Indian	Male AND Chinese	Female AND Chinese
PROPORTION WHO WANT TO PARTICIPATE MORE Q31. WANTING TO DO MORE EXERCISEOVERALL, WOULD YOU LIKE TO BE DOING MORE PHYSICAL ACTIVITY FOR SPORT, EXERCISE OR RECREATION THAN YOU ARE CURRENTLY DOING?															
Base: All respondents aged 18 or over Total (Unweighted) Yes - I would like to be doing more	26845 74%	10021 71%	12954 77%	1352 71%	1806 78%	293 76%	375 83%	802 75%	986 78%	132 76%	166 87%	203 79%	246 77%	362 73%	409 76%
No Sum	26% 100%	29% 100%	23% 100%	29% 100%	22% 100%	24% 100%	17% 100%	25% 100%	22% 100%	24% 100%	13% 100%	21% 100%	23% 100%	27% 100%	24% 100%

Review the table and answer the following questions:

- What percentage of female participants who identify as Māori want to participate in more physical activity for sport, exercise 1. or recreation?
- 2. How does this result compare to male participants who identify as Māori ?

Test your understanding ...

Active NZ Adults 18+ (2017 results) SECTION 6: HURDLES		Sig	gnificant dif	ferences: A	result in <mark>re</mark> o	d / green for	nt means the	e result is si	gnificantly <u>h</u>	igher / lowe	<u>r</u> than the <u>o</u>	ther gende	r within the s	same ethnic	<u>ity</u> .
			Gender within ethnicity												
SPORT NEW ZEALAND	TOTAL	Male AND European (net)	Female AND European (net)	Male AND Māori (net)	Female AND Māori (net)	Male AND Pacific (net)		Male AND Asian (net)	Female AND Asian (net)	Male AND Samoan	Female AND Samoan	Male AND Indian	Female AND Indian	Male AND Chinese	Female AND Chinese
PROPORTION WHO WANT TO PARTICIPATE MORE Q31. WANTING TO DO MORE EXERCISEOVERALL, WOULD YOU LIKE TO BE DOING MORE PHYSICAL ACTIVITY FOR SPORT, EXERCISE OR RECREATION THAN YOU ARE CURRENTLY DOING?															
Base: All respondents aged 18 or over Total (Unweighted) Yes - I would like to be doing more No	26845 74% 26%	10021 71% 29%	12954 77% 23%	1252 71% • 29%	• 78%	293 76% 24%	375 83% 17%	802 75% 25%	986 78% 22%	132 76% 24%	166 87% 13%	203 79% 21%	246 77% 23%	362 73% 27%	409 76% 24%
Sum	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Review the table and answer the following questions:

What percentage of females who identify as Māori want to participate in more physical activity for sport, exercise or 1. recreation?

Answer: 78%

2. How does this result compare to males who identify as Māori?

Answer: 71% of males who identify as Māori want to participate more. This is significantly lower than for females who identify as Māori

Reading the regional data tables

Regional data tables

- These data tables match the Year 1 data tables, but are provided for each of the Regional Sports Trusts.
- Provide each RST with the ability to look at results by age, gender, ethnicity, deprivation, etc within their specific region.
- two sheets.
- is used.

	SPORT NEW ZEALAND	
	WEEKLY PARTICIPATION IN SPORT AND ACTIVE RECREATION (LAST 7 Q12. IN THE LAST 7 DAYS (NOT INCLUDING TODAY) HAVE YOU DONE ANY PHYSICAL ACTIVITY SPECIFICALLY FOR SPORT, PHYSICAL EDUCATION EXERCISE OR FUN?	Y
Sheets labelled <u>without</u> a "(2)' compare the results for the group to the 'TOTAL" (e.g male vs total)	Base: All respondents aged 5 to 17 Total (Unweighted) Yes No Sum	
	AVERAGE NUMBER OF HOURS PER WEEK SPENT PARTICIPATING Q16b. IN TOTAL IN THE LAST 7 DAYS HOW MANY HOURS DID YOU SPEND PHYSICALLY ACTIVE FOR SPORT, PE, EXERCISE OR FUN?) BE
	Total (Unweighted) Average (mean) number of hours Image: Image with the section 1_YoungPeople Section 1_YoungPeople Section 1_YoungPeople)

The only difference between Year 1 main tables and the regional table is that the two types of significance testing are split between

Check whether the sheet you are looking at has a '(2)' at the end of the label or not as this shows which type of significance testing

		Ge	nder			Age			
	TOTAL	Male	Female	5 to 7 years	8 to 11 years	12 to 14 years	15 to 17 years	European (net)	Māori (net)
YS)									
E),									
	408	212	194	92	145	96	75	304	31
	94%	94%	94%	92%	96%	97%	90%	97%	97%
	6%	6%	6%	8%	4%	3%	10%	3%	3%
	100%	100%	100%	100%	100%	100%	100%	100%	100%
EING									
	408	212	194	92	145	96	75	304	31
<	9.4	10.1	8.6	7.6	9.2	12.4	7.8	10.3	9.5
Sec	tion 1_Ac	lults	Section	1 Adu	lts (2)	Se	(+) :	•	



Reading the sports and activities tables

Sports and activities tables

These data tables are very different from the first two sets and have primarily been produced for National Sport Organisations and National Recreation Organisations with two objectives:

1. To understand how people participate by sport/activity

e.g. intent or reason for doing the activity on the last occasion, wheth the activity has been done competitively, whether they have had coaching for the activity.

	2.	To understand who participates by sport/activity
her	٠	e.g. the age and gender profile of those who have participated in their activity in the last 7 days / 12 months
	•	The data tables also break this down further into who has participated competitively versus non-competitively.



Significance testing in the sports and activities tables

Active NZ Adults 18+ (2017 results)							
TABLE SET 1 - HOW PEOPLE PARTICIPATE	Significant differences: A result in red font means the result is significantly higher than the average across all activities.						
SPORT NEW ZEALAND	Freshwater fishing	Golf	Football (soccer)	Tennis			
WEEKLY PARTICIPATION IN EACH SPORT OR ACTIVITY							
Q8. WHICH OF THE FOLLOWING HAVE YOU DONE IN THE LAST 7 DAYS? PLEASE ONLY SELECT THE ACTIVITIES WHERE YOU HAVE BEEN PHYSICALLY ACTIVE SPECIFICALLY FOR SPORT, EXERCISE OR RECREATION.							
Base: All respondents aged 18 or over							
Total (Unweighted)	26806	26806	26806	26			
Yes	1%	4%	2%				
No	72%	70%	71%	7			
Non-Participant	27%	27%	27%	2			
Sum	100%	100%	100%	1(

A result in green font shows where a result is significantly higher than the average across all activities

What this means:

4% of adults have participated in golf in the last 7 days. This result is higher than the average across all activities

There are 2 different types of significance testing

TESTING APPLIES



Significance testing in the sports and activities tables cont...

Active NZ Adults 18+ (2017 results)				ALWAYS CH	HECK THE TOP (OF THE SPREA	OSHEET TO SEE	WHICH TYPE O	F SIGNIFICANCE T	
TABLE SET 5: WHO PARTICIPATES COMPETITIVELY - PARTICIPATION IN EACH ACTIVITY COMPETITIVELY IN THE LAST 12 MONTHS	or cross-country	APPLIES Significant differences: A result in red / green font means the result is significantly higher / lower than the other group within the same activity. (E.g								
SPORT NEW ZEALAND	Has done Freshwater fishing competitively in the last 12 months	Has NOT done Freshwater fishing competitively in the last 12 months	Has done Golf competitively in the last 12 months	Has NOT done Golf competitively in the last 12 months	Has done Football (soccer) competitively in the last 12 months	Has NOT done Football (soccer) competitively in the last 12 months		Has NOT done Tennis competitively in the last 12 months	Has done Table tennis competitively in the last 12 months	
Q2. ARE YOU? Base: All respondents aged 18 or over										
Total (Unweighted)	112	1598	1051	2029	766	911	470	1790	180	
Male	78%	68%	83%	76%	76%	68%	60%	54%	72%	
Female Gender diverse	22% 0%	32% 0%	• 17% 0%	24% 0%	23%	32% 0%	40%	46% 0%	28% 0%	
A result in red font shows where a result is the other group within the sa What this means: Among adults who have done golf comp months, 17% are female This result is low	s significantly <u>lowe</u> me activity cetitively in the las	er than • •t 12					A result in green <u>higher</u> than th Among adults wh	font shows when the other group wit What this me tho have done foor	e a result is signification the same activity	

months, 17% are temale. This result is lower than for temales who have not done golf competitively in the last 12 months. This means females are more likely to participate in golf non-competitively than competitively.

There are 2 different types of significance testing

1.) Compares the results for the activity to the average result across all activities

2.) Compares the results for a group to the other group within the same activity

 $1 \ge 11011113$, 10/0 are mare. This result is males who have not done football competitively in the last 12 months. This means males are more likely to do football competitively than non-competitively





How to read the sports and activities tables

Two types to table are provided within the sport and activity tables (check the "base" to determine which applies) :

- 1. Based on all adults or young people (to provide an incidence in the total population)
- participated in Rugby in the last 7 days, their main intent was...)

		Active NZ Adults 18+ (2017 results)								
		TABLE SET 1 - HOW PEOPLE PARTICIPATE	Significant differe	ences: A result in	red f					
	٦	SPORT								
1. This table is based on "All				Dunning (In					
respondents aged		NEW ZEALAND	Walking	Running / Jogging	work eq					
18 or over" i.e.			Waiking	0099119	4					
participants and										
non-participants in										
each sport and		ERECHENCY OF ACTIVITIES IN THE LAST 7 DAVE DASS		/						
activity		FREQUENCY OF ACTIVITIES IN THE LAST 7 DAYS - BASED ON ALL ADULTS Q13, HOW MANY TIMES HAVE YOU DONE THIS ACTIVITY IN THE LAST 7 DAYS?								
	۲	Base: All respondents aged 18 or over								
		Total (Upweighted)	26440	00700						
		Total (Unweighted) Mean (Including '0')	26440	26762 0.5						
		incur (including o)		0.0						
2. This table is		FREQUENCY OF ACTIVITIES IN THE LAST 7 DAYS - BASE	ED ON THOSE WHO	HAVE DONE EAC	НАСТ					
based on "those		Q13. HOW MANY TIMES HAVE YOU DONE THIS ACTIVITY I	N THE LAST 7 DAYS	?						
who have done	٩	Base: Those who have done physical activity specifically for	the nurnose of sport	evercise or recre	ation i					
physical activity		base. Those who have done physical deavity specifically for	and purpose of sport							
specifically for the		Total (Unweighted)	19128	19450						
purpose of sport,		Mean (Including '0')	3.7	0.7						
exercise of										
recreation in the last										
7 days"										

2. By those who have done each activity (to provide an understanding of those who have done the activity e.g. among those who have



Where to find the tables

You can find the Active NZ Data Tables (along with the Main Report, Technical Report and FAQ's) on our website

www.sportnz.org.nz/activenz

If you have a query about the contents of this report, please email <u>activenz@sportnz.org.nz</u>

