# Sentiment Analysis on Student Education Reports

Welcome to the Sentiment Analysis on Student Education Reports dashboard. Here, you will explore in-depth insights into the sentiments encapsulated within student education reports. Through meticulous analysis, we have dissected various reports and translated the experiences and perspectives of students in the context of education. With the aid of robust data visualizations, we depict sentiment patterns, common trends, and emotional nuances present in each report. Through this dashboard, you can gain a better understanding of how students perceive their educational experiences. Enjoy exploring these captivating and valuable insights!

| 1005 | 11 | 86.32 | 6.75 | 2.10 |
|------|-----|-------|------|------|
| Total Reports | Total Genre | Average of Sentence_Length | Average of Word Length | Average of Gpa |

## Report Count by Genre



| Genre Name | Number of Reports |
|---|---|
| Academic Support... | 236 |
| Food and Cantines | 138 |
| Financial Support | 91 |
| Online learning | 90 |
| Career opportuniti... | 89 |
| International stud... | 86 |
| Athletics and sports | 85 |
| Housing and Trans... | 64 |
| Health and Well-b... | 53 |
| Activities and Trav... | 40 |
| Student Affairs | 33 |
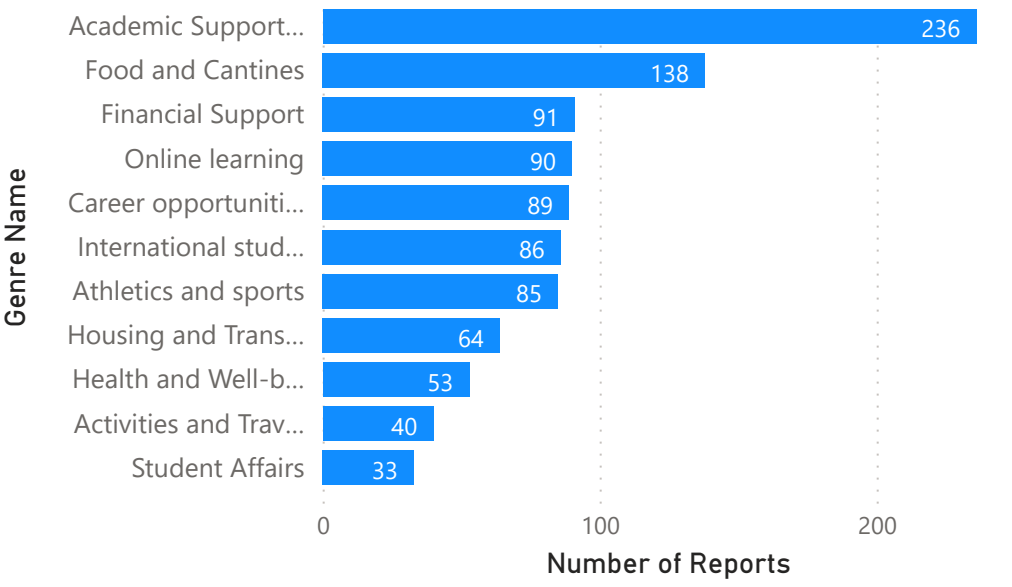
The Academic Support and Resources Genre had the highest numbers of reports

## Report Count by Age Students
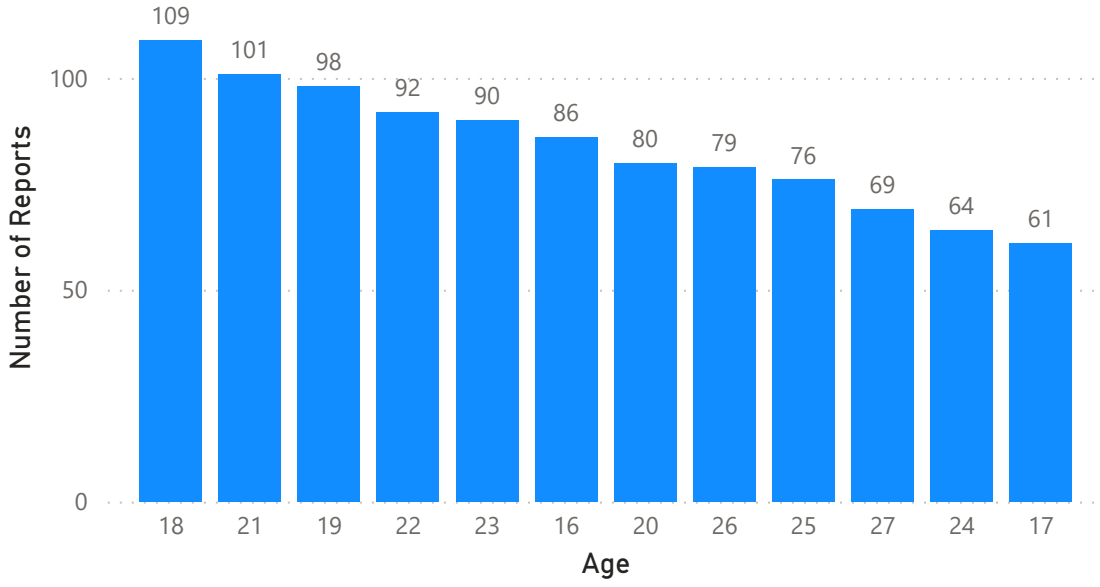


The highest peak occurs at the age of 18 with 109 reports, indicating a range of variation from 61 to 109 reports in the other age groups

## Reports Count by Year Studenrs
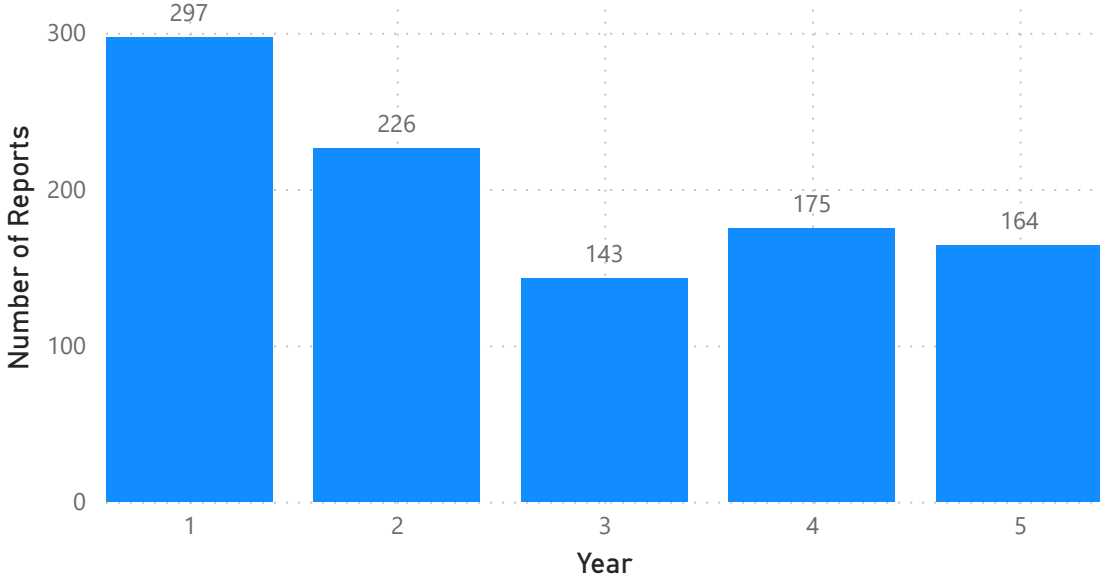


First-year students are more likely to report academic than students in other years

## Sentiment of Students Report



- 170 (16.92%)
- 184 (18.31%)
- 651 (64.78%)

**Sentiment_Label**
- Neutral
- Negative
- Positive
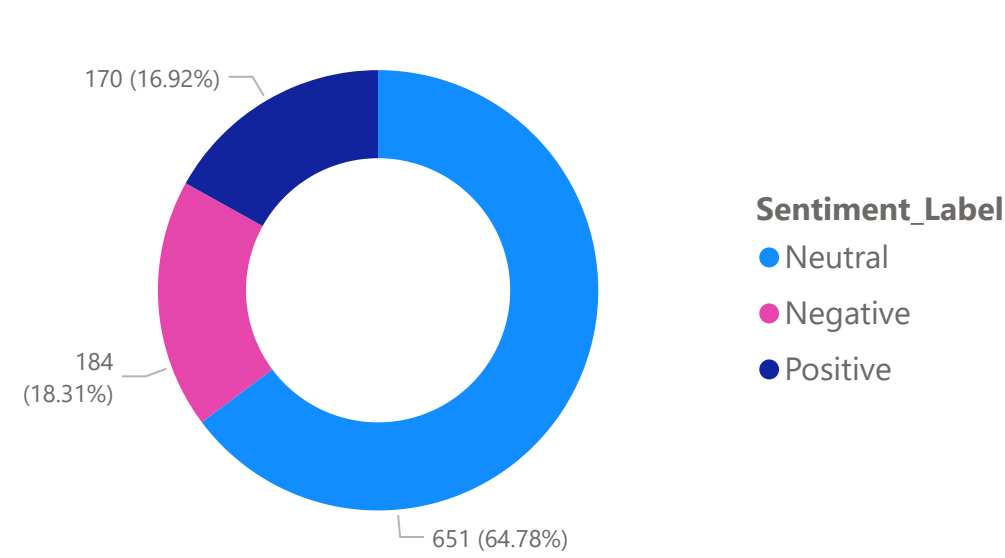
The sentiment distribution shows that neutral reports predominate, indicating a fair viewpoint or a lack of intense emotion.

## Sentiment Distribution by Gender
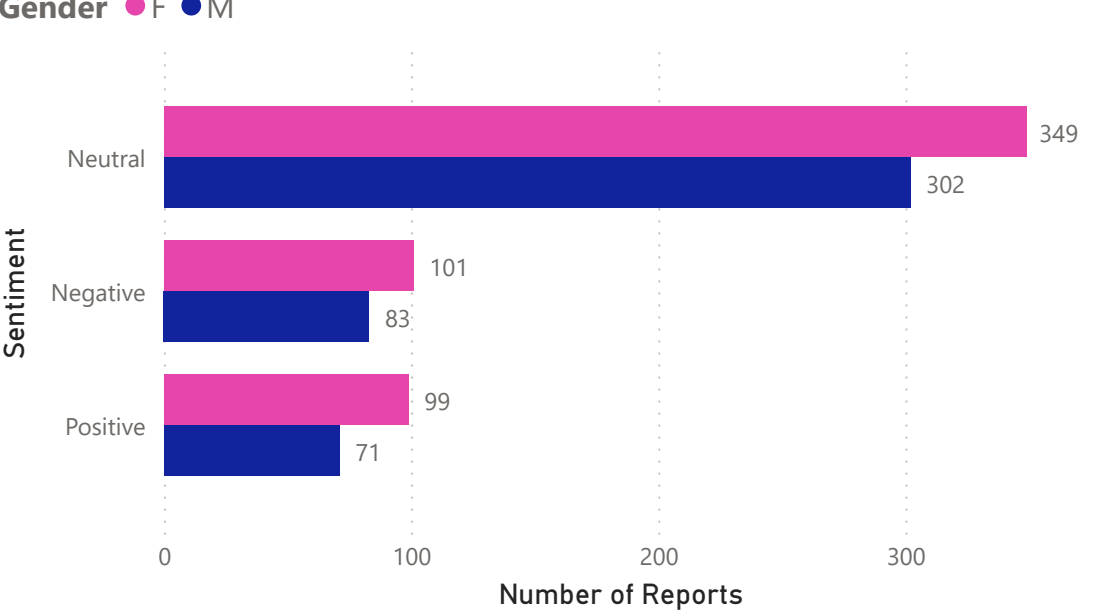
**Gender** ● F ● M



Students of both sexes exhibit negative attitudes, with females expressing these attitudes more frequently, according to gender disparity.

## Gpa distribution by Sentiment

**Sentiment_Label** ● Negative ● Neutral ● Positive
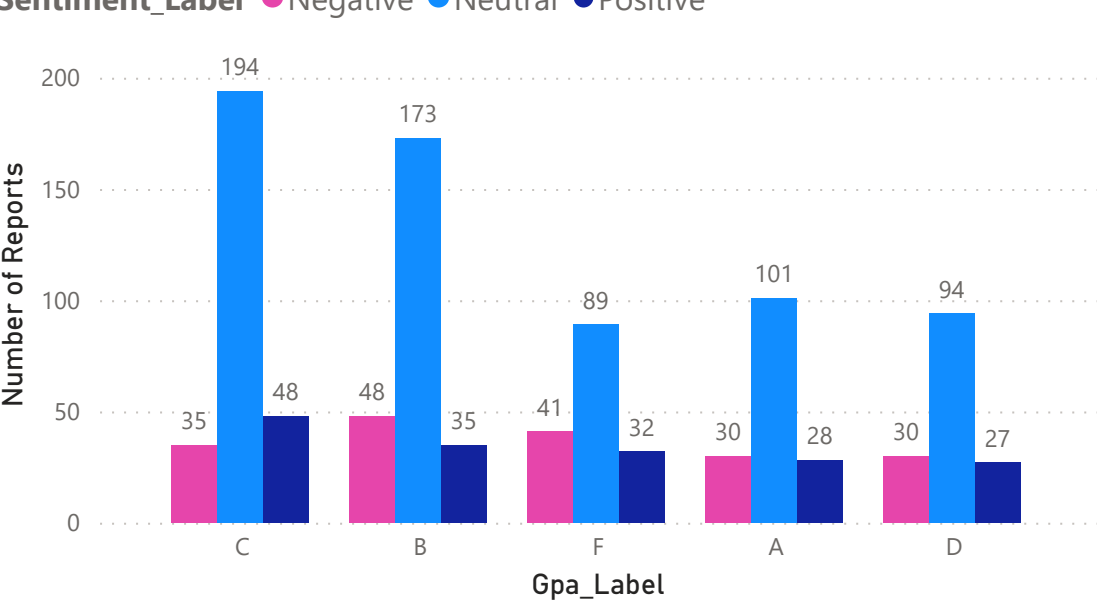


Shows that all grades have more negative responses, except for the C grade, which has more positive responses.

## Genre disribution by Sentiment

**Sentiment_Label** ● Negative ● Neutral ● Positive
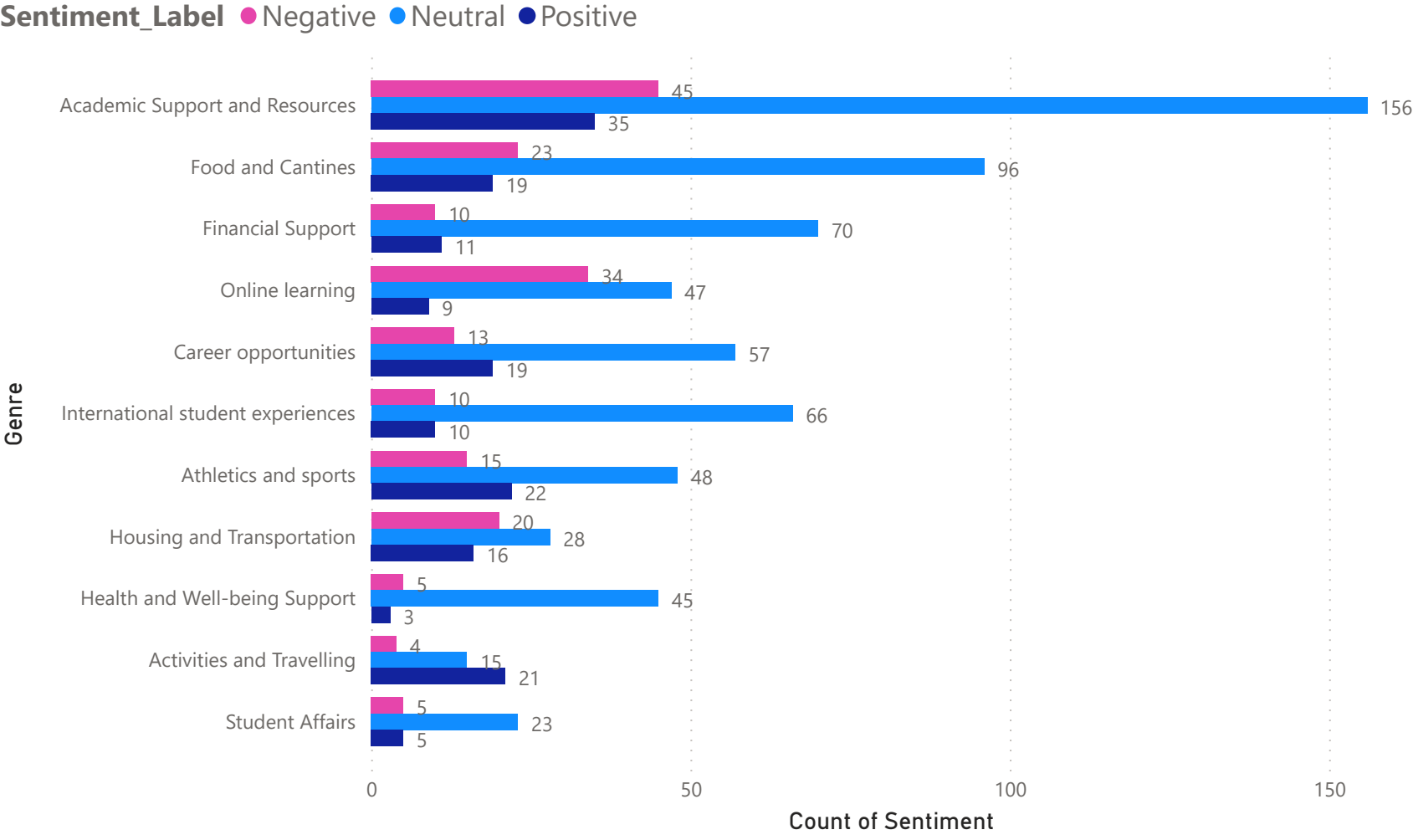


The majority of negative sentiment was expressed for online learning and academic support and resources, while activities and travelling received the most positive sentiment.
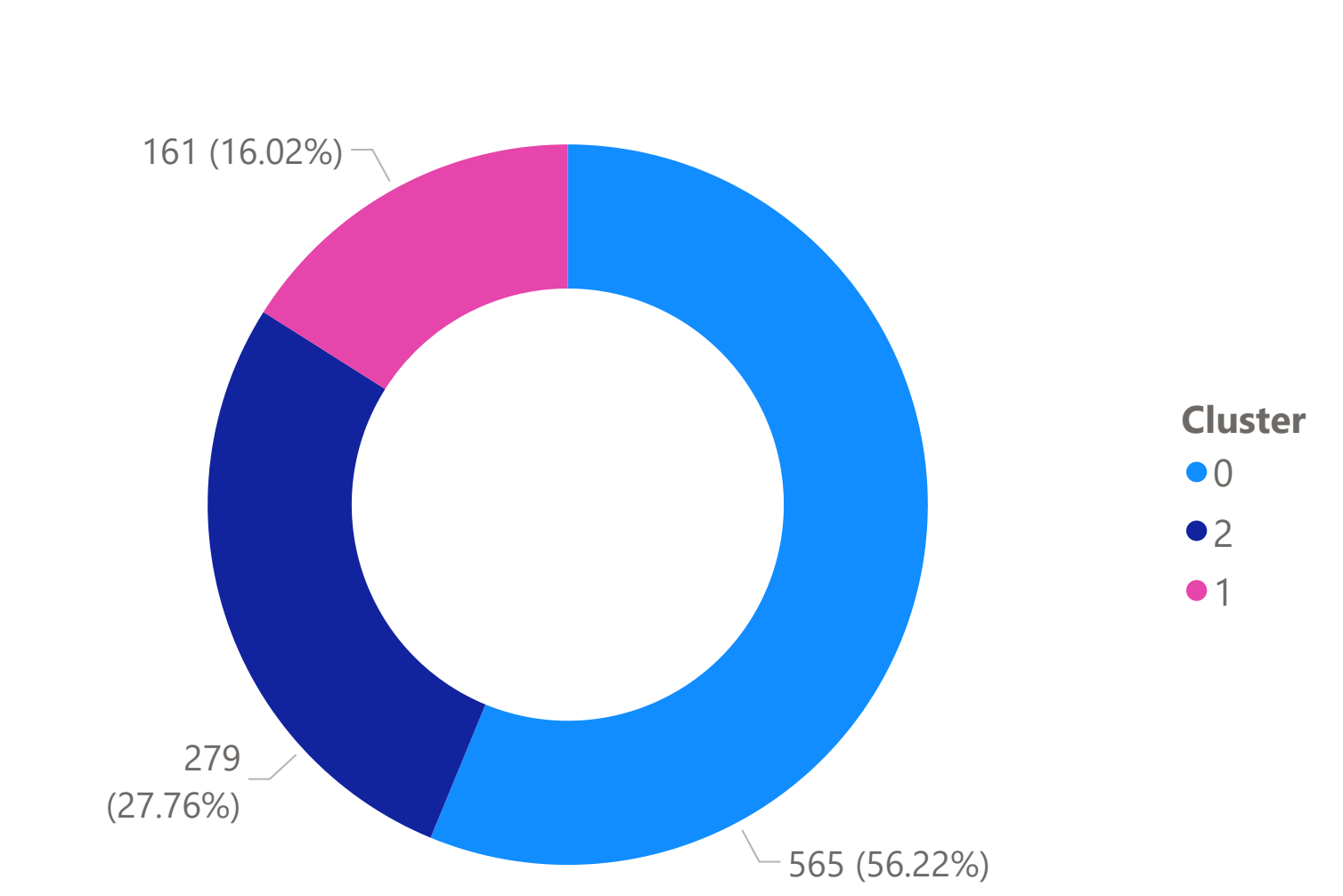
## Nationality distribution by Sentiment

**Sentiment_Label** ● Negative ● Neutral ● Positive
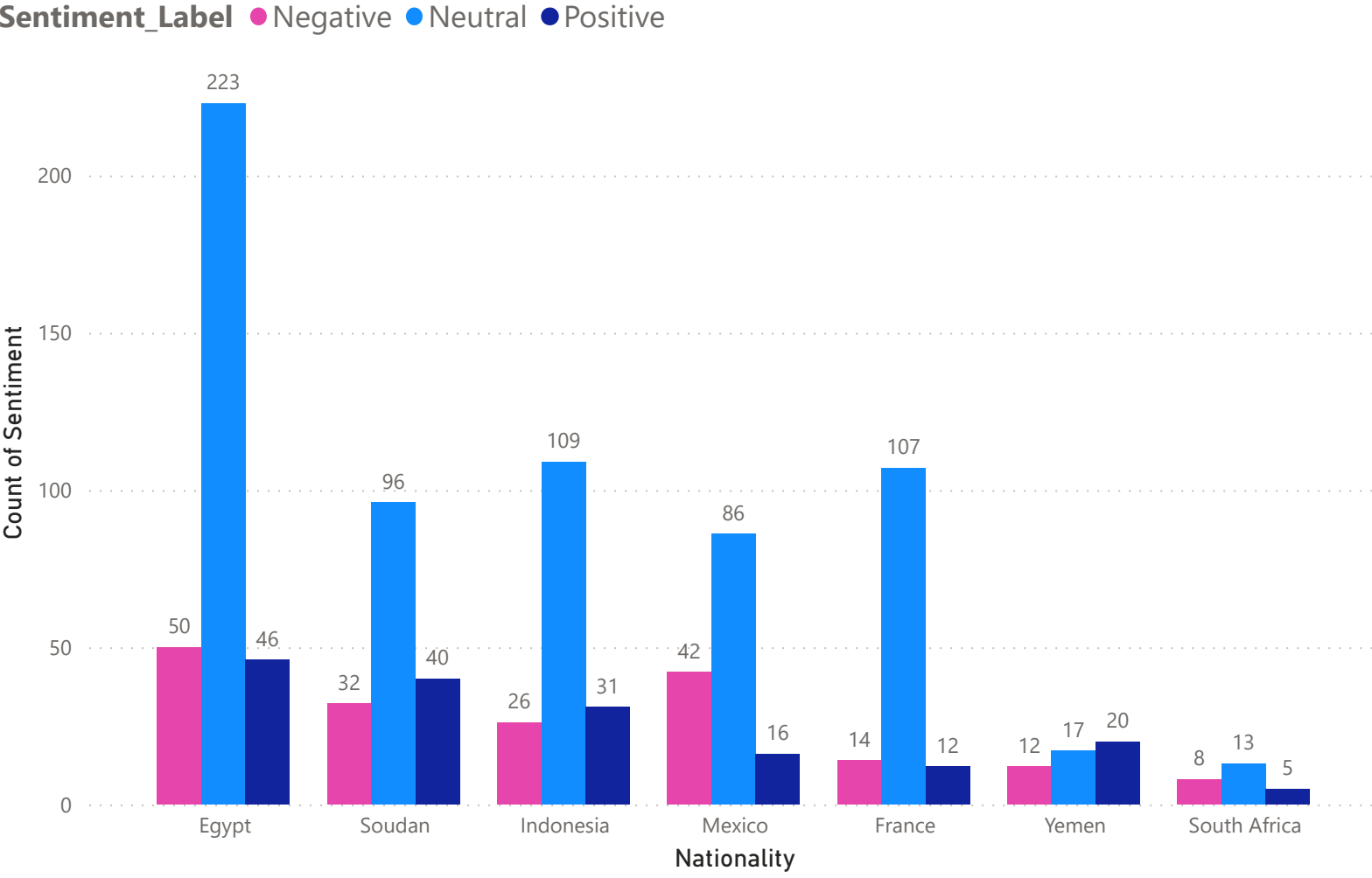


Mexican students expressed more negative sentiment than students from other countries.

## Word Cloud of Reports
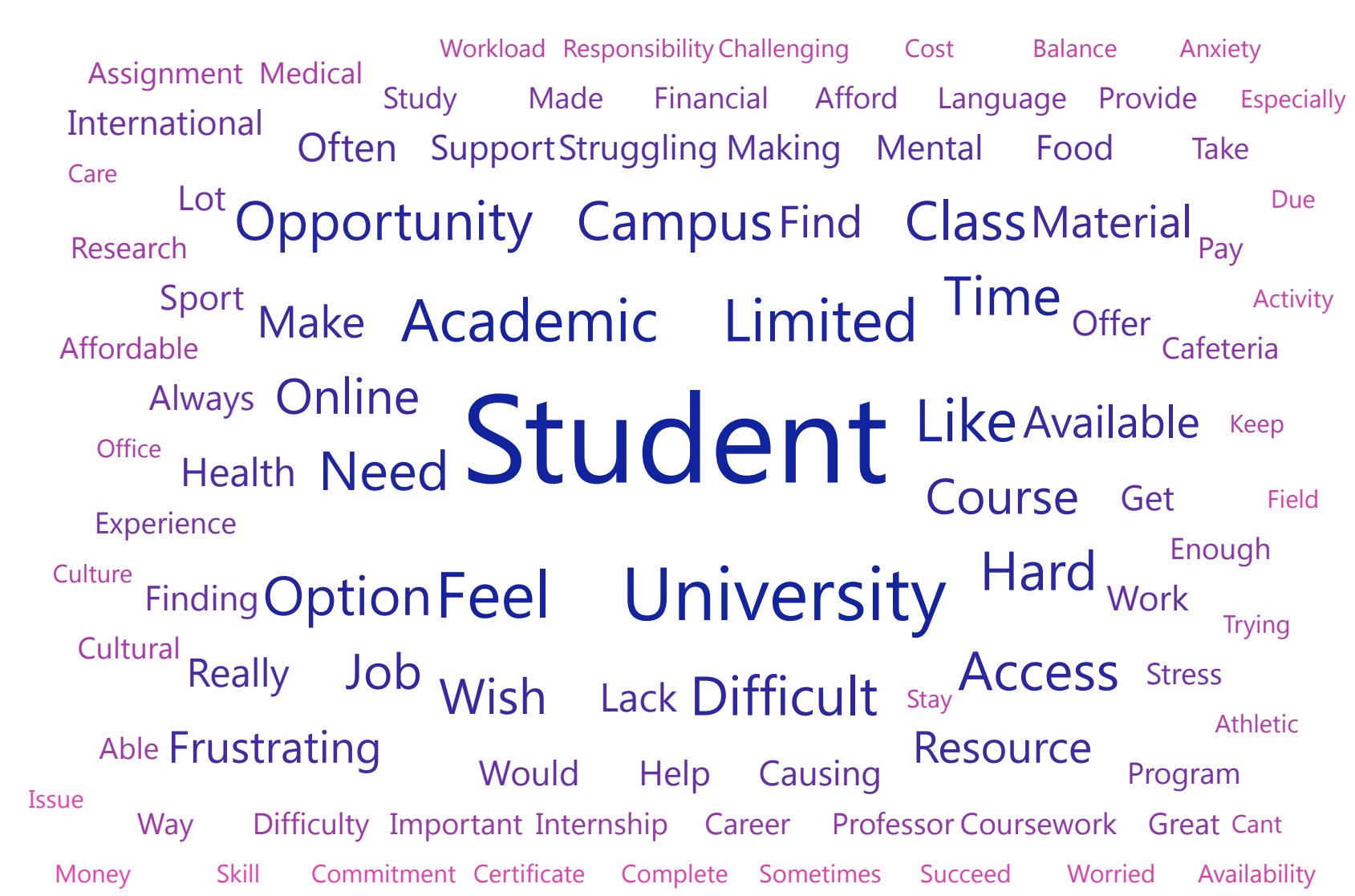


## Cluster Analysis of Reports



- 161 (16.02%)
- 279 (27.76%)
- 565 (56.22%)

**Cluster**
- 0
- 2
- 1

56.22% of the reports belonged to the 0 cluster.