SYDE 2024:
1A CLASS PROFILE

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Analyst’s Note

Hey everybody! Thanks to all those who took the time to fill out all the information we needed for this study. Overall, 74/96 students are represented in this document. Whenever the term “everyone” is used, it is generally meant to refer to the people who filled in the survey, not actually the entire class. This information is meant for general knowledge about our class, but also for future students who are curious about what 1A is like in SYDE.

DISCLAIMER There are some statistical anomalies present in this data; they have been shown, but please do not ask around and try and figure out who they are. They have shared this information and presumably do not want to have their identity revealed. Please be respectful.

Enjoy!

The Gang ↘

Content

Highschool

Demographics

Academics

Co-op

Lifestyle & Recreation

Highschool

Where else did we apply?

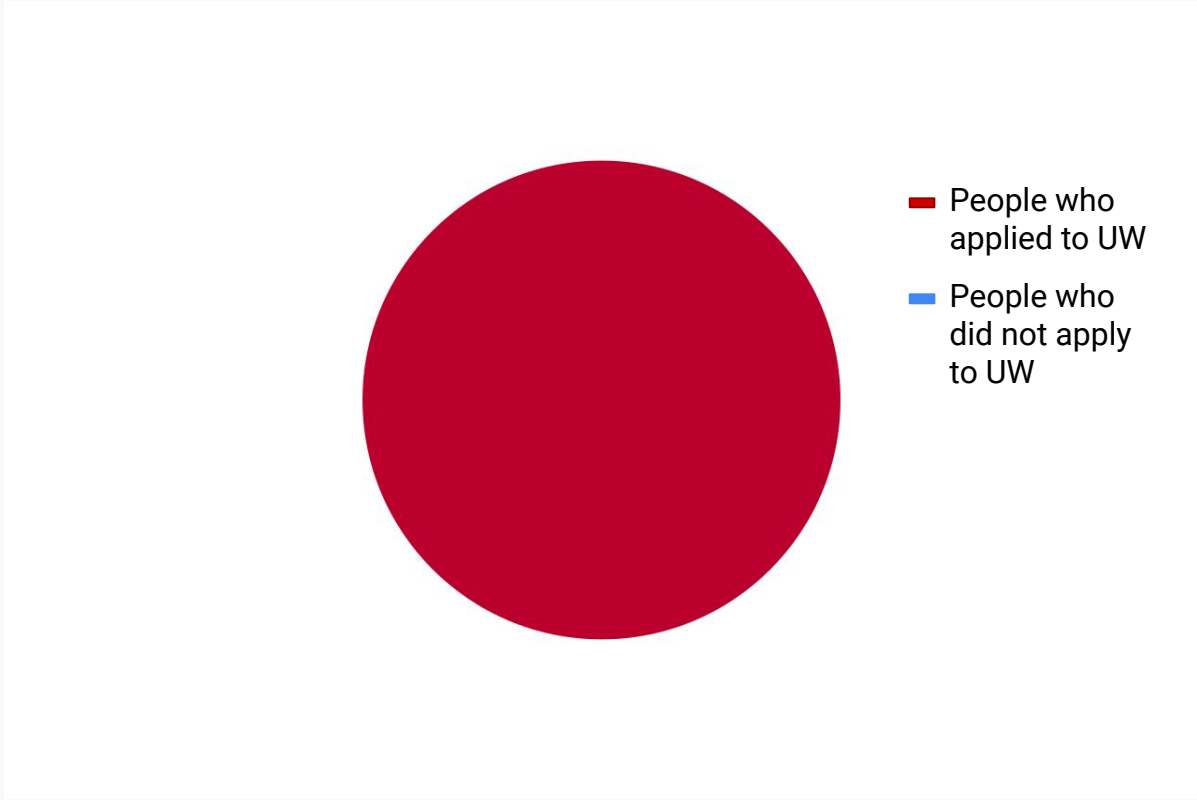
What were our grades like?

What were we involved in?

University of Waterloo

100% of us applied to UW.

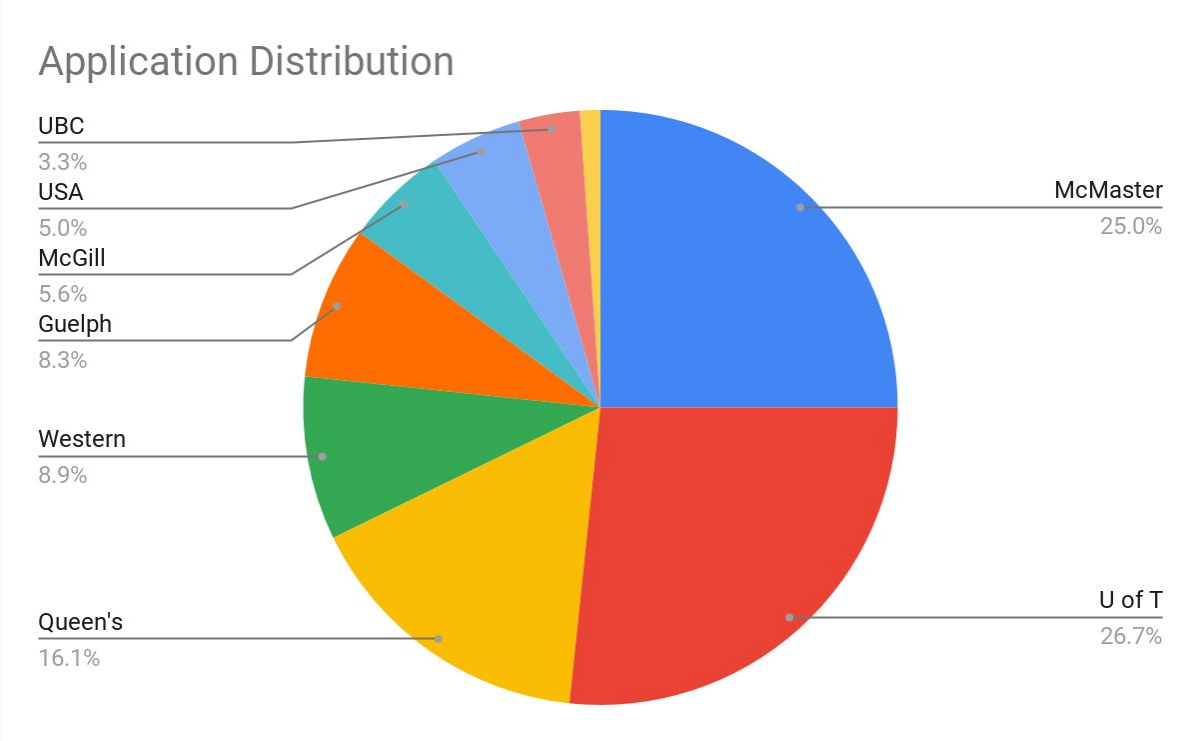
:)



Other Universities

McMaster and the University of Toronto were by far the most common universities to apply to for SYDE students.

There were a minimal amount of applications internationally, making up only 7%.

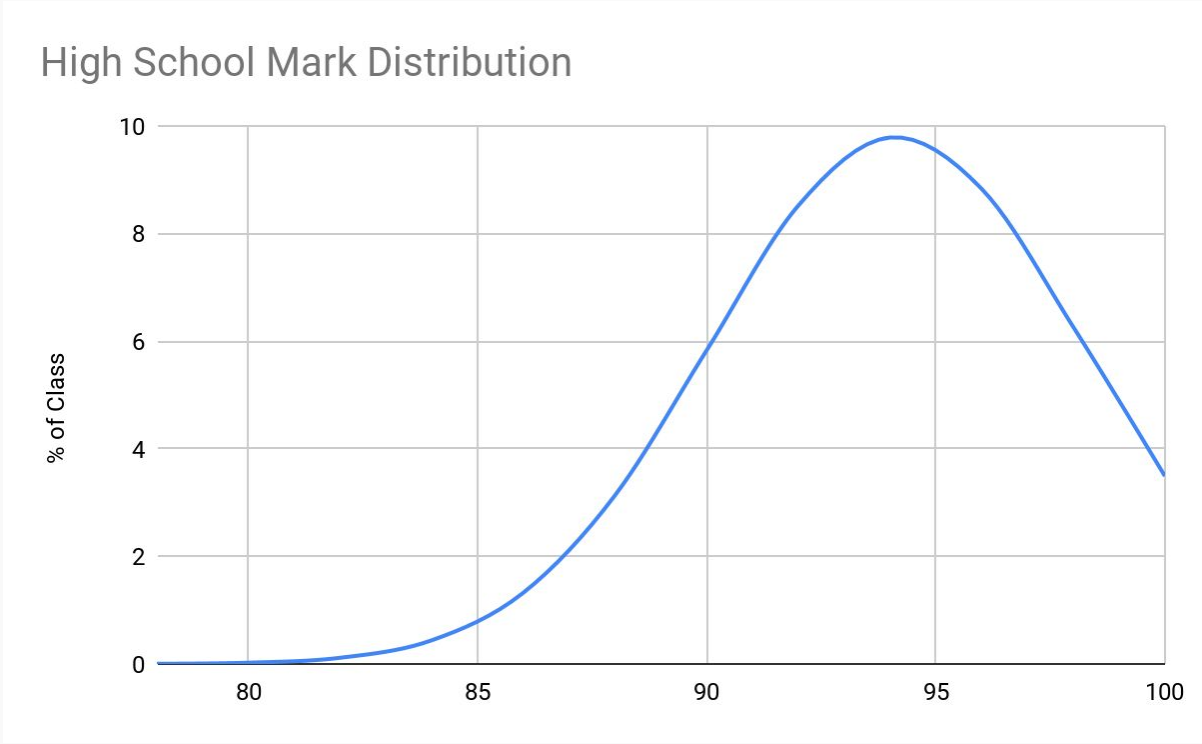


Entrance Averages

The mean entrance average was a 94.1 %.

The median was a 95 %.

Moral: We were complete nerds then; we still are now I guess.

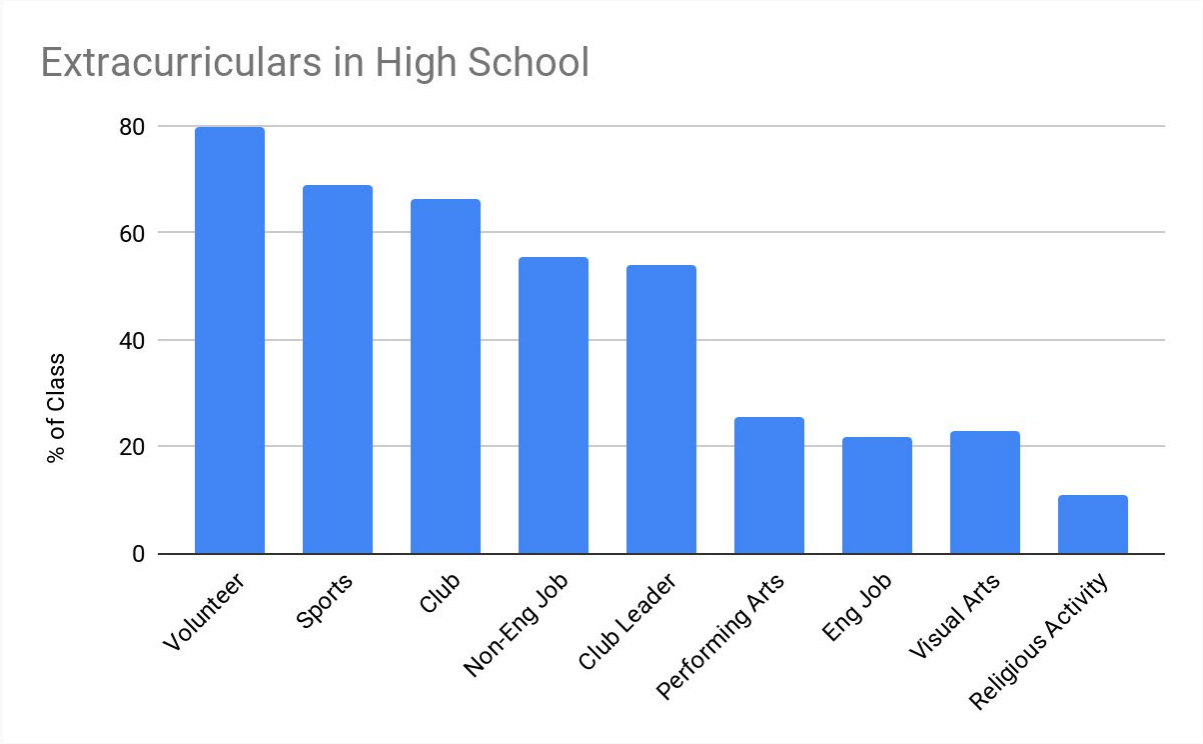


Extracurriculars

Over ⅘ of the class did volunteer work! Go us!

This is probably due to the fact that 40 hours of volunteer service is required to graduate high school.

I don't understand why not 100 % of the class has done volunteer work.

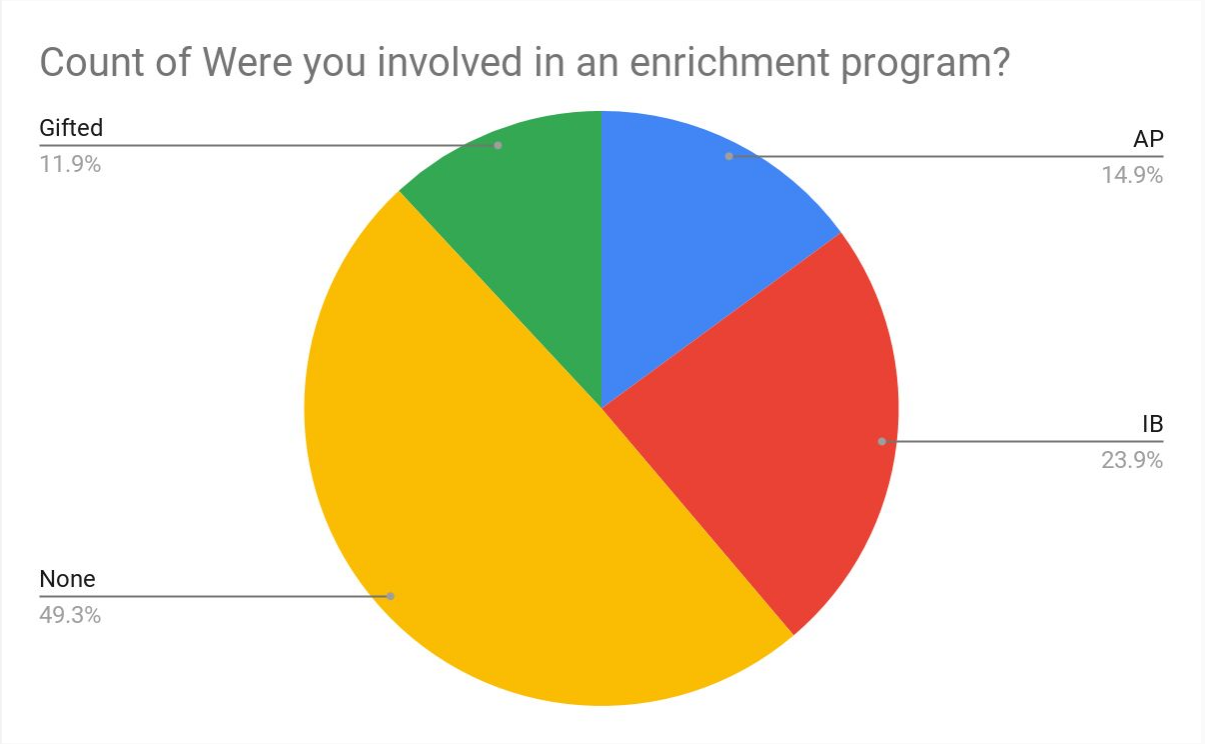


Enrichment

Most of us did not do any form of enrichment.

On another note, IB had the largest average mark drop from high school with 18.8, shortly followed by ‘None’ with 18.1.

There is a jump (but possibly not statistically relevant) for AP students with a drop of 13.8, and finally gifted students average a small drop of 7.5.



Demographics

Where have we come from?

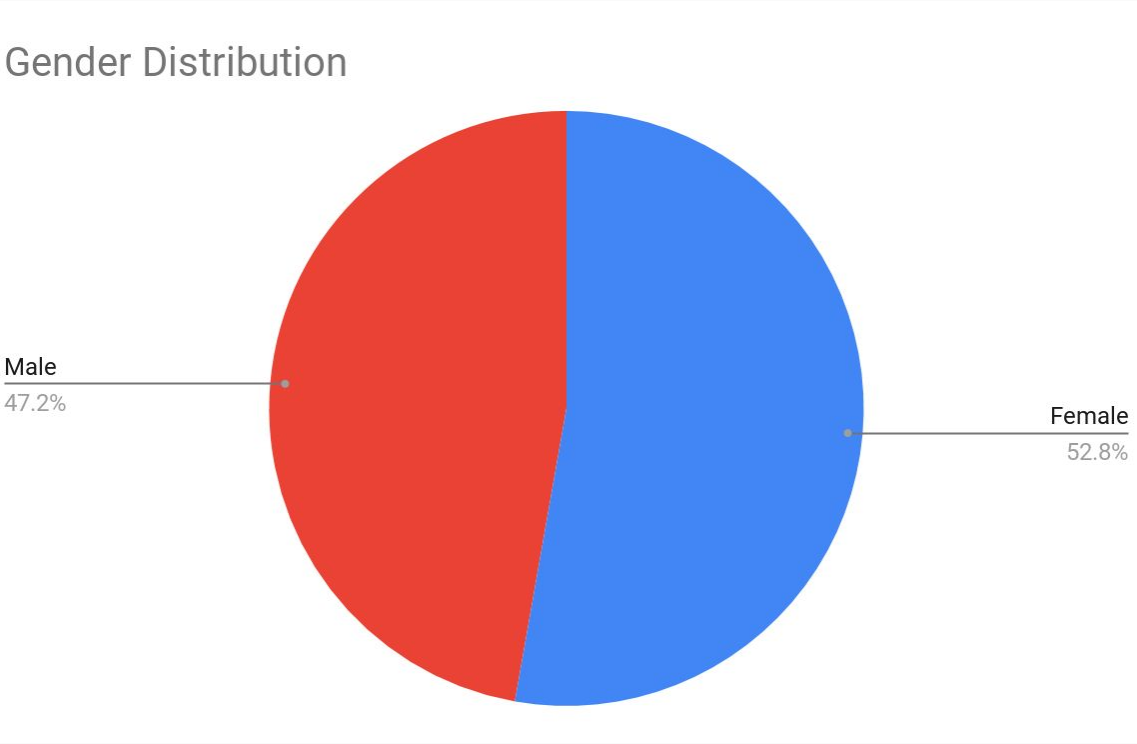
How are we divided?

What do we believe in?

Gender

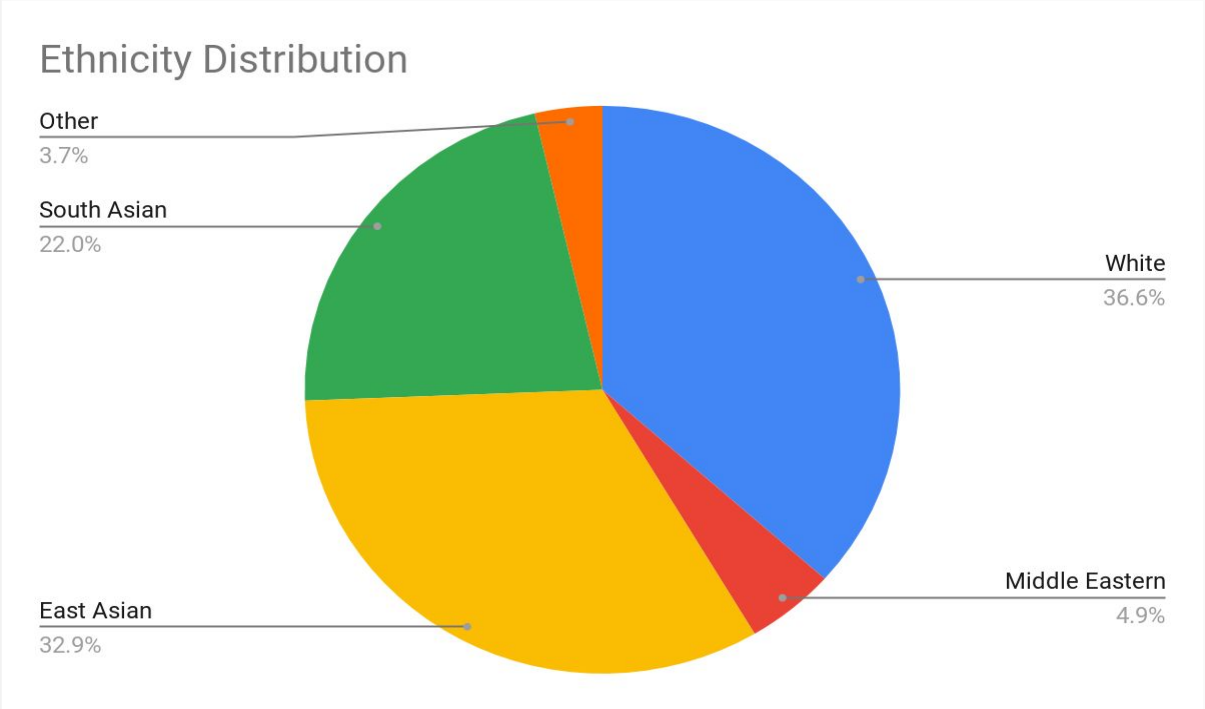
Our ratio is roughly one-to-one!

Compared to the 2017 graduating class' 73% and the 2018 graduating class' 64% men, we are rocking it!



Ethnicity

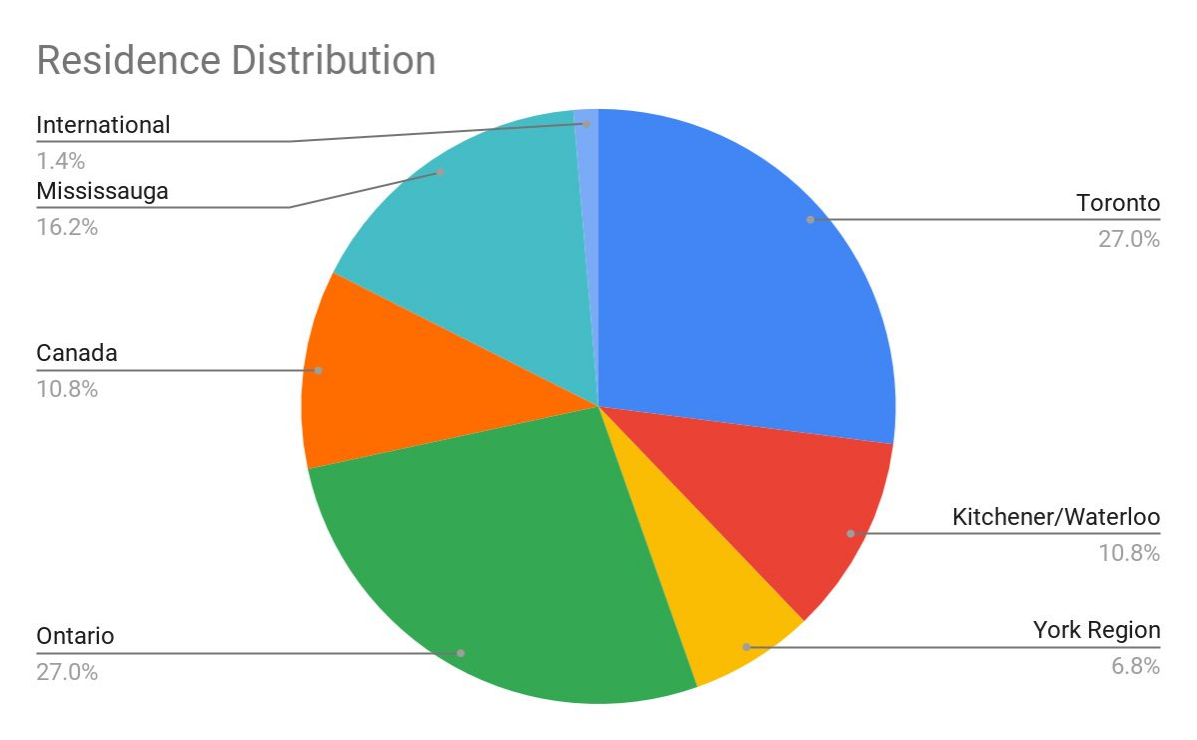
The class is mostly asian and white, with minimal amounts of any other ethnicity.



Primary Residences

53% of us are from the general area around Toronto (GTA + Mississauga), and 74% of us are from Ontario as a whole.

The rest is partially from BC and other parts of Canada, with very few being International.

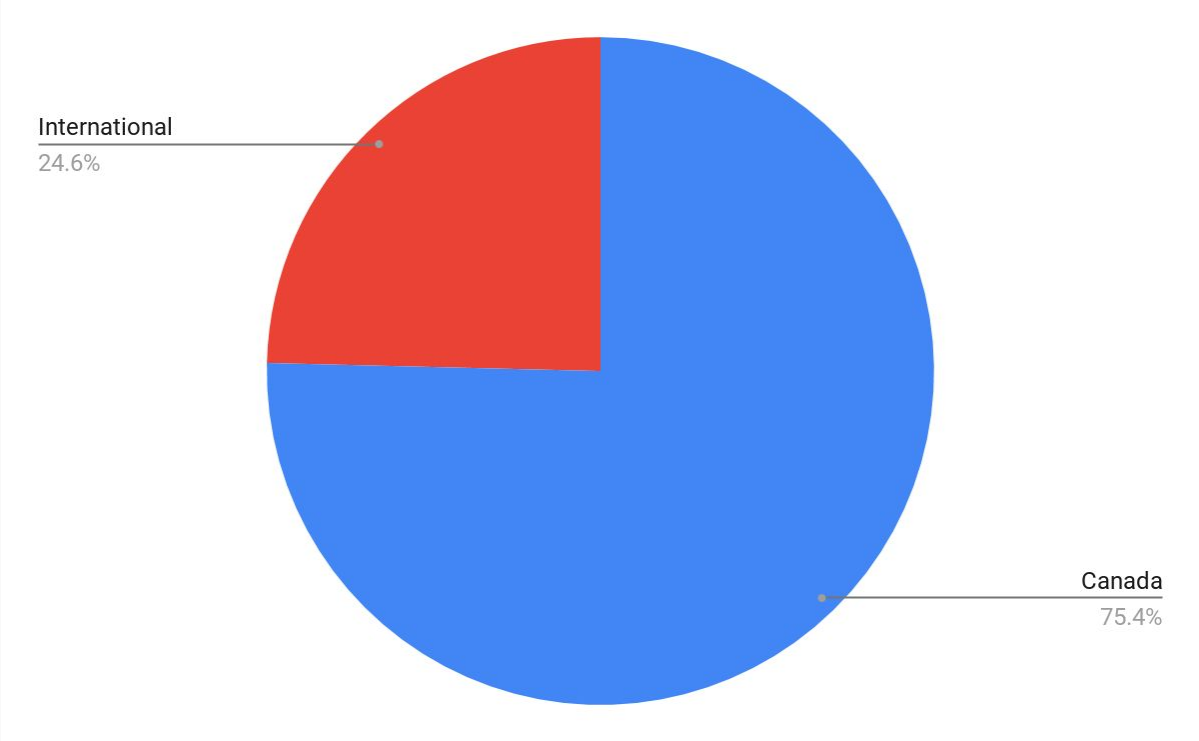


Birth Locations

Most people come from Canada, but almost ¼ were born outside.

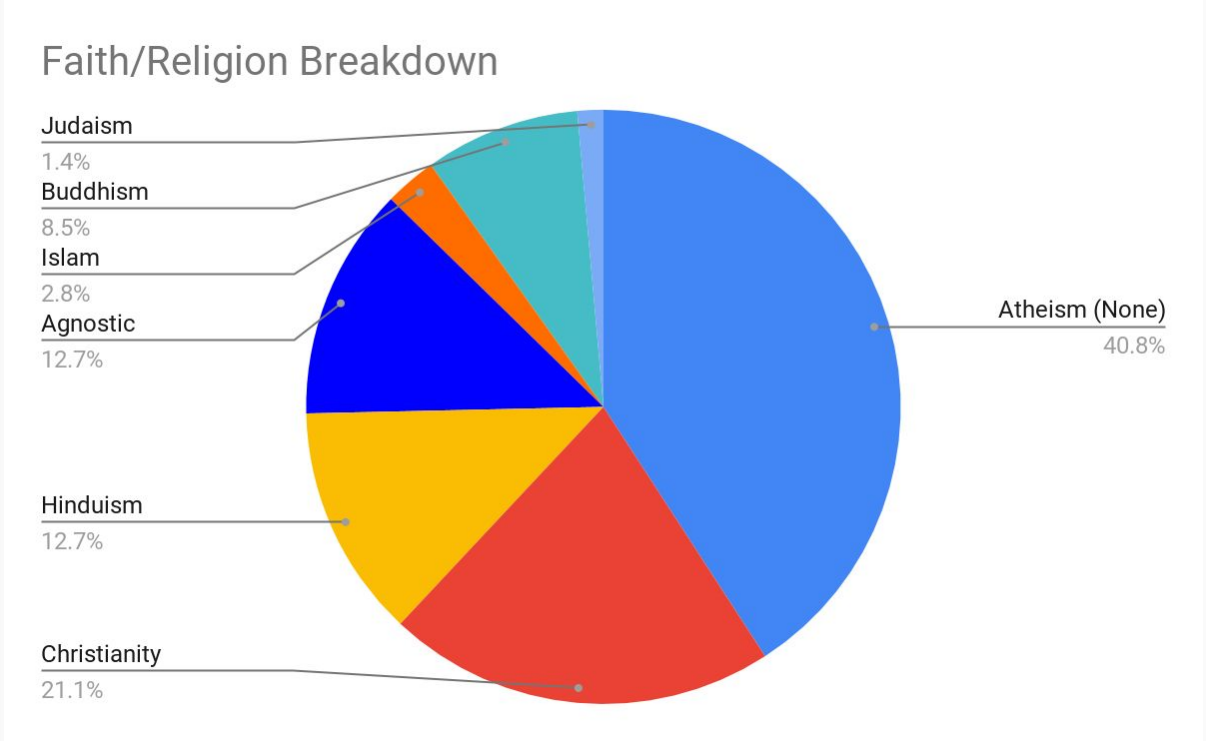
Surprisingly, only 2 people were born the USA.

On another note, 32% of the class can’t read instructions from this question alone.



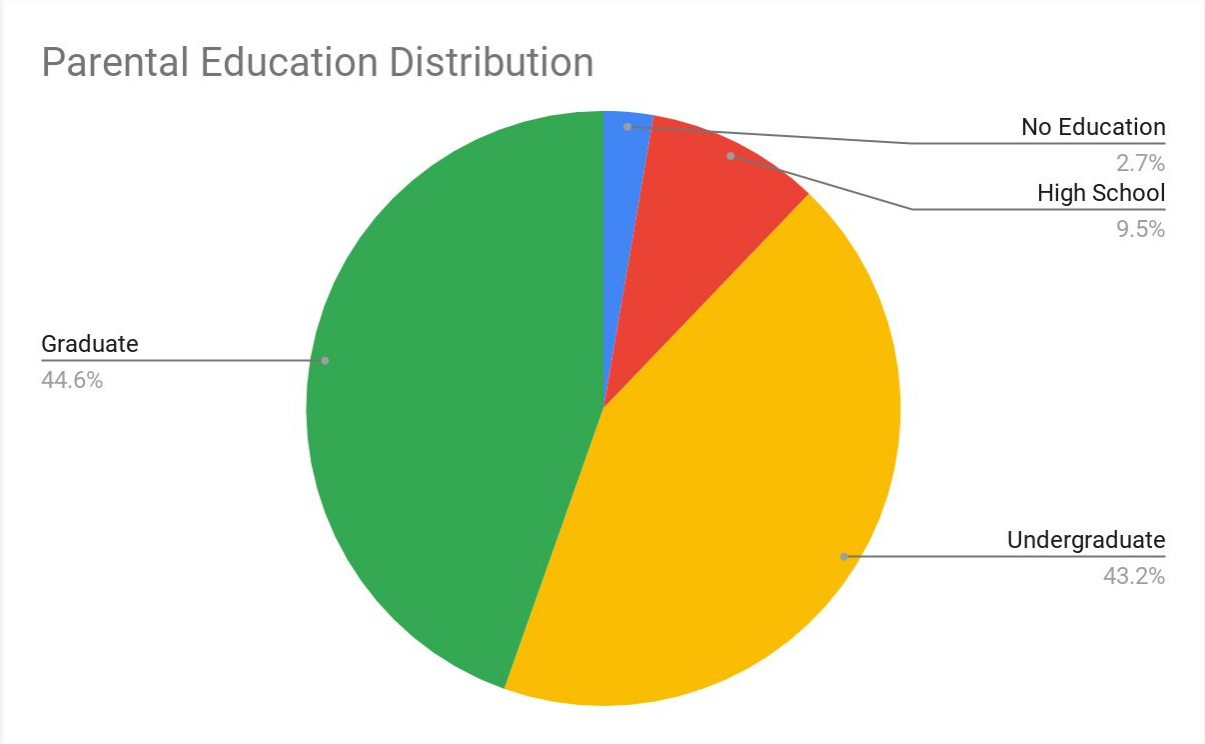
Religion

The majority of students don't believe in organized religion, but the most predominant are Christianity and Hinduism.



Parental Education

A super majority of families have a least one degree in the family, but it wasn't a defining rule.



Academics

What was the best course?

What were our grades like?

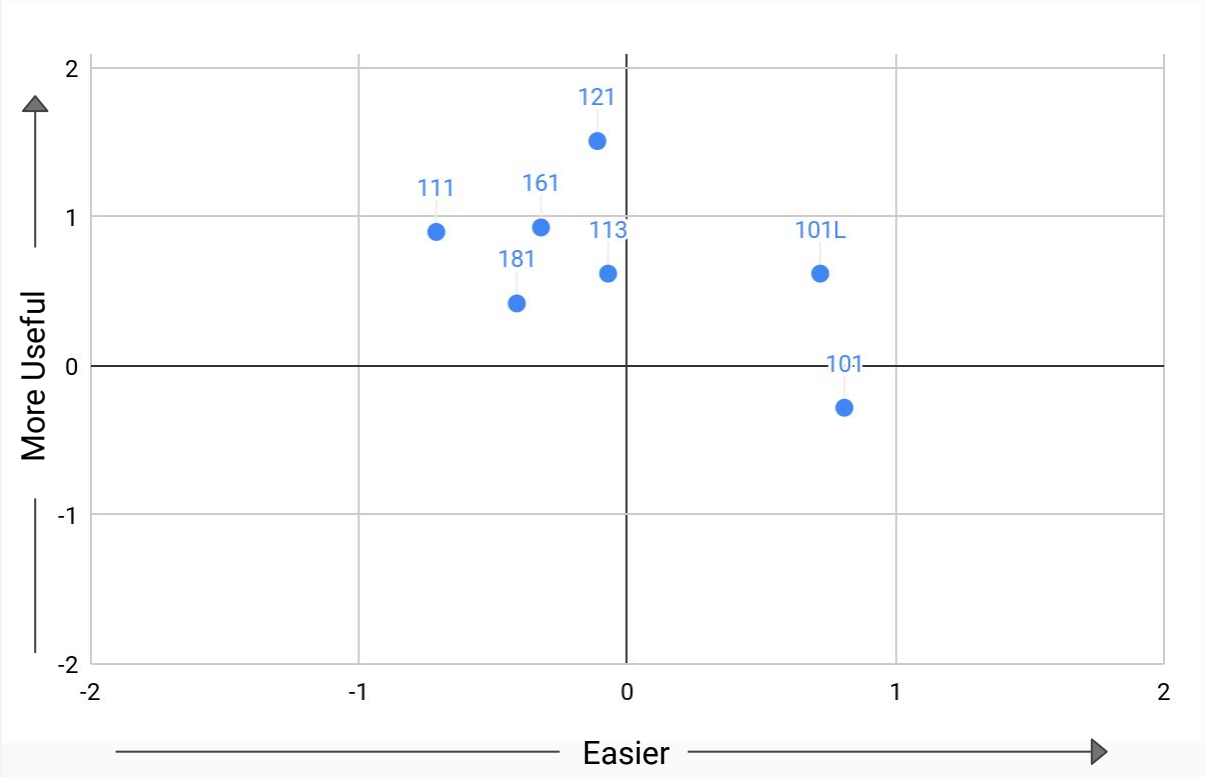
How much did our grades drop?

This term was difficult, but useful

The easiest course was 101, our communications course.

The most useful course was 121, our intro to C++ programming course.

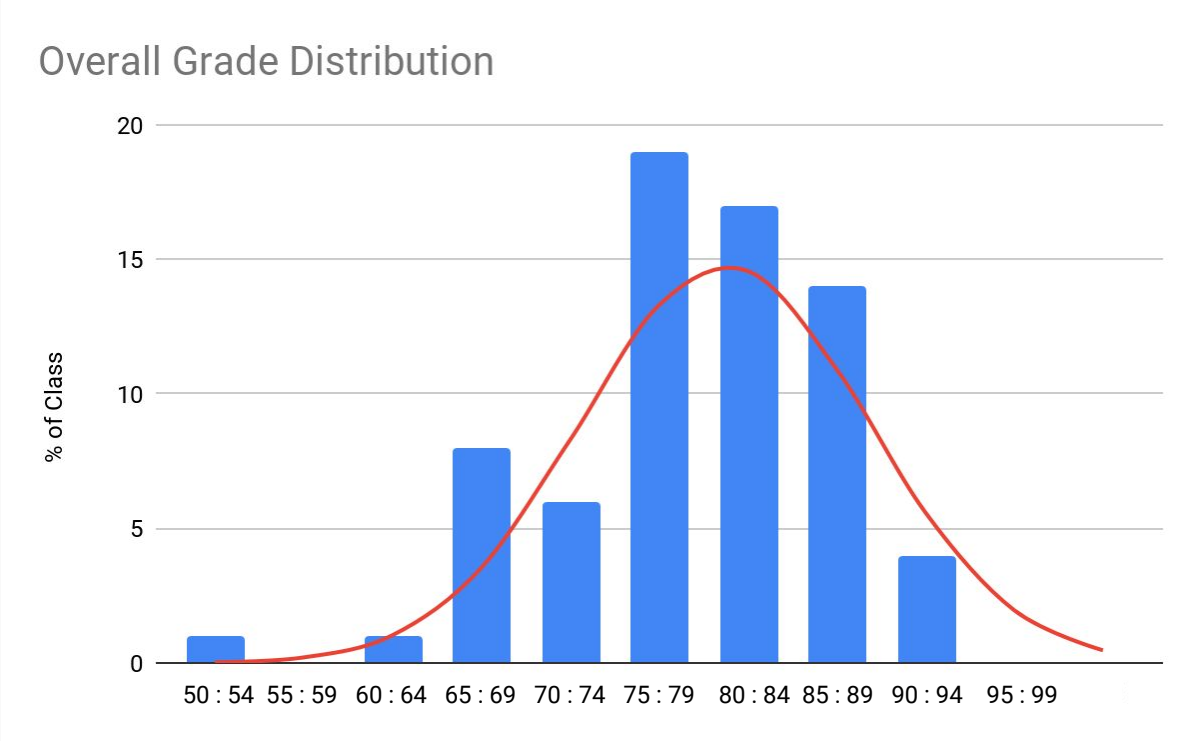
However, it is essentially a tie between these 121 and 101L for the best of 1A.



Overall Averages

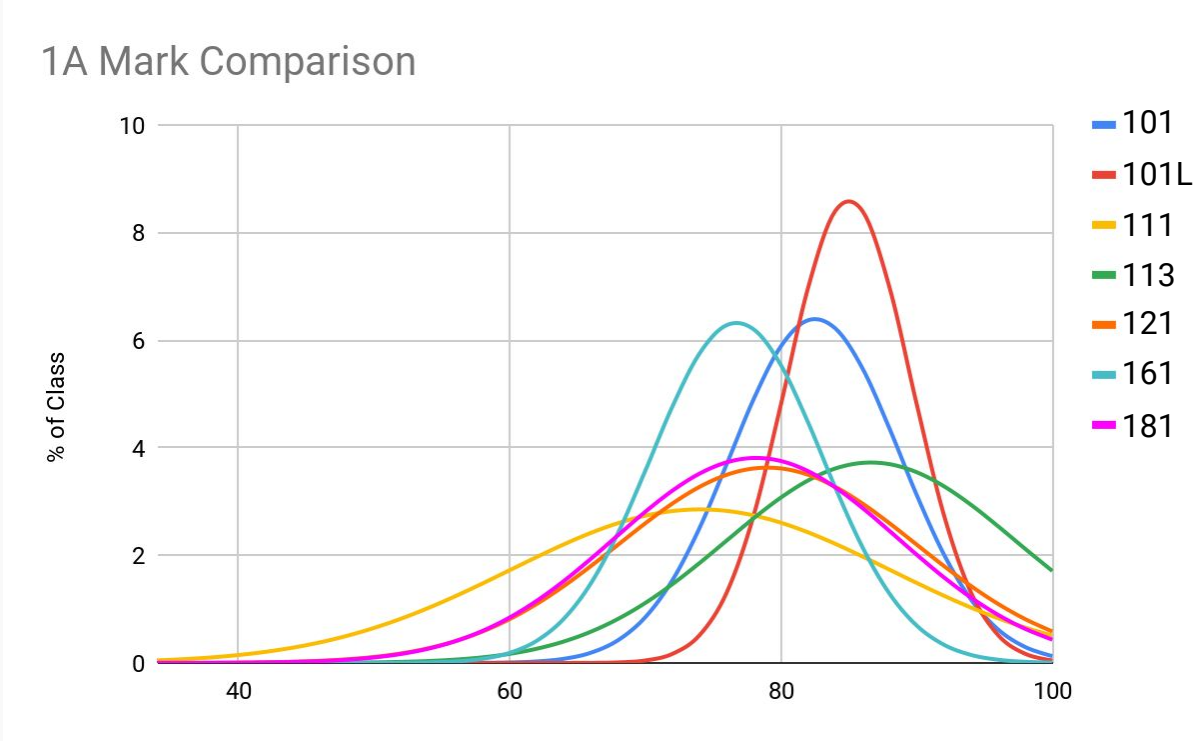
Most students fell in the 75-89 range. The mean was 78.7 %.

No students had a 95 or above, despite two people had 100's in both 111 (calculus) and 113 (linear algebra).



Averages by Course

101L had the smallest standard deviation, with most people having a mark around 85%.



Notable Course Statistics

111 had the widest range of marks, but 161 had the lowest maximum mark achieved with an 88 %.

* Numerous students achieved this mark

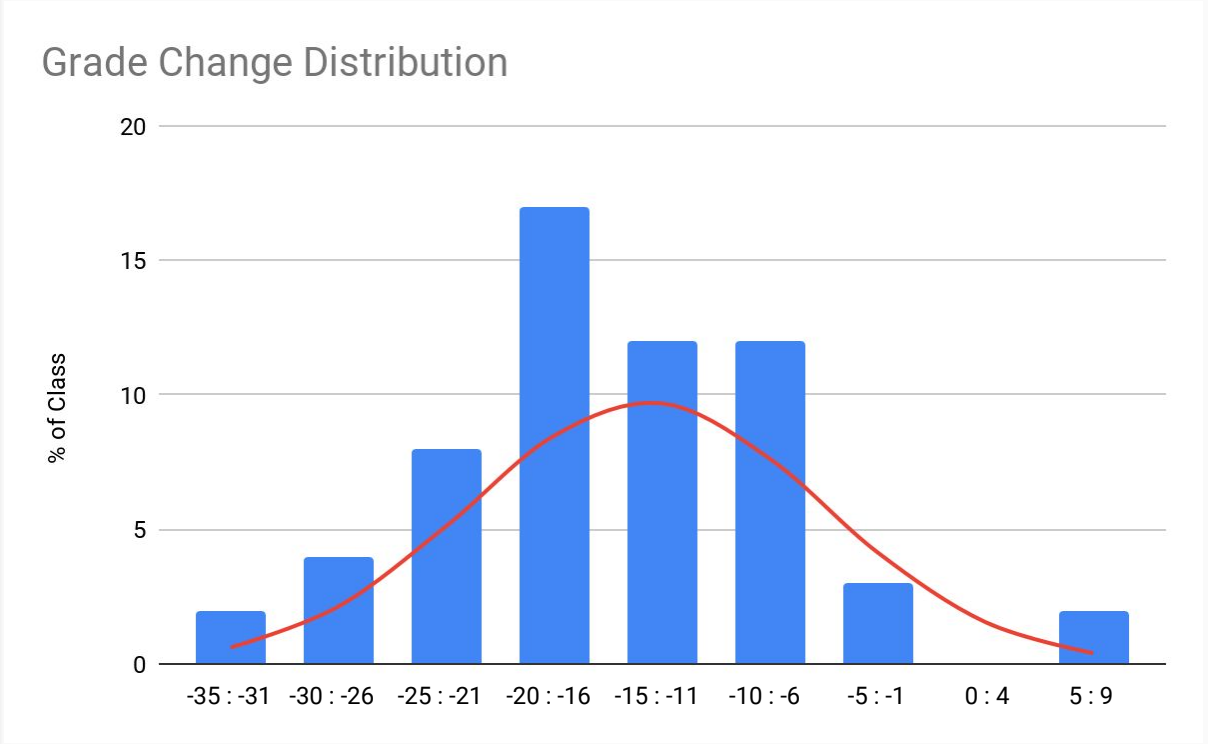
Course	Mean	Max
101	82.53	94
101L	85.00	94
111	74.04	100*
113	86.63	100*
121	79.00	96*
161	76.74	88*
181	78.17	97

Grade Drops

The average grade change was a median drop of 15.9%.

Only TWO people's grades increased from high school.

You know who you are; be proud.



Co-op

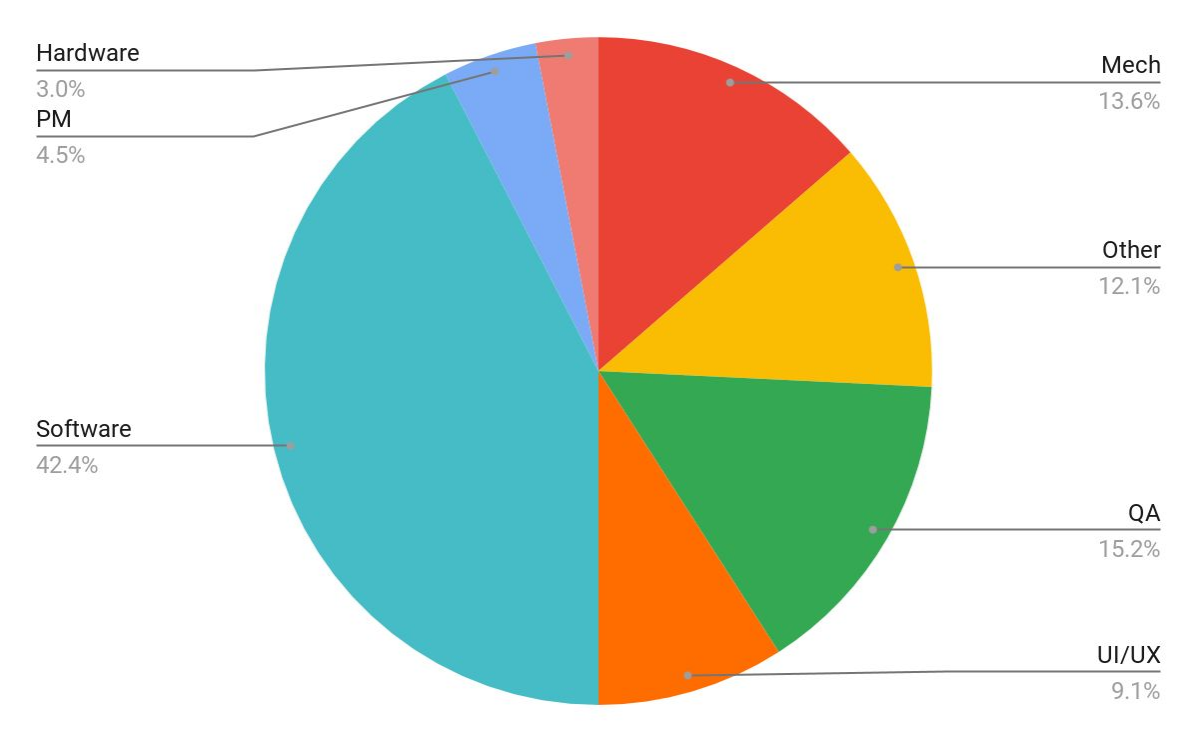
What industries are we getting into?

How much are we making?

What’s the biggest factor to salary?

Industry Distribution

Software is by far the most popular, followed surprisingly by mechanical/mechatronics engineering (including QA as a branch of software).



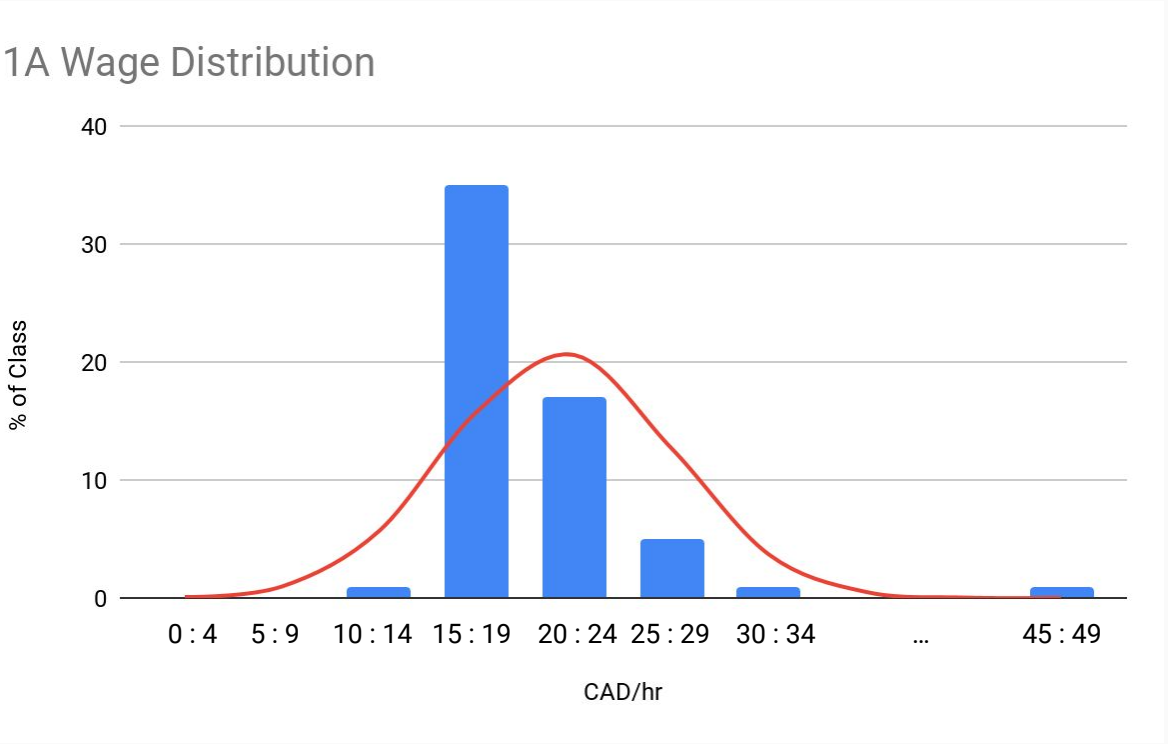
Wage Distribution

The hourly wage for our 1A class is an mean of $19.27 and a median of $18.65.

This is above the $17.62 mean that UW *states* as the average for 1A eng students.

The maximum wage earned this term was $48, and the minimum was $14.

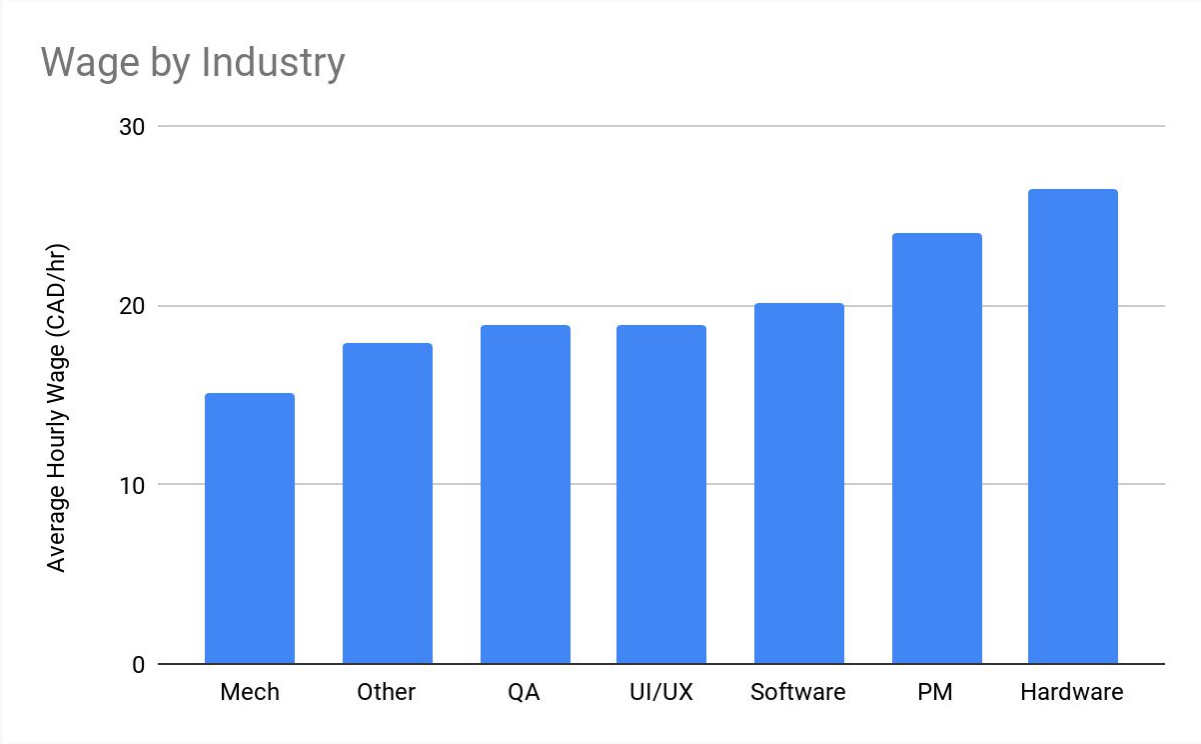
Gender and ethnicity had no statistically relevant effect (less than a dollar).



Wage distribution by Industry

Hardware was the highest, but this is mostly due to the small number of students in the industry, skewing the average.

Software, which had the most students, seems to be the most consistent job for paying the big bucks.



Lifestyle & Recreation

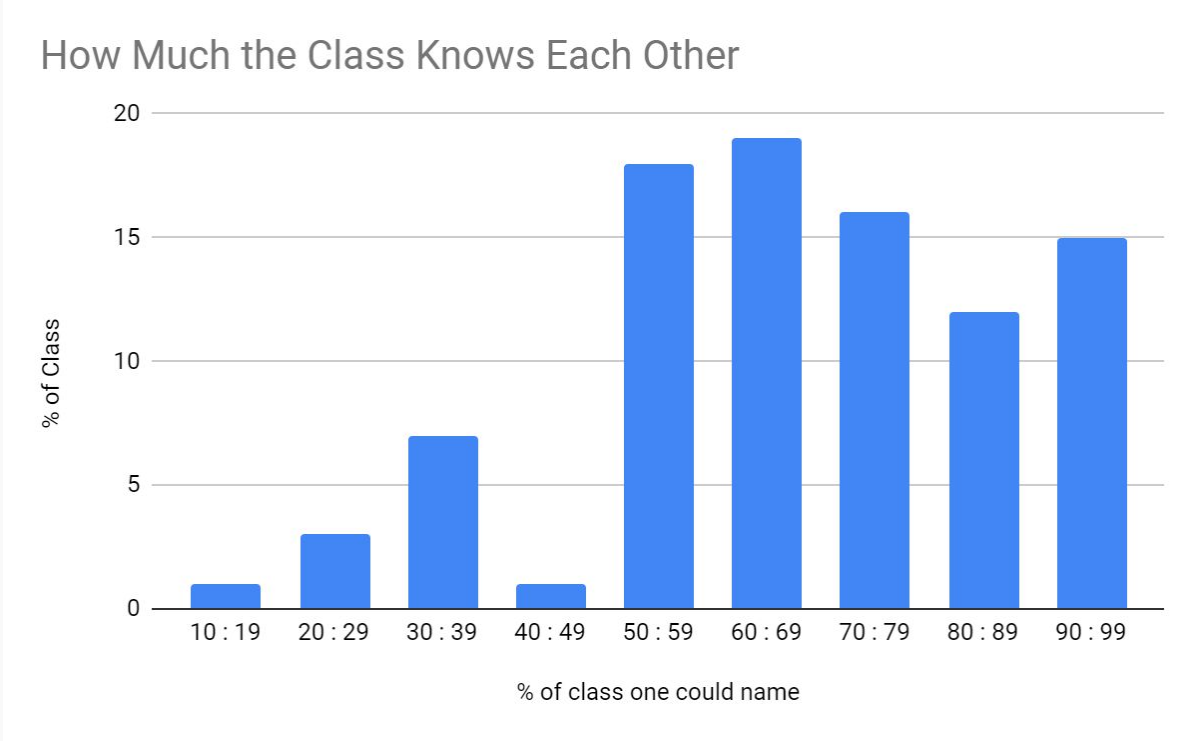
How tight is our cohort already?

How much did we party before?

How close are we as a cohort?

The average person had half their friend group in SYDE, and attended two SYDE events (ASG, ASC, Coffee house, etc).

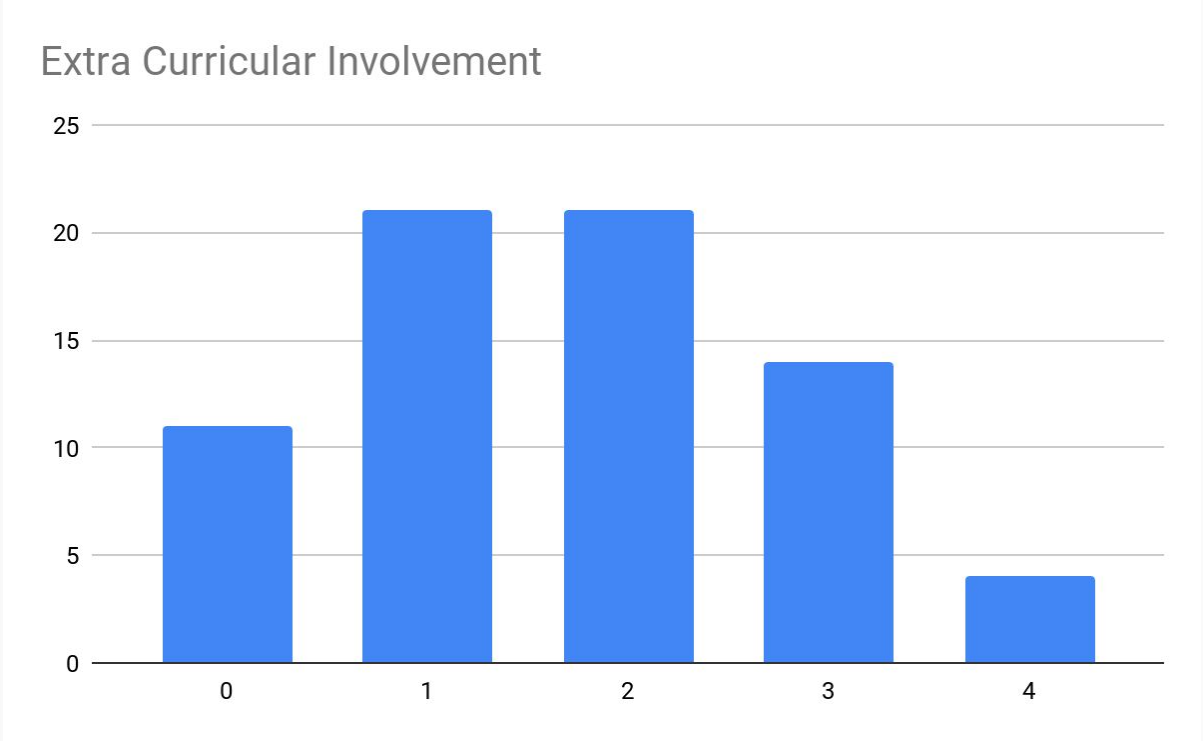
They also knew the names of 67% of people in the cohort.



Extra-Curricular Involvement

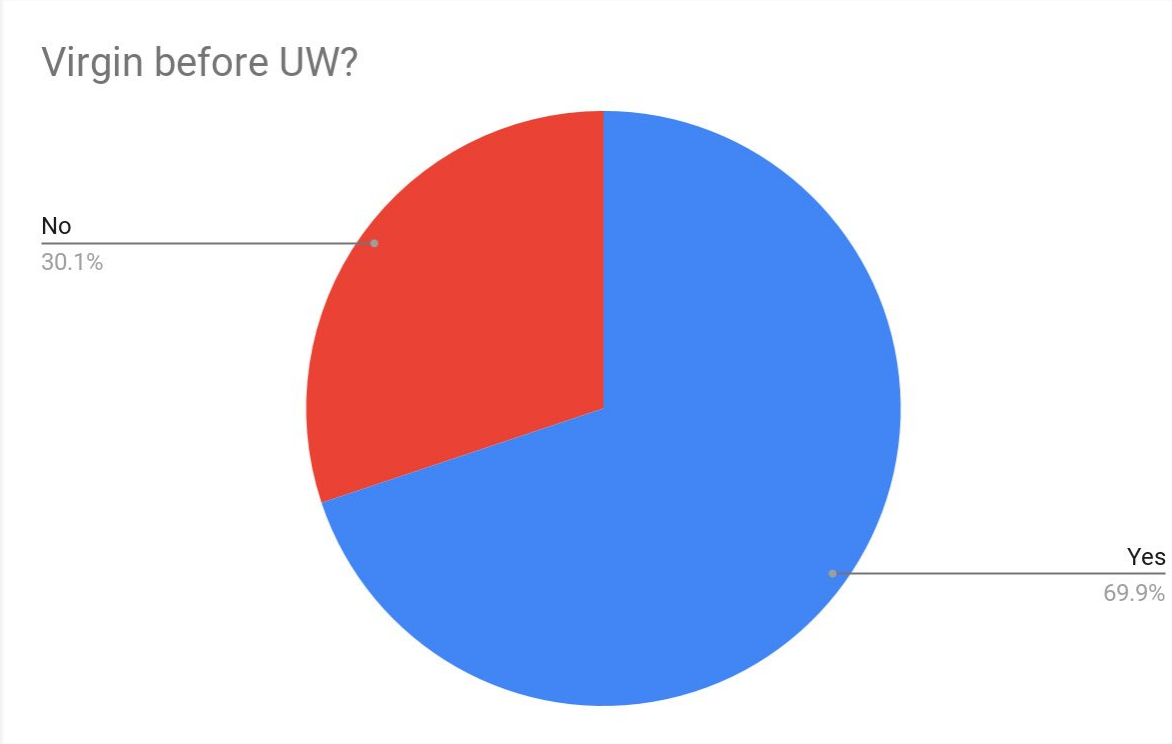
The average person participated in 1.7 activities this term.

Also apparently Lazeez was the most favoured restaurant in our class.



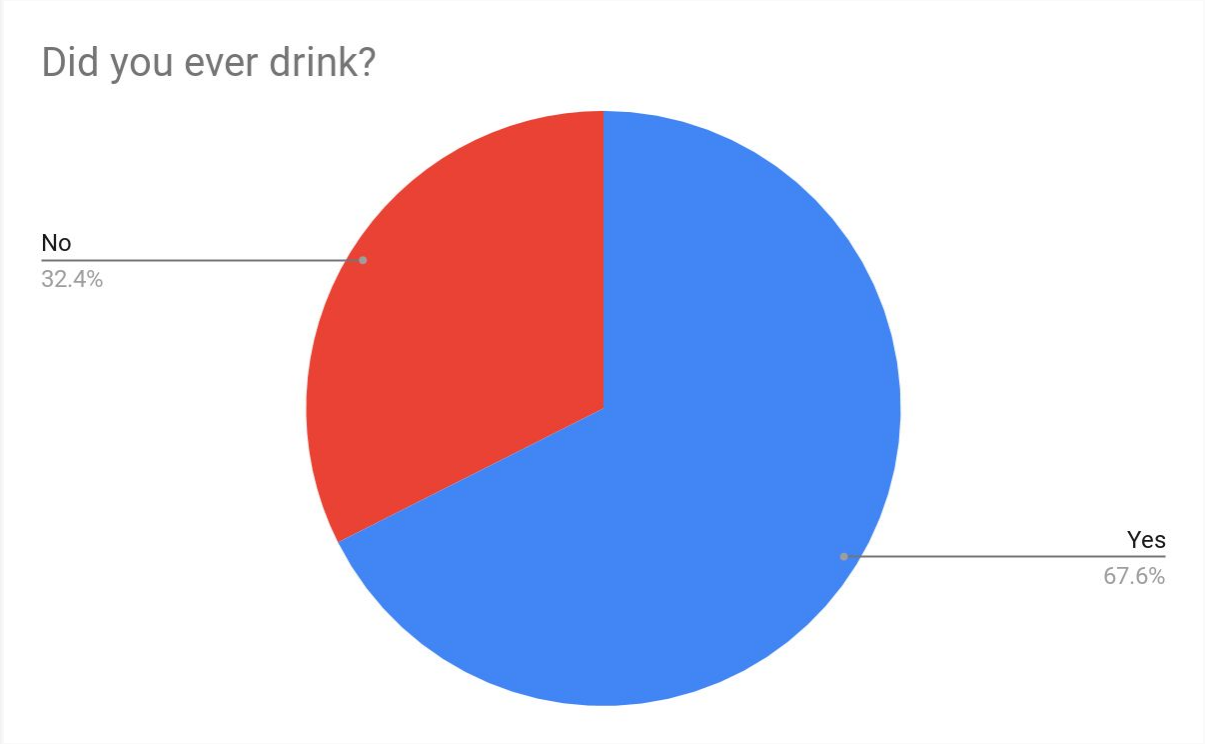
Sex

Comparing to the 2018 SYDE profile, an estimated 47% of the class will have sex for the first time in university.

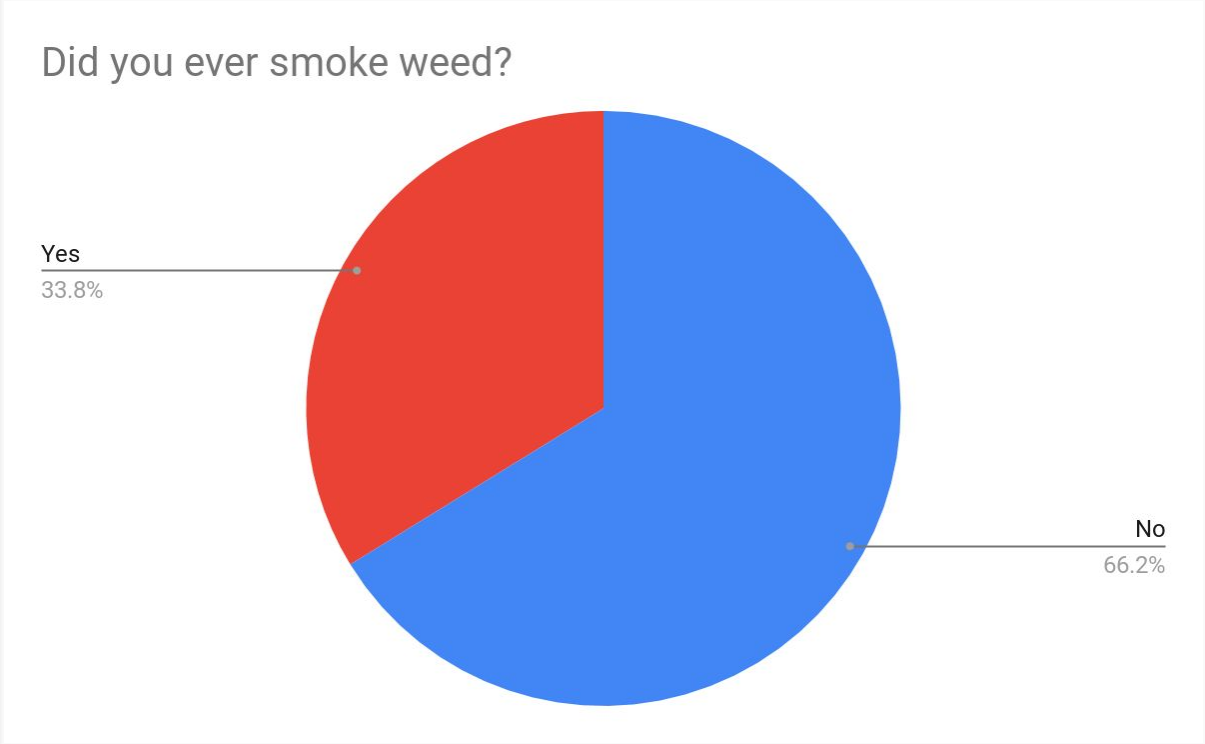


Drinking

Roughly ¾ of us drank before coming to UW.



Smoking

⅖ of us smoked weed before coming.

Roughly half of the people have drank have also smoked weed.