

# AFFECTS OF COVID-19 ON STUDENTS

## AIM

Under the major global change of COVID-19, schooling has changed dramatically, subsequently changing the experience of students. There is little information relevant to the relationship between students and coronavirus. For this reason, the aim of our experiment is to survey and analyse the effect of the pandemic on the lifestyle of high-school students.

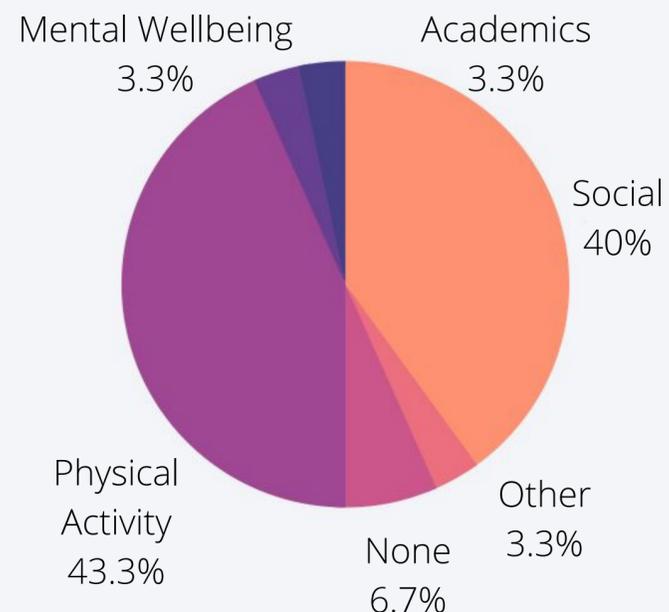
## METHOD

To ensure the relevance of the data to our survey, we will be using primary data. The survey is merely a small sample of the population whom the results are referring to, with the responses of 30 individuals in a Year 8 class. The two surveys we are conducting are using categorical and numerical data.

## LIMITATIONS + IDEAS

There were many limitations we faced with completing this survey including the ratio of those interviewed compared to the scale the question referred to. The topic of our study relates to the affects of Covid-19 on students (e.g. - wellbeing/extracurricular), however members of the survey are only 30 students from Year 8 in a single school. This means the results may be unfairly biased and do not provide a good overview of the generalised student. Ideas for further research that would improve the accuracy of our surveys are including a wider range of students - of different ages, schools and socio-economic backgrounds.

## AREAS MOST AFFECTED BY COVID-19



## ANALYSIS - AREAS AFFECTED BY COVID-19

The qualitative data question inquired about which lifestyle area had been most affected by COVID-19. Out of 30 responses, 13 (43.3%) individuals responded that physical activity was the area most affected by the pandemic. This was closely followed by social life in which 12 people (40%) identified with. Compared to these two answers, the remaining responses were evidently not as popular with academics, mental wellbeing and other getting 1 answer. Only 2 persons believed that covid-19 had not affected their lifestyle. From this data, it can be seen that due to Covid-19, most students feel as though the physical activity aspect of their life has been affected the most. From the data collected, it is easy to see that covid-19 has greatly affected physical activity, with 43.4% of students agreeing.

## INTERPRETATION - AREAS AFFECTED BY COVID-19

Due to Covid-19, many restrictions were set in place and as a result, many services/facilities were closed and schools were ordered to remote learning for roughly three months. Due to this, many areas of student's lives were affected. Physical activity was affected the most as a majority of students get in exercise through sporting clubs and teams, both of which were banned/temporarily closed for a period of time. Many students also felt that their social life was greatly affected as students generally rely on going to school to interact with others.

## ANALYSIS - EXTRA CURRICULAR

Two numerical data questions were asked, inquiring about the number of hours of extra curricular activities done each week pre-covid and currently (during covid). In question 1, 30 year 8 students were sampled with an average of 5.2 hours of extracurricular activities each week pre covid, and a range of 11 hours. It was found that the median and mode for the data was 5 hours. In question 2, the average amount of extracurricular activities done now was 1.9 hours, with a range of 6 hours. Results also showed a median and mode of 2 hours. From comparing the results from these two questions, it can be seen that Covid-19 has affected students and the amount of extra-curricular activities they do each week. This can evidently be seen in our bar graph where pre covid, most students were getting in 5-6 hours of activities, compared to most only getting 2-3 hours each week now.

## INTERPRETATION - EXTRA CURRICULAR

Due to the implementation of social distancing rules on March 21st, non-essential services were closed. These non-essential services included sport activities, during and outside of school. As many students rely on sport during school times for physical activity due to many reasons which can include sporting clubs being too far to attend, physical activity between these students dropped significantly. The number of hours used for physical activity pre-covid was noticeably higher than the number of hours used for physical activity now. This could also be related to the closing of non-essential services, such as sporting clubs and sport inside of school.

## EXTRA CURRICULAR - PRECOVID VS PRESENT

