



Sports Survey for Chinese Students

Four Primary Schools

- Sunnybrae Normal School
- Sunnynook Primary School
- Takapuna Primary School
- Willow Park Primary School

Prepared by Harbour Sport's ActivAsian Team

11th November 2011

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OVERALL RESULTS FROM THE SPORTS SURVEY COMPLETED BY CHINESE STUDENTS AT THE FOUR PRIMARY SCHOOLS

228 surveys (Appendix 1 – Sports Survey) were distributed to Chinese students in four primary schools:

- Willow Park Primary
- Sunnynook Primary
- Sunnybrae Normal Primary
- Takapuna Primary

94 surveys were completed and returned, giving a return rate of 41.2 %.

The strongest statistic was that 96.6 % of the children surveyed said they would like to play MORE Sport. The Sports that they most wanted to play were:

- Netball 27.8 %
- Table tennis 27.8 %
- Badminton 24.1 %
- Hockey 24.1 %

Netball was not in the top 3 Sports that children would like to play more in 2009 and 2010, so it has increased in popularity over the last year.

Swimming was the most popular Sport that children participate in regularly and also that they participate in outside of school, with 75.8 % of children participating in at least one Sport outside of school.

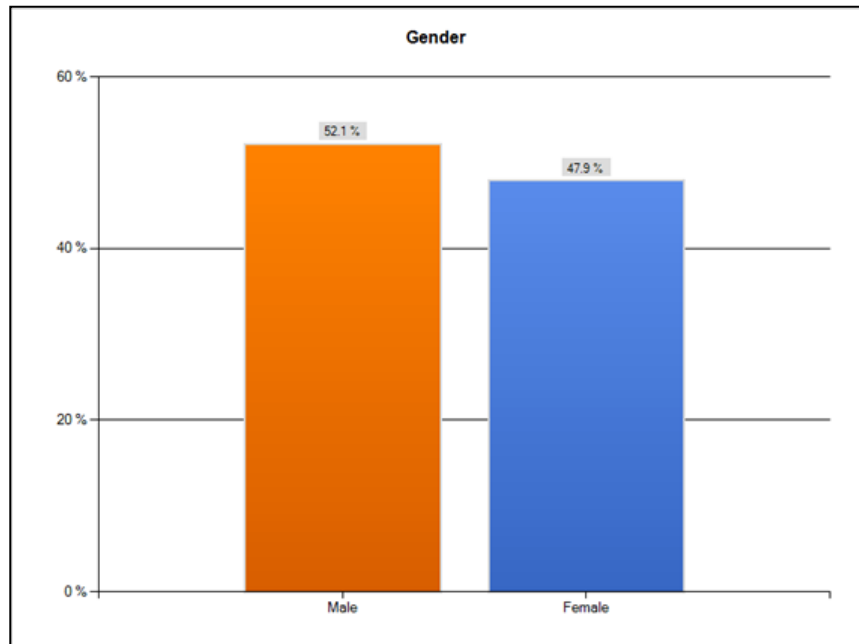
In contrast to previous years there was only a small gender difference in the level of participation in after-school Sport. More surprisingly, it was a larger percentage of females than males (76.2 % and 75.5 %, respectively). There has been an increase by 5% in Chinese children participating in sport after schools.

The main barriers to Sport were:

- I do other things 44.4 %
- Too expensive 34.6 %
- I live too far away 25.9 %

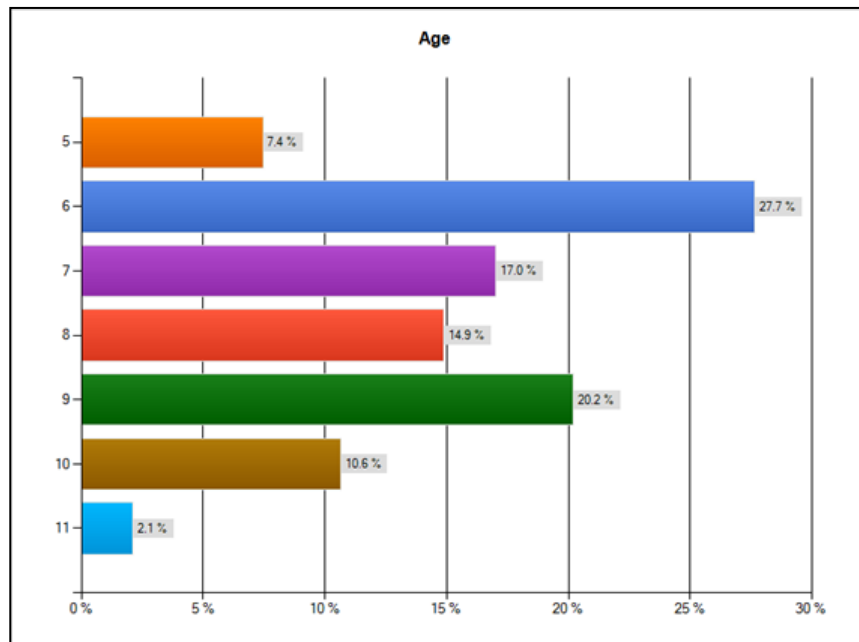
The results from these surveys are displayed in the graphs to follow:

GRAPH 1: Gender



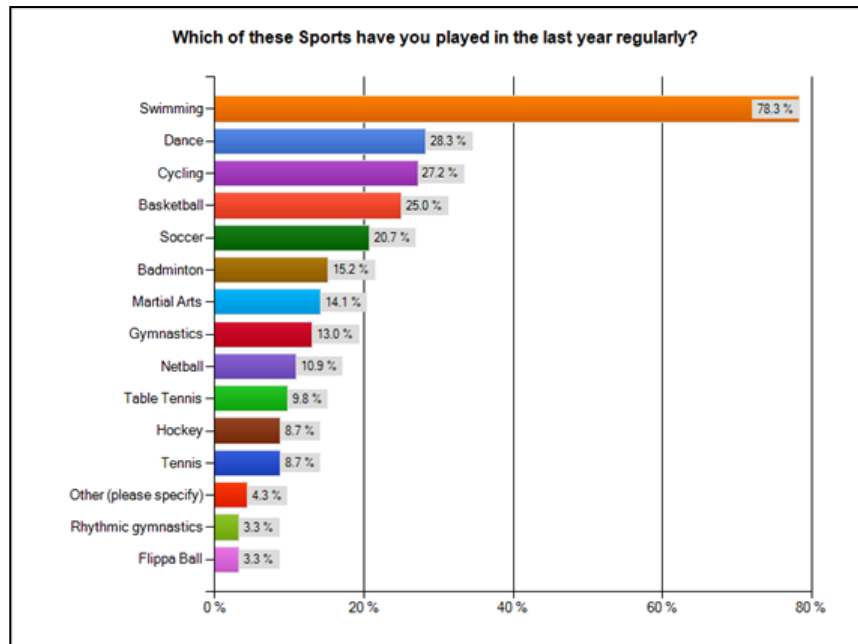
N = 94

GRAPH 2: Age



N = 94

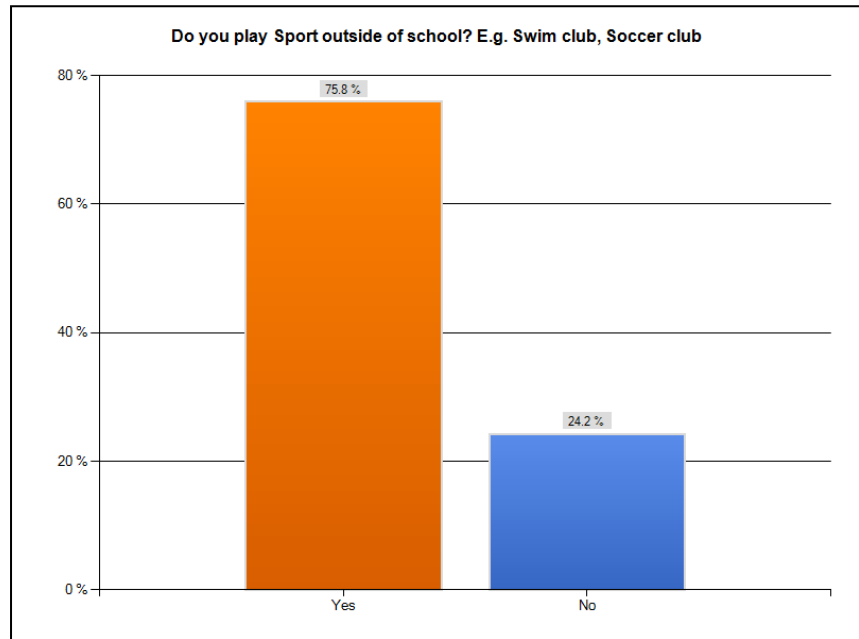
GRAPH 3: Sports Chinese students have played in the last year regularly.



N = 92, based on those that have played at least one sport regularly in the last year

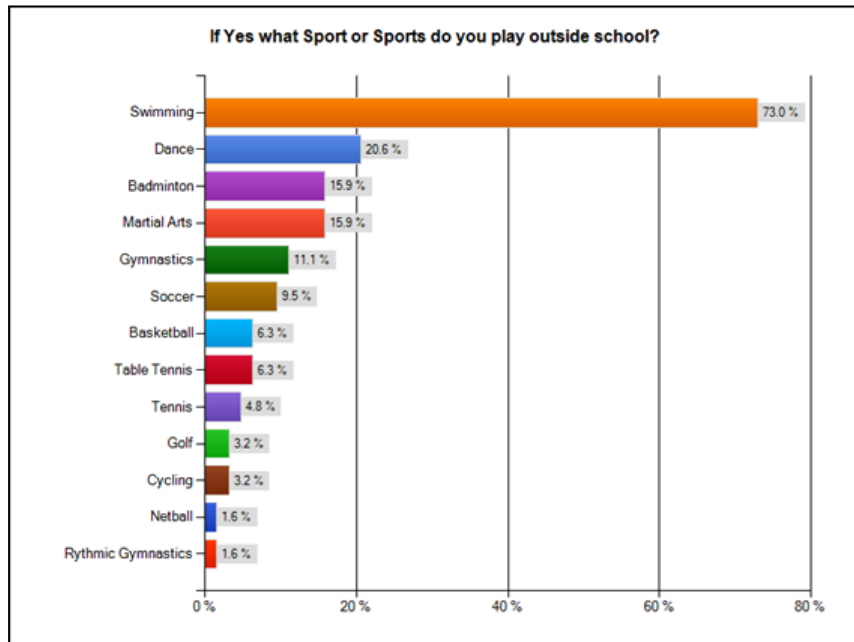
Other: Rugby (2.2 %), golf (2.2 %), running (1.1 %), ice-skating (1.1 %), touch rugby (1.1 %), softball (1.1 %), skiing (1.1 %), rollerblading (1.1 %), ripper rugby (1.1 %), ice hockey (1.1 %), hula hoop (1.1 %), skipping (1.1 %)

GRAPH 4: Number of Chinese students involved in Sport outside of school.



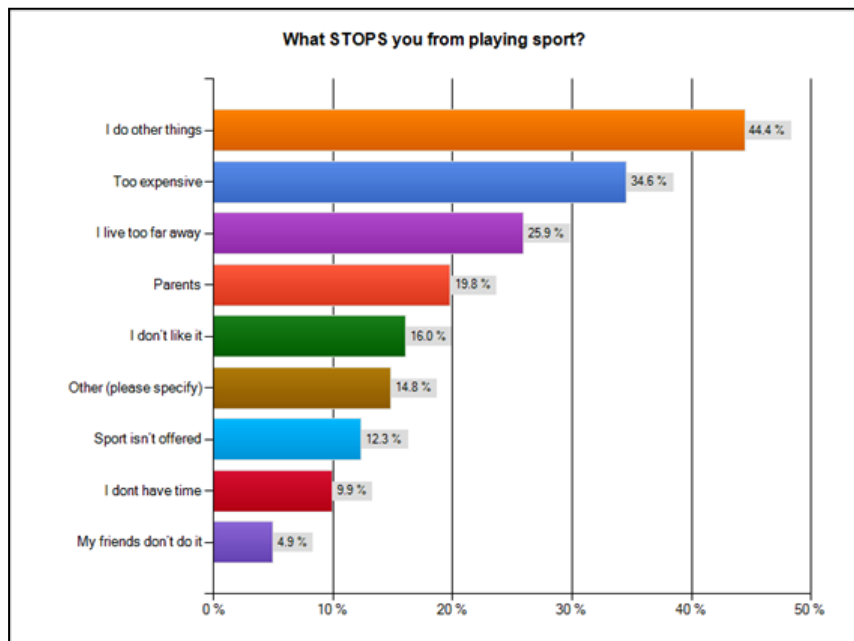
N = 91

GRAPH 5: Sports those Chinese students play outside of school.



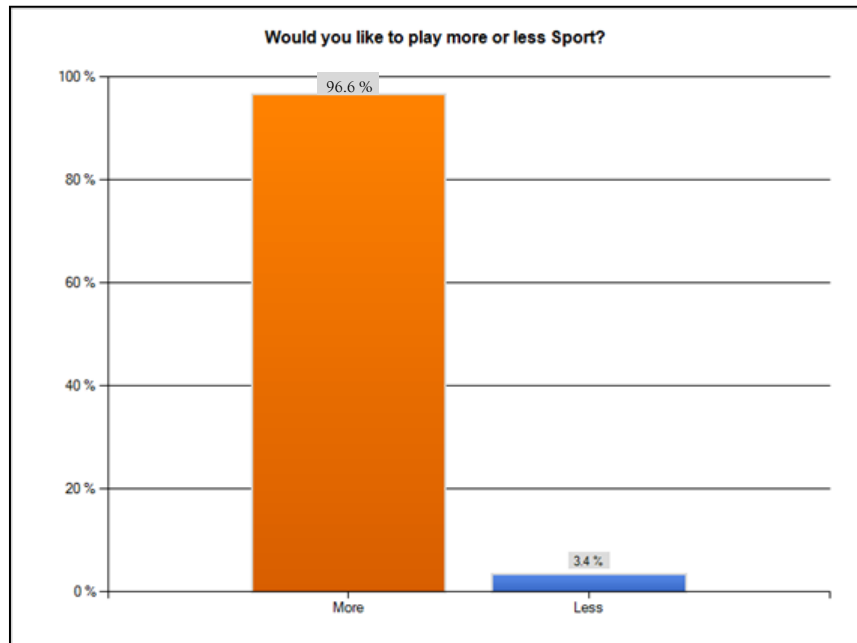
N = 63, based on those that play at least one sport outside school
 Other: Kelly sports (3.2 %), ten-pin bowling (1.6 %)

GRAPH 6: Reasons that Chinese students don't play Sport.



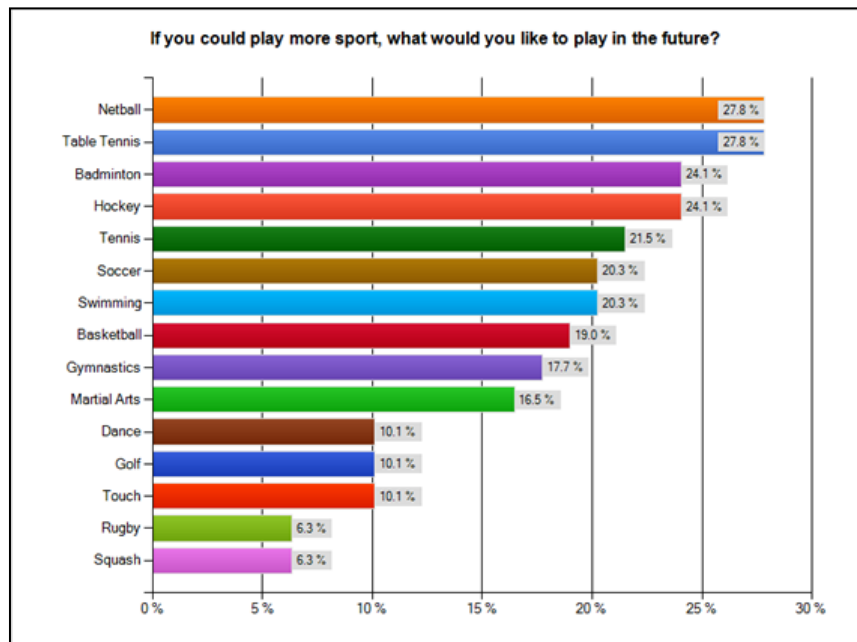
N = 81, based on those that perceive at least one barrier to Sport participation.
 Other: Rules too difficult to understand (1.2 %), too tiring (1.2 %), inappropriate time (1.2 %), don't know where to get information about Sports (2.5 %), too busy (1.2 %), I don't want to (1.2 %), parents too busy to take me (1.2 %), too young for some Sports (1.2 %), only came to NZ for a short time (1.2 %), had a crash (1.2 %), don't know where to apply for Sports (1.2 %)

GRAPH 7: Whether the Chinese students would like to play more or less Sport.



N = 88

GRAPH 8: Sports the Chinese students would like to play in the future.



N = 79, based upon those that would like to play at least one sport in the future

Other: Cycling (5.1%), volleyball (3.8%), flippaball (1.3%), softball (1.3%), baseball (1.3%), archery (1.3%), boxing (1.3%), horse riding (1.3%)

OVERALL GENDER DIFFERENCES

A surprising gender difference was that a slightly larger percentage of females (76.2 %) were involved in Sport outside of school than males (75.5 %), as there has been a much larger percentage of males than females in the previous two years.

Swimming is the most popular Sport for both males and females and is commonly participated in outside of school. There were gender differences regarding other Sporting preferences.

The most popular Sports for males:

- Basketball 38.8 %
- Soccer 30.6 %
- Cycling 26.5 %

The most popular Sports for females:

- Dance 48.8 %
- Cycling 27.9 %
- Gymnastics 23.3 %

Sports males would like to play more:

- Soccer 30.2 %
- Basketball 27.9 %
- Hockey 27.9 %

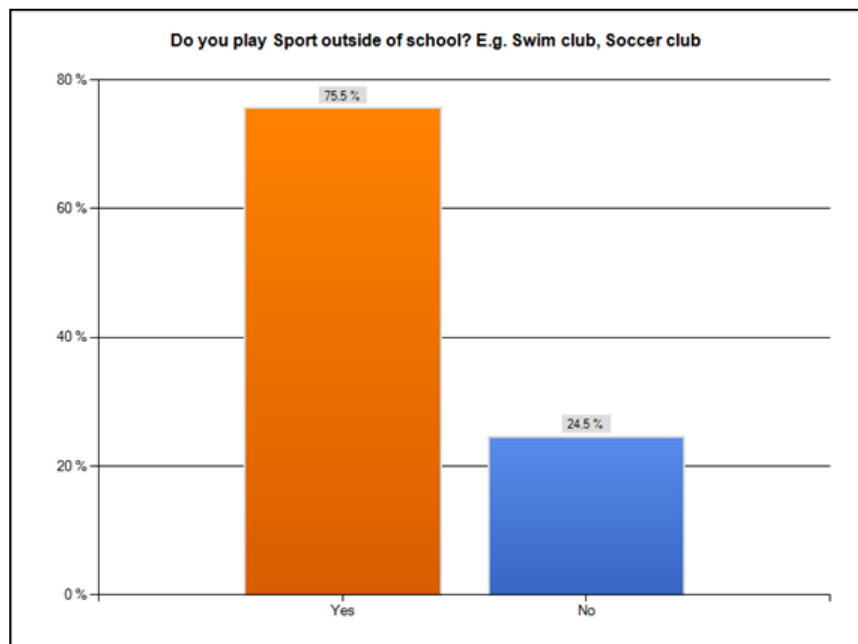
Sports females would like to play more:

- Netball 52.8 %
- Table tennis 38.9 %
- Badminton 30.6 %
- Gymnastics 30.6 %

Males were interested in playing a much broader range of Sports in the future than were females.

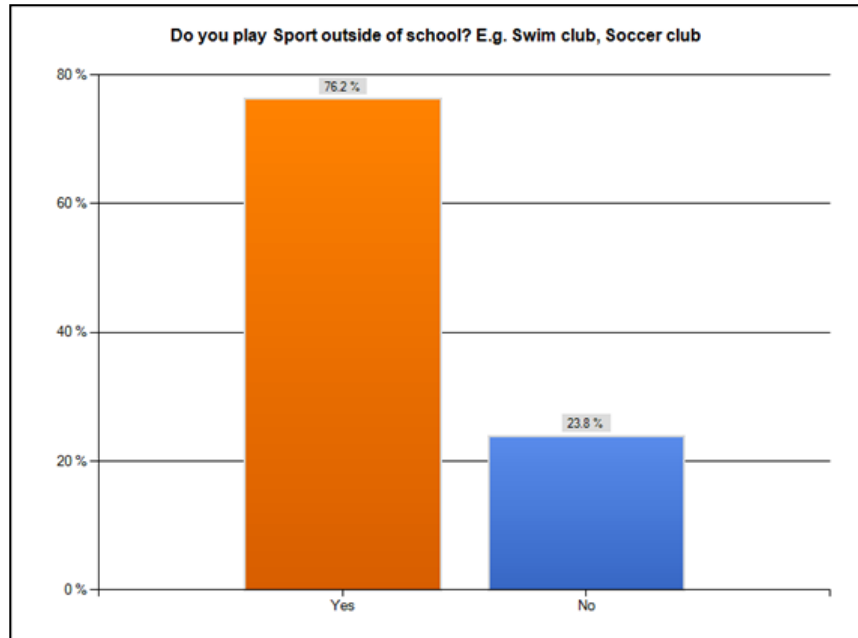
There were gender differences with regards to the Sports played outside school. Swimming was by far the most popular for both males and females (73.5 % and 72.4 %, respectively). However, females were also interested in dance (34.5 %), gymnastics (20.7 %) and badminton (13.8 %), whereas males were more likely to play martial arts (29.4 %), soccer (17.6 %) and basketball (17.6 %).

GRAPH 1: Number of Chinese males involved in Sport outside school



N = 49

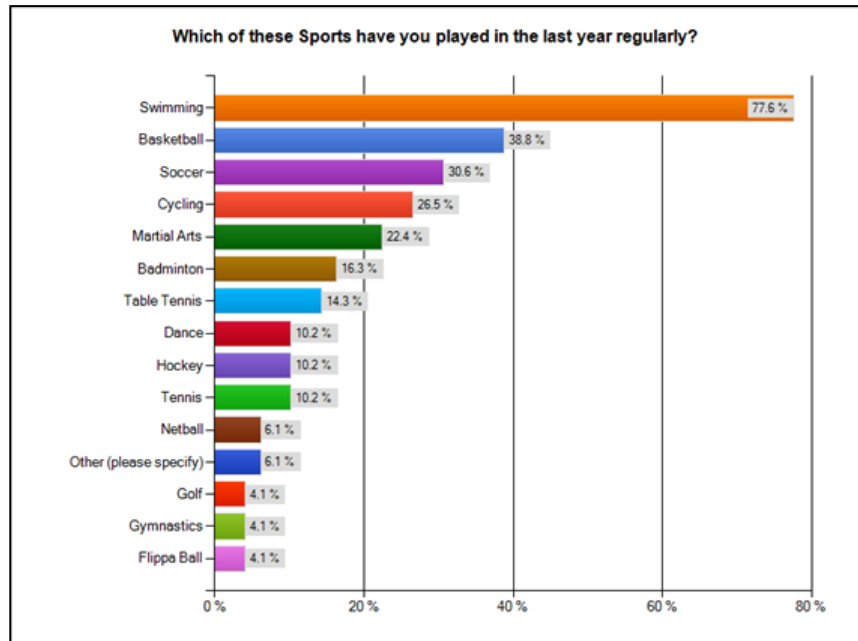
GRAPH 2: Number of Chinese females involved in Sport outside school



N = 42

OVERALL GENDER BREAKDOWN - MALE SPORT

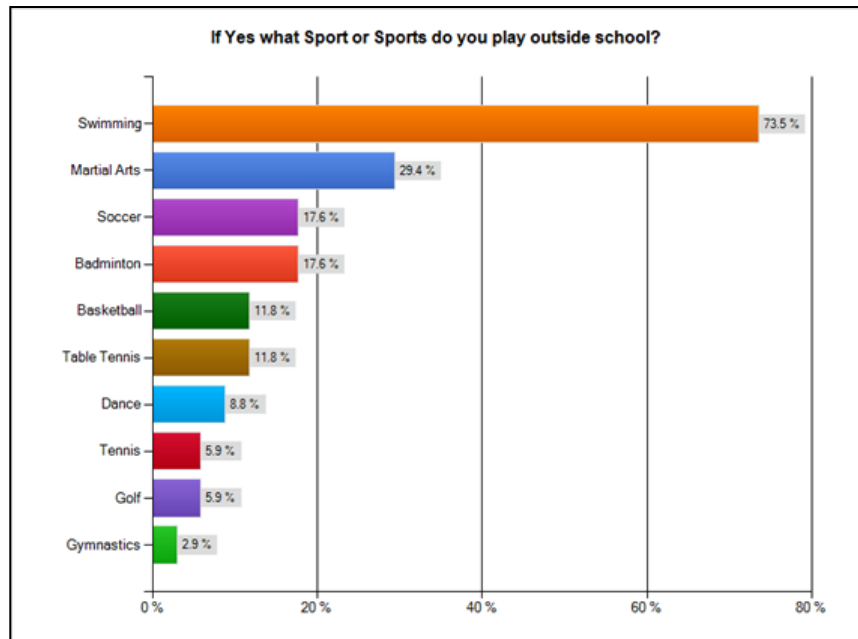
GRAPH 3: Sports that Chinese males participate in regularly



N = 49, based on those that play at least one Sport regularly

Other: Skiing (2.0%), ripper rugby (2.0%), rollerblading (2.0%), ice hockey (2.0%)

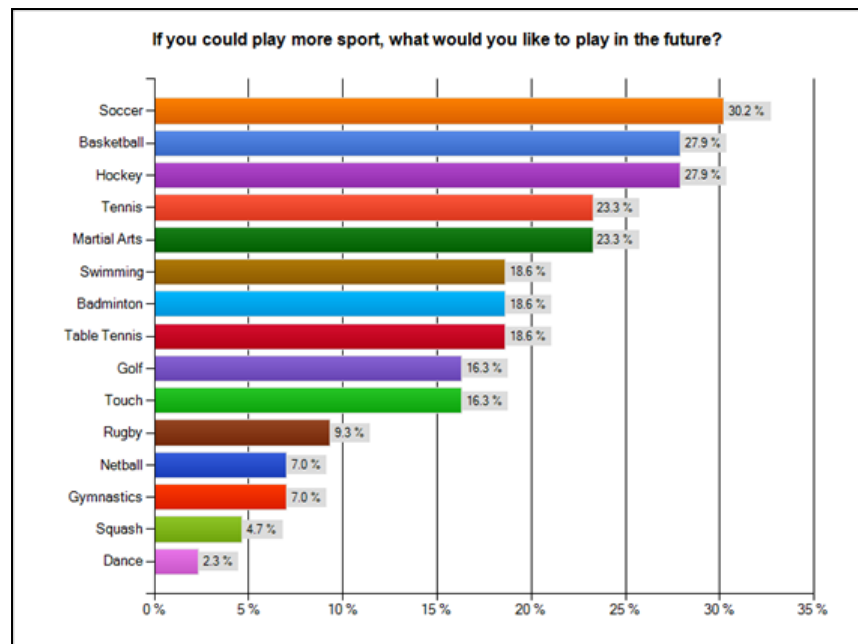
GRAPH 4: Sports that Chinese males play outside of school



N = 34, based on those that play at least one Sport outside of school

Other: Kelly Sport (2.9%)

GRAPH 5: Sports that Chinese males would like to play in the future

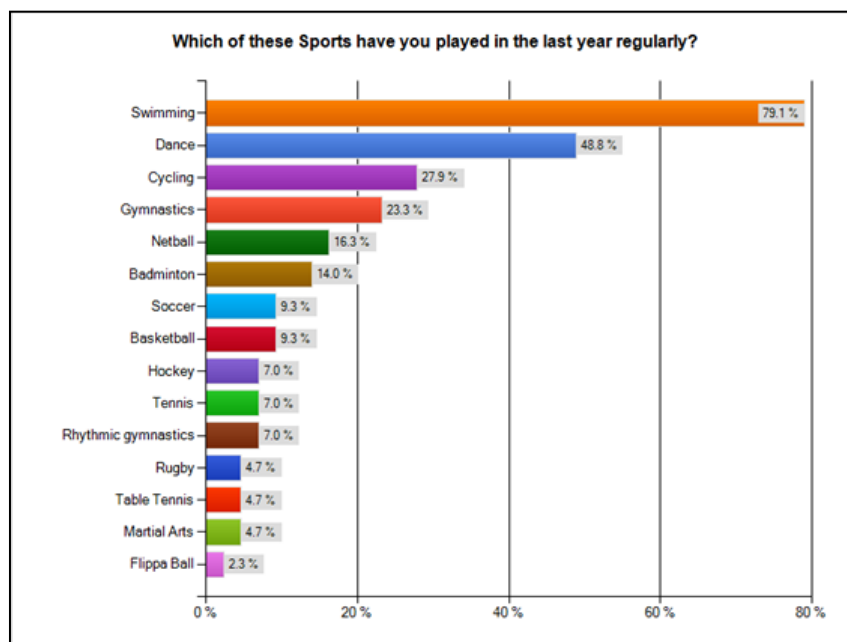


N = 43, based on those that would like to play at least one Sport in the future

Other: Volleyball (4.7 %), baseball (2.3 %)

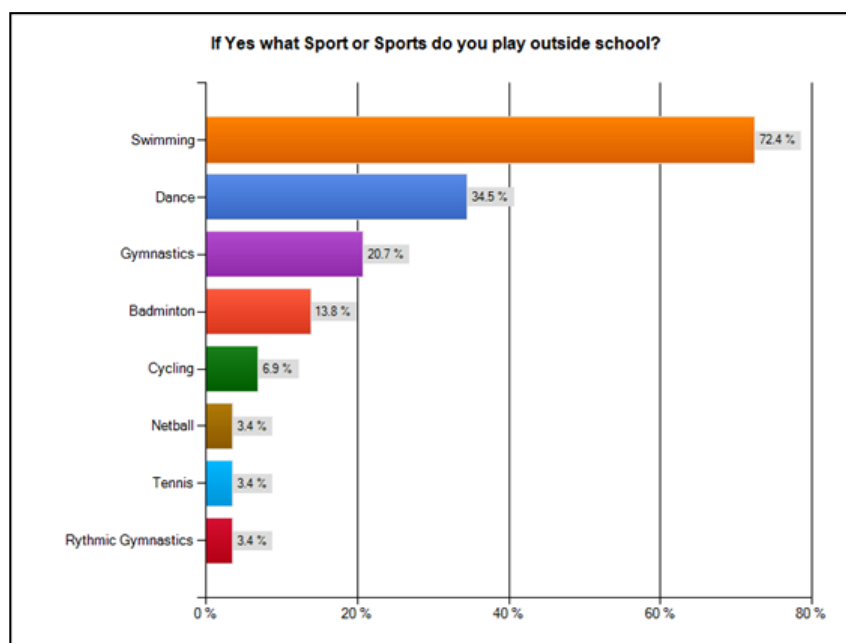
OVERALL GENDER BREAKDOWN – FEMALE SPORT

GRAPH 6: Sports that Chinese females participate in regularly



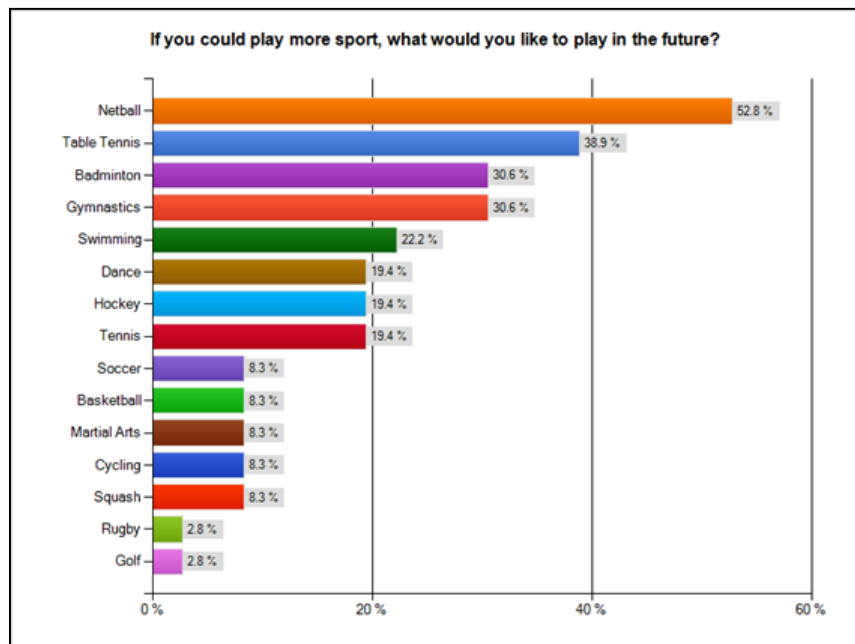
N = 43, based on those that play at least one Sport regularly
 Other: Touch rugby (2.3%), softball (2.3%), hula hoop (2.3%), skipping (2.3%)

GRAPH 7: Sports that Chinese females play outside of school



N = 29, based on those that play at least one Sport outside of school
 Other: Kelly sports (3.4%), ten-pin bowling (3.4%)

GRAPH 8: Sports that Chinese females would like to play in the future

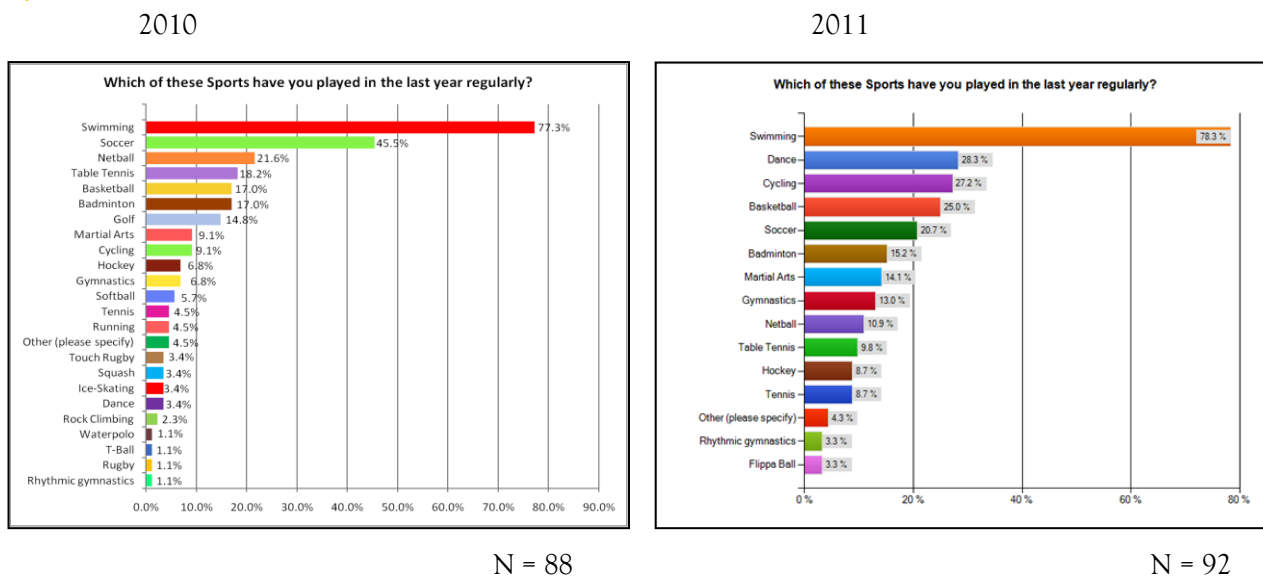


N = 36, based on those that would like to play at least one Sport in the future
Other: Touch (2.8 %), flippaball (2.8 %), volleyball (2.8 %), archery (2.8 %), boxing (2.8 %), horse riding (2.8 %)

2010 AND 2011 SPORTS SURVEY RESULT COMPARISON FOR FOUR SCHOOLS

The graphs below show comparison of 2010 and 2011 survey results:

GRAPH 1: Sports played in the last year regularly.



Other: Rugby, golf, running, ice-skating, touch rugby, softball, skiing, rollerblading, ripper rugby, ice hockey, hula hoop, skipping

Swimming remains the most participated in Sport between 2010 and 2011. There are some differences with regards to the popularity of other Sports.

Sports with a substantial increase in participation between 2010 and 2011:

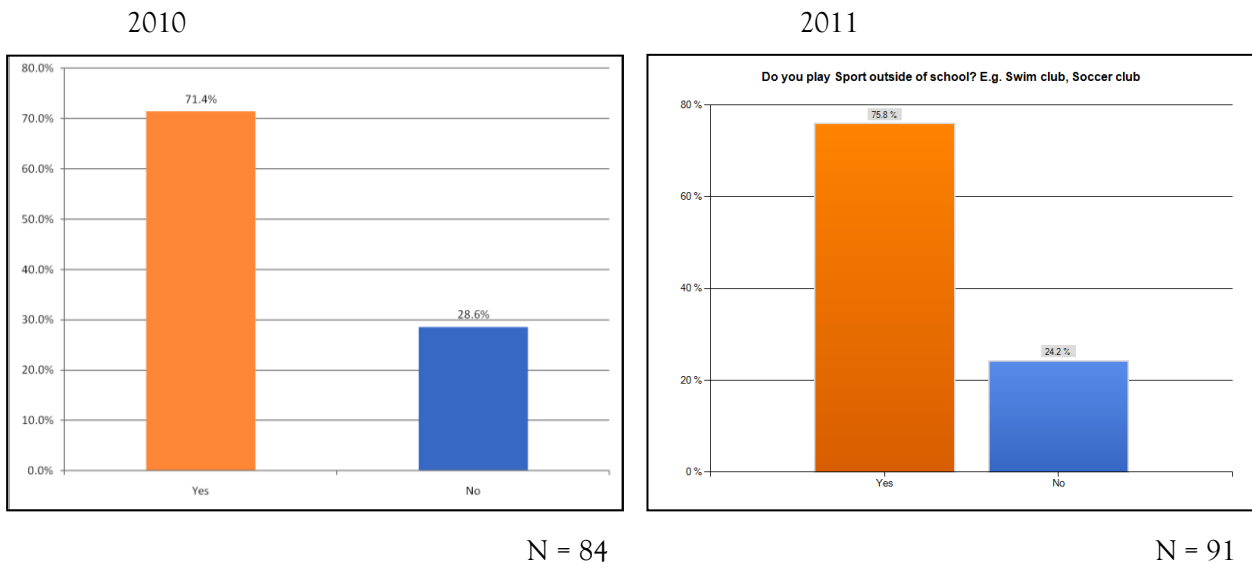
- Dance 3.4 % to 28.3 %
- Cycling 9.1 % to 27.2 %
- Basketball 17.0 % to 25.0 %

Sports with a substantial decrease in participation between 2010 and 2011:

- Soccer 45.5 % to 20.7 %
- Golf 14.8 % to 2.2 %
- Netball 21.6 % to 10.9 %

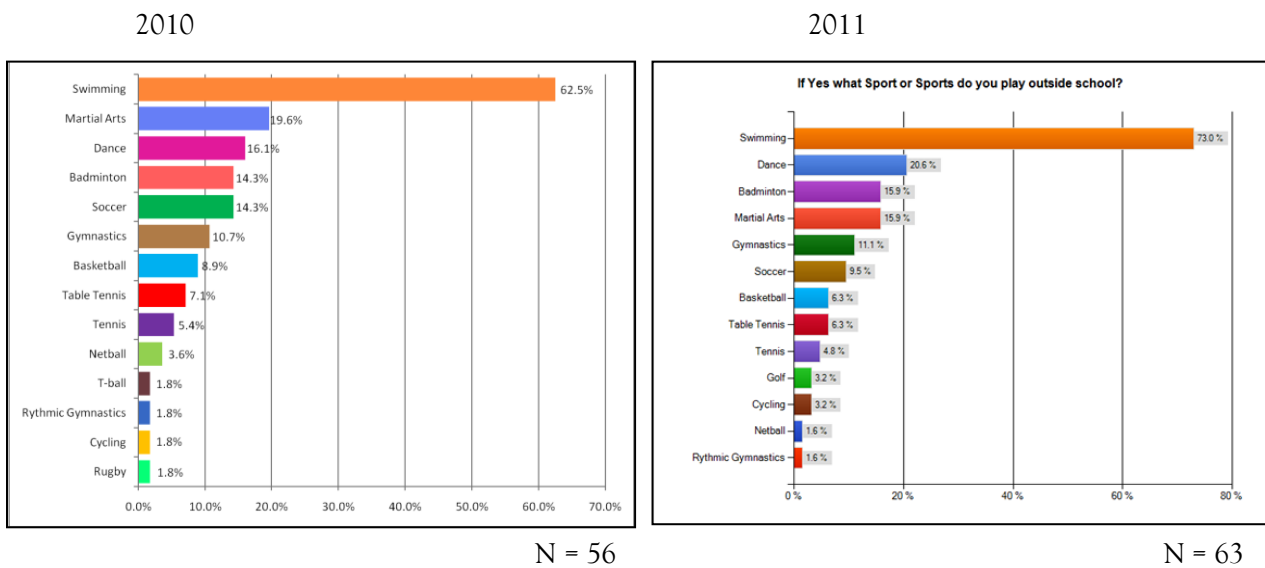
Waterpolo, rock climbing and t-ball are no longer participated in regularly by Chinese students; however, new Sports in 2011 include ripper rugby, hula hoop and skipping.

GRAPH 2: Whether the students play Sport outside school.



There has been a 4.4 % increase in participation in Sport outside of school by Chinese students between 2010 and 2011.

GRAPH 3: Sports the students play outside of school.



Other: Kelly sports (3.2 %), ten-pin bowling (1.6 %)
 Swimming has remained the most participated in Sport outside of school.

Sports with a substantial increase in participation outside of school:

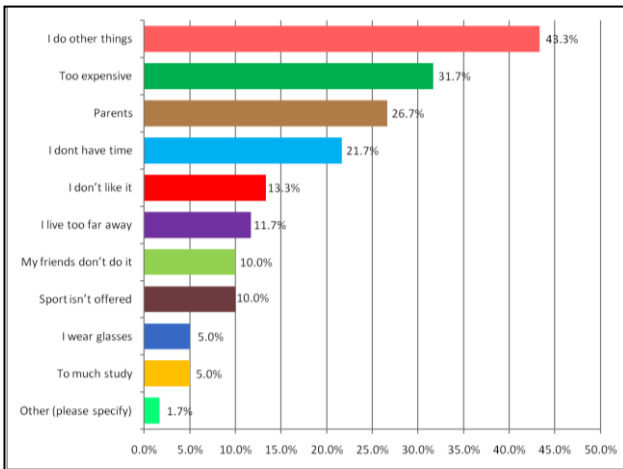
- Dance 16.1 % to 20.6 %
- Golf 0.0 % to 3.2 %

Sports with a substantial decrease in participation outside of school:

- Soccer 14.3 % to 9.5 %
- Martial Arts 19.6 % to 15.9 %

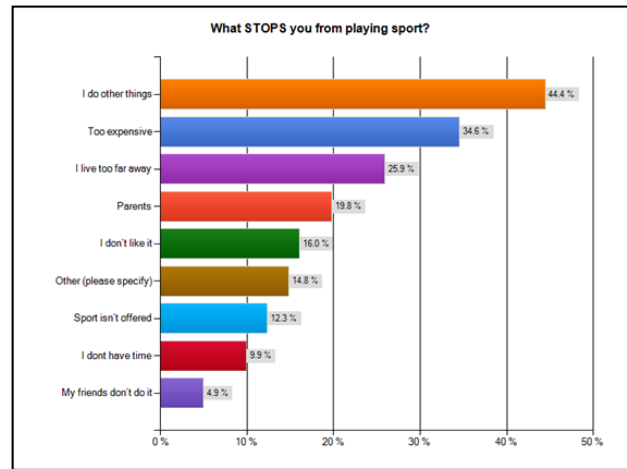
GRAPH 4: Barriers to participation in Sport.

2010



N = 60

2011



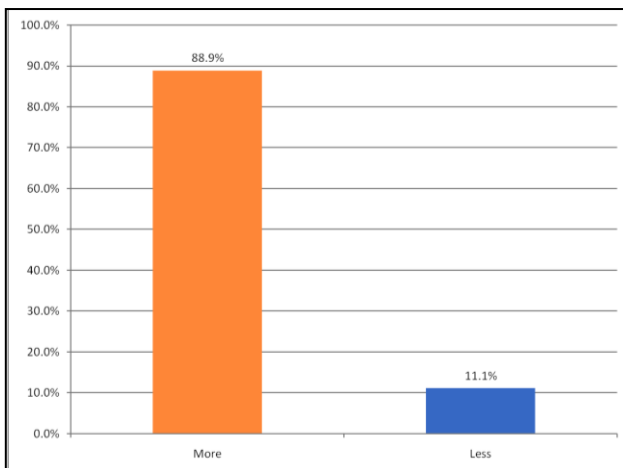
N = 81

Other: Rules too difficult to understand, too tiring, inappropriate time, don't know where to get information about Sports, too busy, I don't want to, parents too busy to take me, too young for some Sports, only came to NZ for a short time, had a crash, don't know where to apply for Sports

The main barriers to playing Sport are consistent between 2010 and 2011, the top 2 barriers remaining as "I do other things" and "Too expensive". The main difference between the years is that in 2011 a much broader range of reasons was quoted for lack of participation including new, atypical reasons such as having a crash, Sport being too tiring and the rules being too difficult to understand.

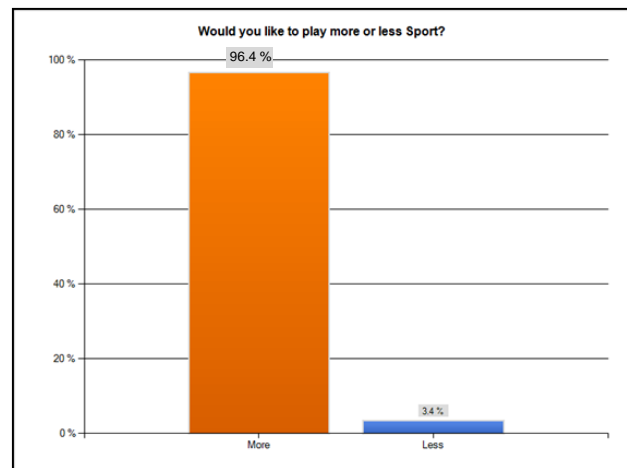
GRAPH 5: Whether the students would like to play more or less Sport.

2010



N = 81

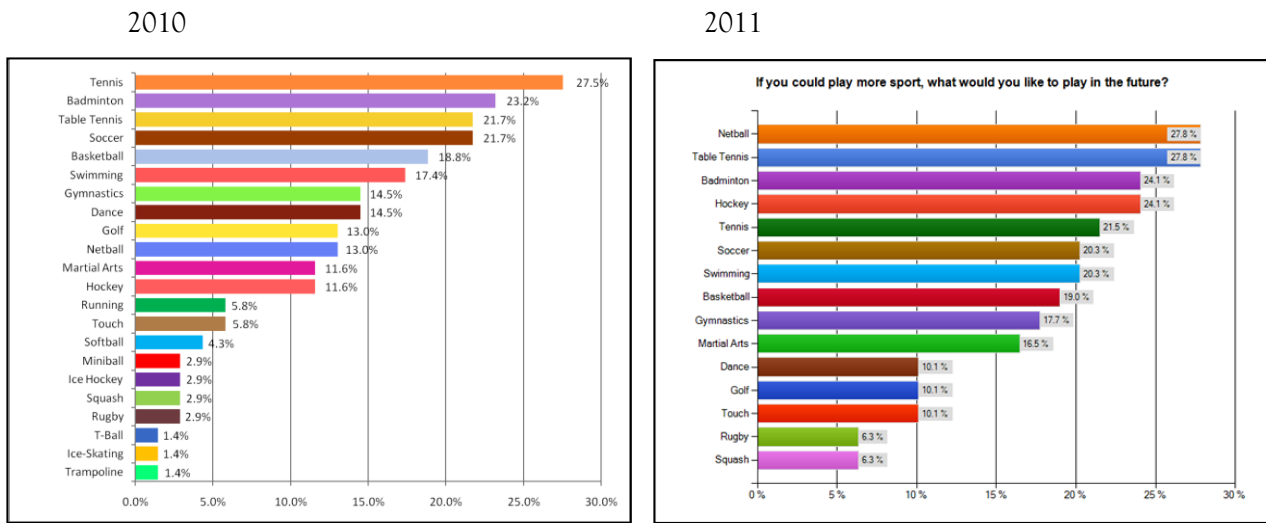
2011



N = 88

The number of Chinese students that would like to play more Sport has increased by 7.7 % between 2010 and 2011 to 94.1 %.

GRAPH 6: Sports the children would like to play in the future.



N = 69

N = 79

Other: Cycling, volleyball, flippaball, softball, baseball, archery, boxing, horse riding

There is a much broader range of Sports in 2011. New Sports the students would like to play in the future are cycling, flippaball, archery and boxing.

Sports with a substantial increase in students wanting to participate more:

- Netball 13.0 % to 27.8 %
- Hockey 11.6 % to 24.1 %
- Table tennis 21.7 % to 27.8 %

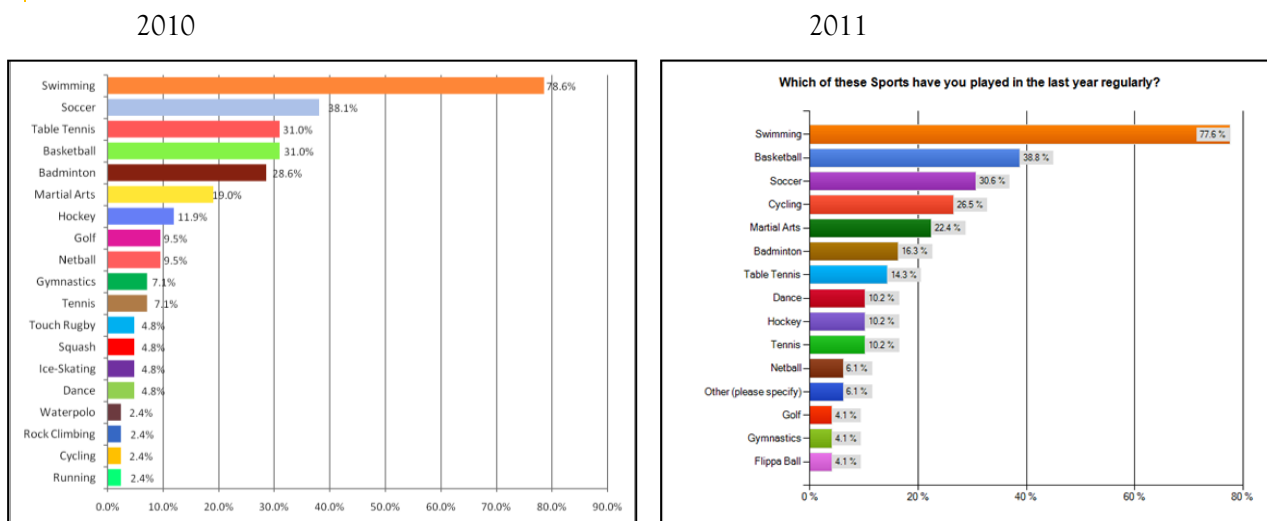
Sports with a substantial decrease in students wanting to participate more:

- Running 5.8 % to 0.0 %
- Dance 14.5 % to 10.1 %

2010 AND 2011 SPORTS SURVEY RESULT COMPARISON FOR FOUR SCHOOLS – GENDER BREAKDOWN

Male results:

GRAPH 1: Sports played by males in the last year regularly.



N = 53

N = 49

Other: Skiing (2.0 %), ripper rugby (2.0 %), rollerblading (2.0 %), ice hockey (2.0 %)

Swimming has remained the most popular sport males participated in regularly between 2010 and 2011. New Sports males participated in regularly include flippaball, skiing, rollerblading, ripper rugby and ice hockey. Males cease to participate regularly in waterpolo and rock climbing in 2011.

Sports with a substantial increase in regular male participation:

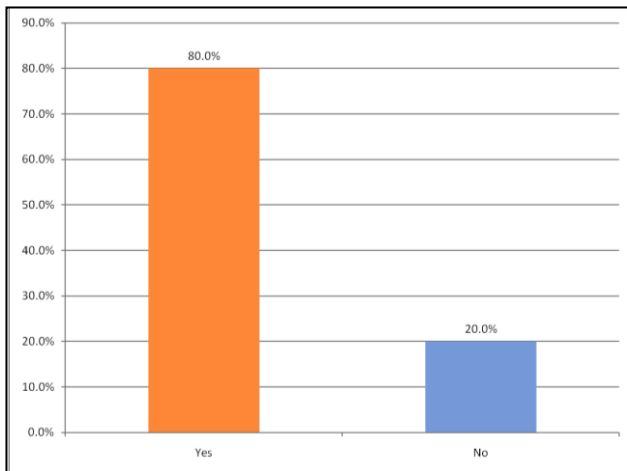
- Cycling 2.4 % to 26.5 %
- Basketball 31.0 % to 38.8 %
- Dance 4.8 % to 10.2 %

Sports with a substantial decrease in regular male participation:

- Table tennis 31.0 % to 14.3 %
- Badminton 28.6 % to 16.3 %
- Soccer 38.1 % to 30.6 %

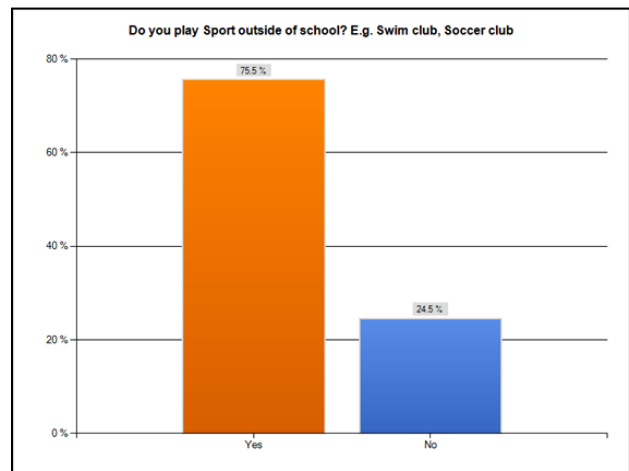
GRAPH 2: Whether males play Sport outside of School.

2010



N = 49

2011

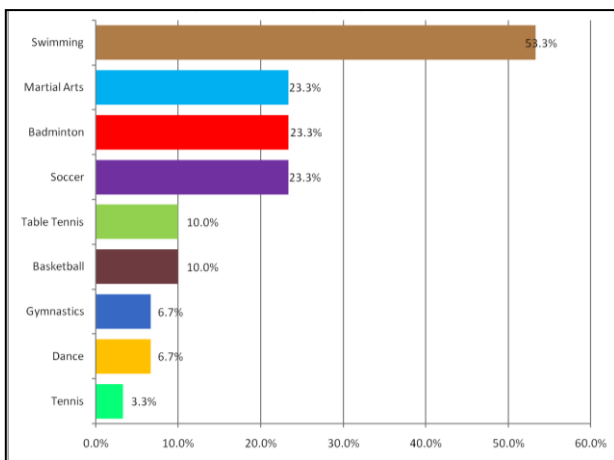


N = 49

There has been a small decrease (4.5 %) in male participation in Sport outside of school between 2010 and 2011.

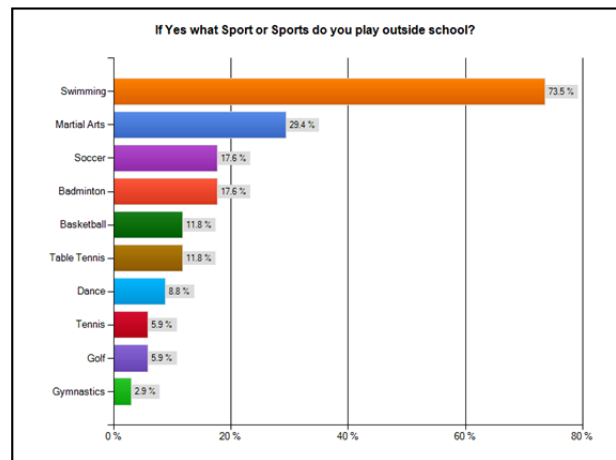
GRAPH 3: Sports that males play outside of school.

2010



N = 37

2011



N = 34

Other: Kelly Sport

A new Sport for 2011 is golf. Swimming is still the most popular Sport outside of school for males that are involved in at least one Sport; however, its popularity with these males has increased from 2010.

Sports with a substantial increase in male participation outside of school:

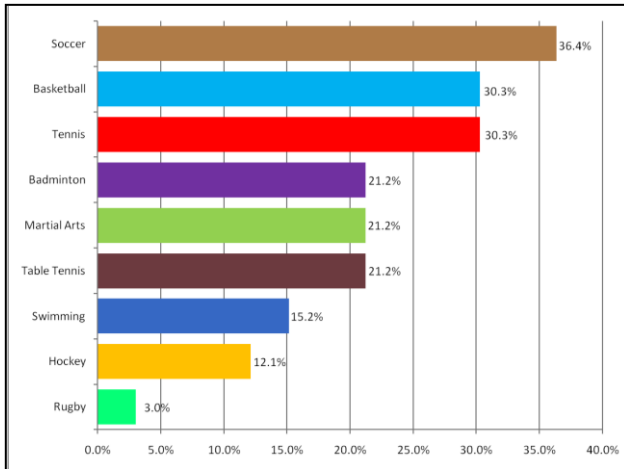
- Martial Arts 23.3 % to 29.4 %
- Golf 0.0 % to 5.9 %

Sports with a substantial decrease in male participation outside of school:

- Badminton 23.3 % to 17.6 %
- Soccer 23.3 % to 17.6 %

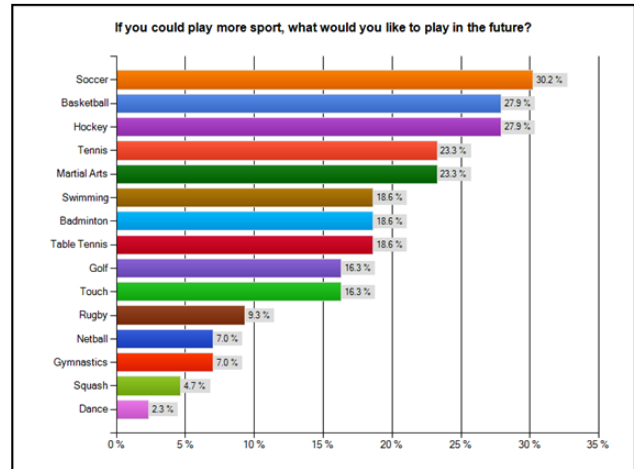
GRAPH 4: Sports that males would like to play in the future.

2010



N = 44

2011



N = 43

Other: Volleyball, baseball

Although the top 2 Sports are consistent between 2010 and 2011, males are interested in playing a much broader range of Sports in 2011 than they were in 2010. New Sports this year include golf, touch, netball, gymnastics, squash and dance.

Sports with a substantial increase in males wanting to play:

- Golf and touch 0.0 % to 16.3 %
- Hockey 12.1 % to 27.9 %
- Gymnastics and netball 0.0 % to 7.0 %

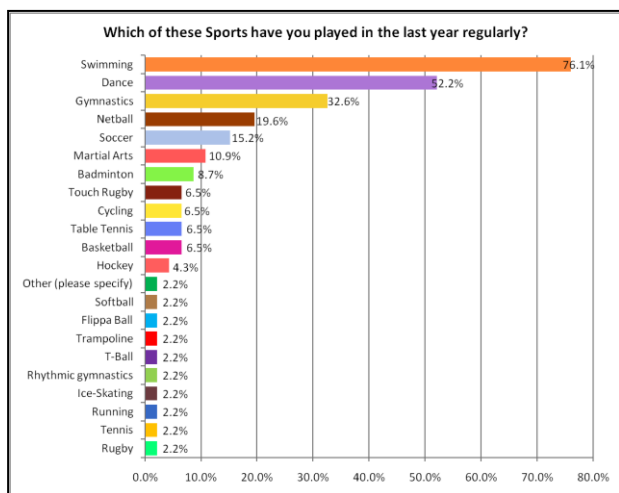
Sports with a substantial decrease in males wanting to play:

- Tennis 30.3 % to 23.3 %
- Soccer 36.4 % to 30.2 %

Female results:

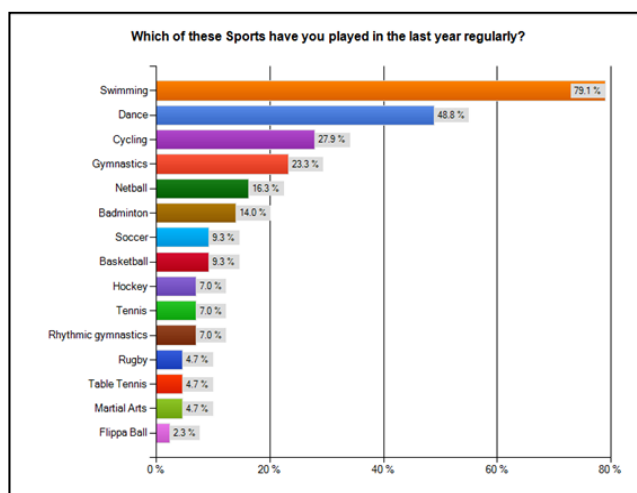
GRAPH 1: Sports played by females in the last year regularly.

2010



N = 35

2011



N = 43

Other: Touch rugby, softball, hula hoop, skipping

Swimming and dance remain the top 2 Sports regularly participated in by females between 2010 and 2011, however, the 3rd most popular Sport in 2011, cycling, was not widely participated in throughout 2010 or 2009 and so there has been a large increase in regular participation over the past year. New Sports in 2011 include hula hoop and skipping. Ice skating, t-ball, running and trampoline cease to be played.

Sports with a substantial increase in female participation between 2010 and 2011:

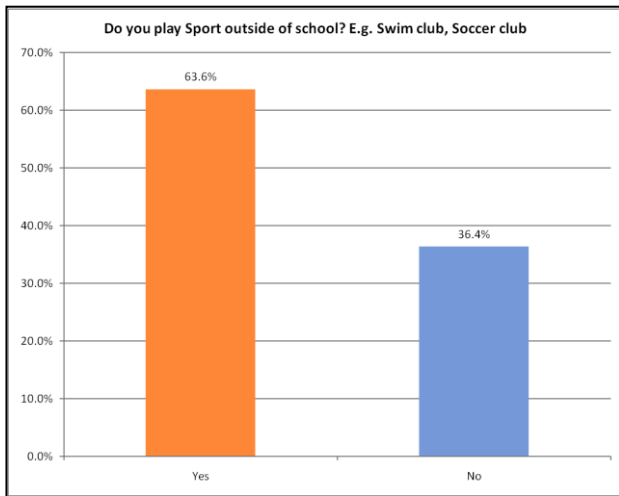
- Cycling 6.5 % to 27.9 %
- Badminton 8.7 % to 14.0 %
- Rhythmic gymnastics 2.2 % to 7.0 %

Sports with a substantial decrease in female participation between 2010 and 2011:

- Gymnastics 32.6 % to 23.3 %
- Martial Arts 10.9 % to 4.7 %
- Soccer 15.2 % to 9.3 %

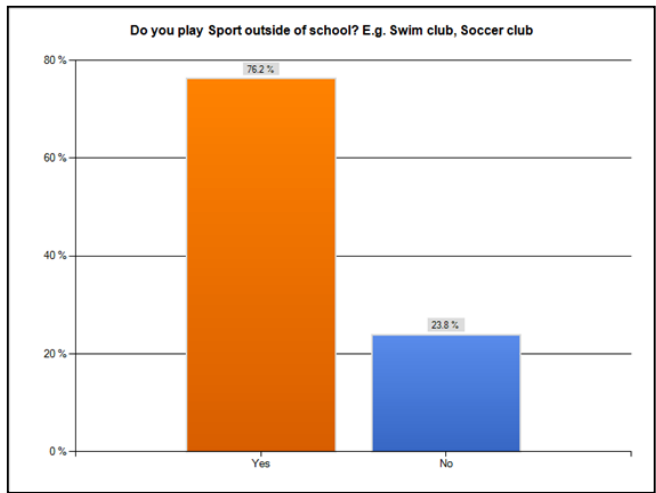
GRAPH 2: Whether females play Sport outside of School.

2010



N = 35

2011

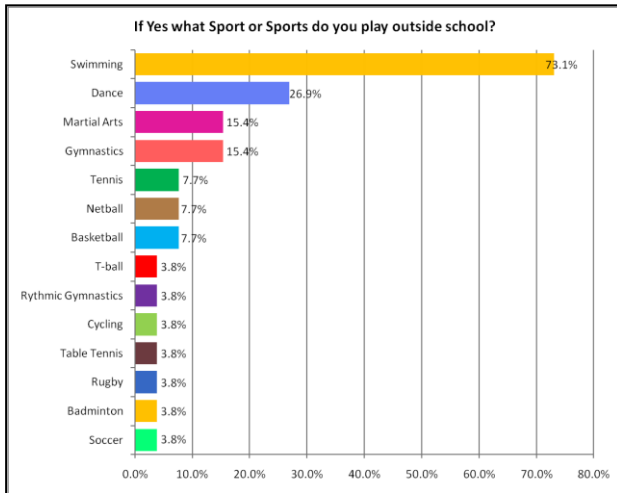


N = 42

The number of Chinese females that play Sport outside of school has increased by 12.6 % between 2010 and 2011.

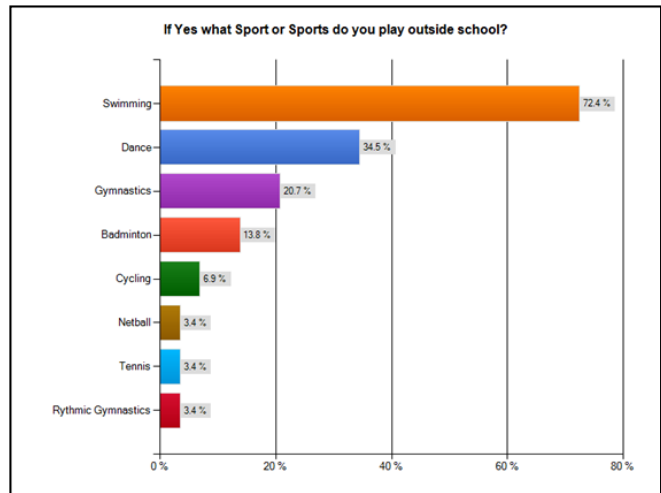
GRAPH 3: Sports that females play outside of school.

2010



N = 19

2011



N = 29

Other: Kelly sport, ten-pin bowling

Females play a narrower range of Sports outside of school in 2011 than they did in 2010; however, the top 2 Sports (swimming and dance) are consistent over the years. Sports ceased to be played in 2011 are basketball, martial arts, t-ball, table tennis, rugby and soccer. Ten-pin bowling is a new Sport in 2011.

Sports with a substantial increase in female participation outside of school:

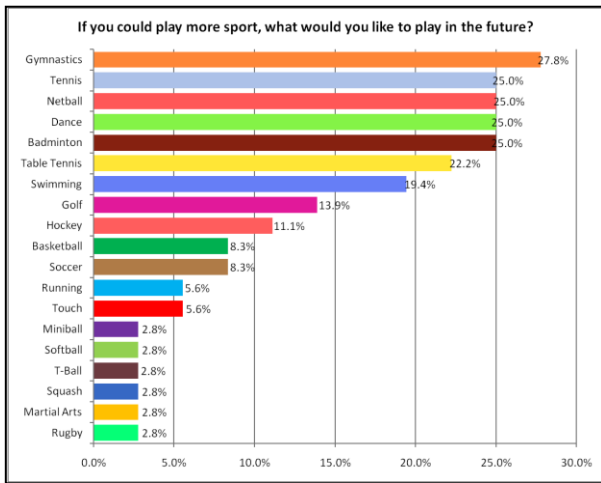
- Dance 26.9 % to 34.5 %
- Gymnastics 15.4 % to 20.7 %

Sports with a substantial decrease in female participation outside of school:

- Martial Arts 15.4 % to 0.0 %
- Basketball 7.7 % to 0.0 %
- Tennis 7.7 % to 3.4 %
- Netball 7.7 % to 4.3 %

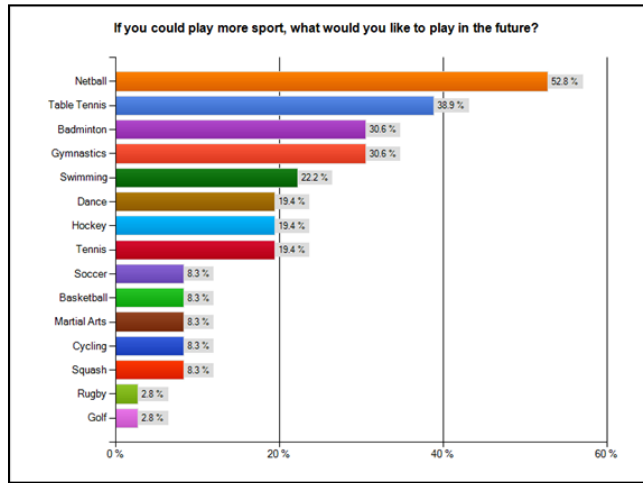
GRAPH 4: Sports that females would like to play in the future.

2010



N = 25

2011



N = 36

Other: Touch, flippaball, volleyball, archery, boxing, horse riding

Only one of the top 3 Sports in 2010 features in the top 3 in 2011, which is netball. There are some new Sports for 2011 that Chinese females would like to play more in the future. These are cycling, flippaball, volleyball, archery, boxing and horse riding.

Sports with a substantial increase in females wanting to play:

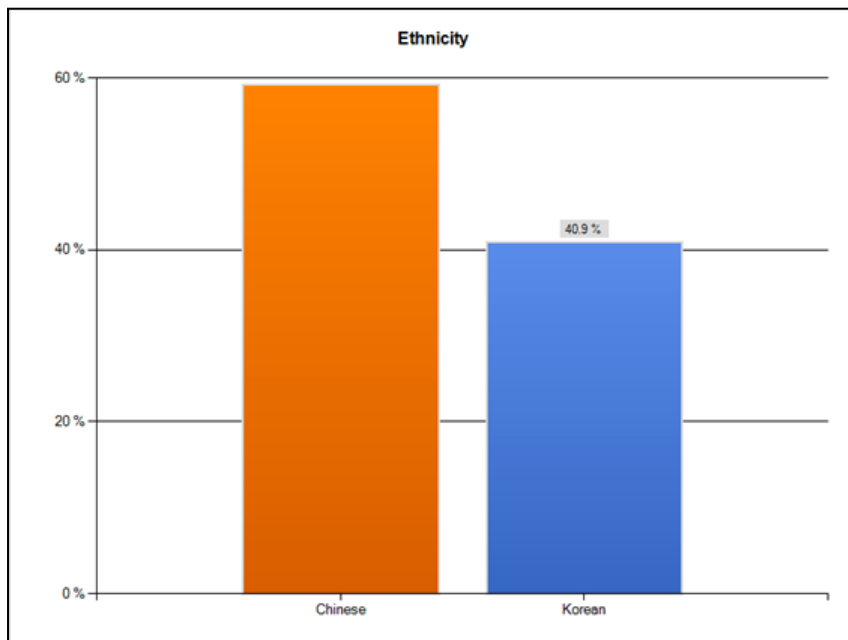
- Netball 25.0 % to 52.8 %
- Table tennis 22.2 % to 38.9 %
- Hockey 11.1 % to 19.4 %
- Squash 2.8 % to 8.3 %

Sports with a substantial decrease in females wanting to play:

- Golf 13.9 % to 2.8 %
- Dance 25.0 % to 19.4 %
- Running 5.6 % to 0.0 %
- Tennis 25.0 % to 19.4 %

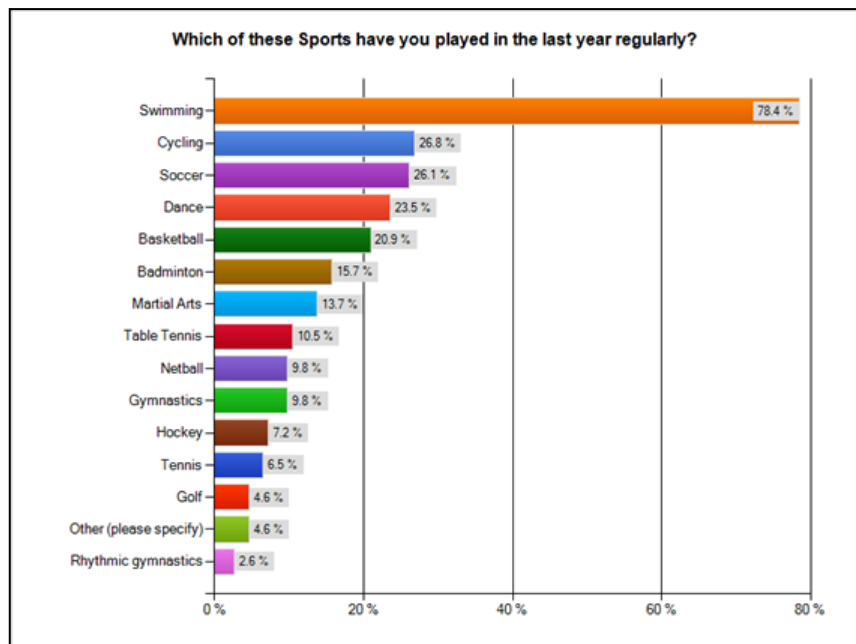
SPORTS SURVEY RESULTS FOR COMBINED CHINESE AND KOREAN STUDENTS

GRAPH 1: Ethnicity



N = 159

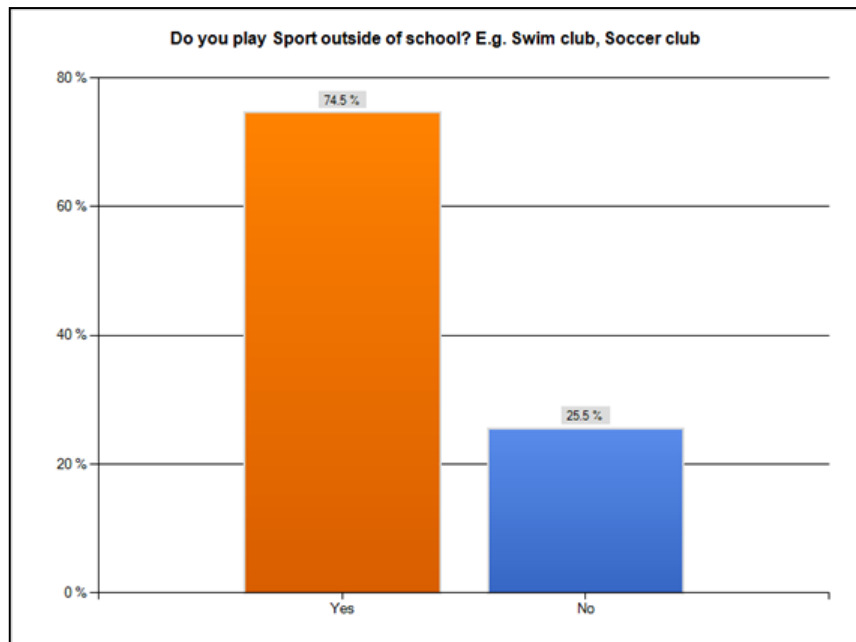
GRAPH 2: Sports played regularly in the last year.



N = 153, based on those that have played at least one sport in the last year regularly

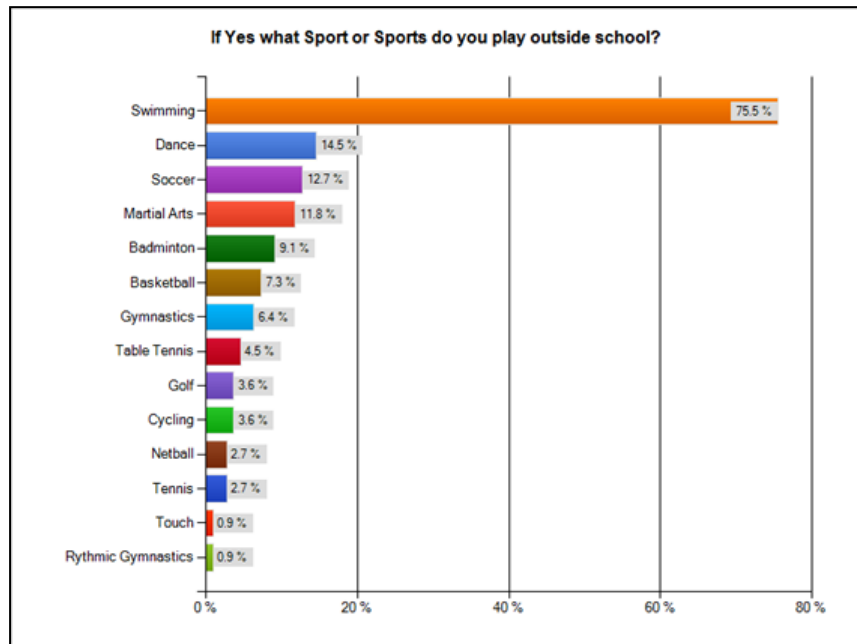
Other: Touch rugby (2.6 %), rugby (2.0 %), flippaball (2.0 %), baseball (1.4 %), softball (1.3 %), running (0.7 %), ice skating (0.7 %), squash (0.7 %), skiing (0.7 %), rollerblading (0.7 %), ripper rugby (0.7 %), ice hockey (0.7 %), playing ball (0.7 %), hula hoop (0.7 %)

GRAPH 3: Do you play Sport outside of school?



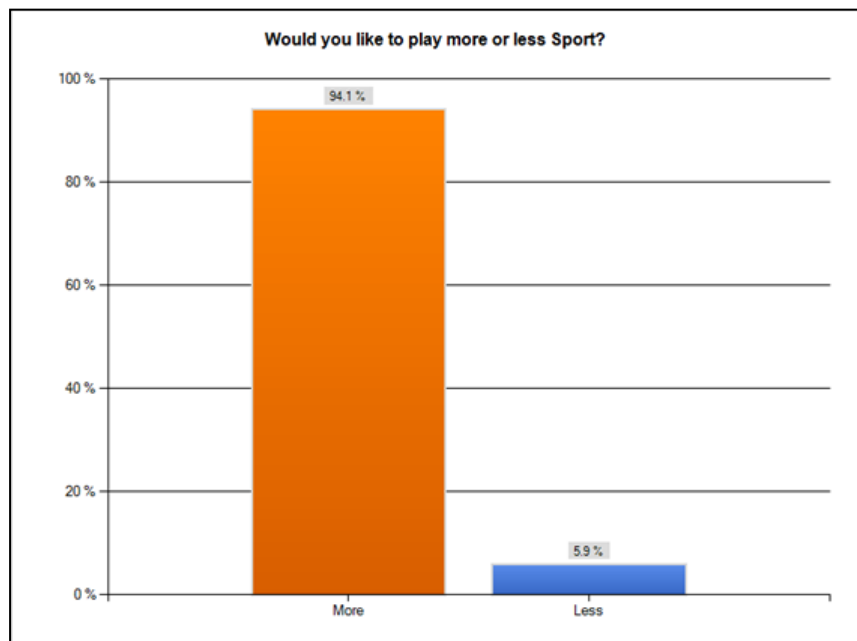
N = 157

GRAPH 4: Sports played outside of school.



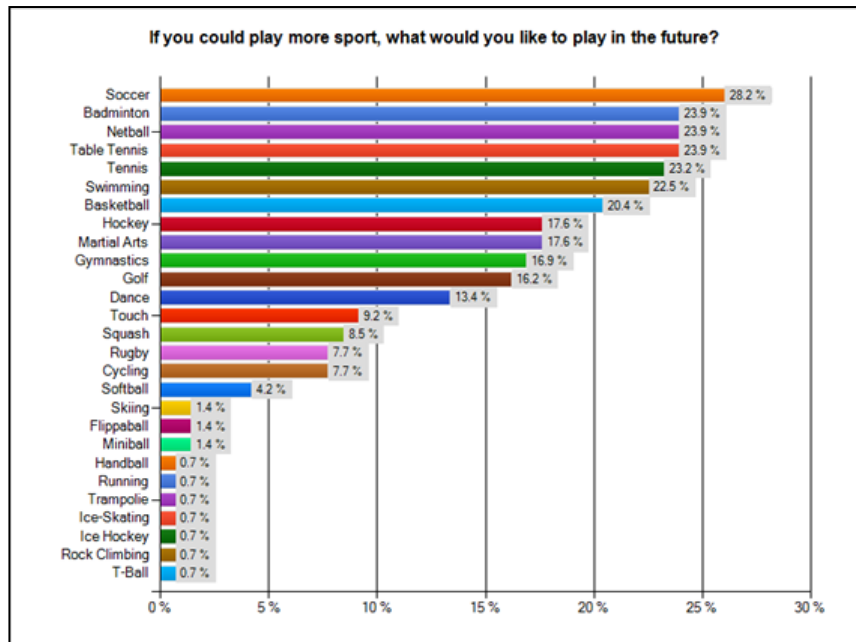
N = 110, based on those that play at least one sport outside school
Other: Kelly Sports (1.8 %), soft ball (0.9 %), ten-pin bowling (0.9 %)

GRAPH 5: Whether the students would like to play more or less Sport.



N = 153

GRAPH 6: Sports the students would like to play more in the future.



N = 142, based on those that would like to play at least one sport in the future

Other: Baseball (3.5 %), volleyball (2.8 %), ten-pin bowling (0.7 %), dodge ball (0.7 %), skipping rope (0.7 %), rhythmic gymnastics (0.7 %), archery (0.7 %), boxing (0.7 %), horse riding (0.7 %)

APPENDIX 1 – SPORTS SURVEY

NAME: «Name» «Surname» ROOM #: «Room»

SCHOOL: «School» - «Ethnicity»

GENDER MALE FEMALE (tick)

AGE: years

1: Which of these Sports have you played in the last year regularly? (Circle the pictures)

SOCCER

SWIMMING

BADMINTON

BASKETBALL



DANCE

NETBALL

HOCKEY

RUGBY

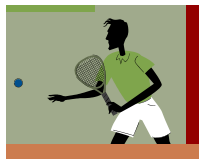


TENNIS

TABLE TENNIS

GOLF

GYMNASTICS



MARTIAL ARTS

SQUASH

TOUCH RUGBY

SOFTBALL



RHYTHMIC GYMNASTICS

VOLLEYBALL

BASEBALL

CYCLING

OTHER: _____

PLEASE TURN

2: Do you play Sport outside of school? E.g. Swim club, Soccer club (tick)

YES

NO

➤ If YES what sport or sports _____

3: What STOPS you from playing sport? (Can tick more than one)

Too expensive

Sport isn't offered

My friends don't do it

Parents

I live too far away

I do other things

I don't like it

Other _____

4: Would you like to play more or less Sport? (Circle)



MORE



LESS

5: If you could play more sport, what would you like to play in the future?
