

## Team 1 | CS506 | Deliverable 1

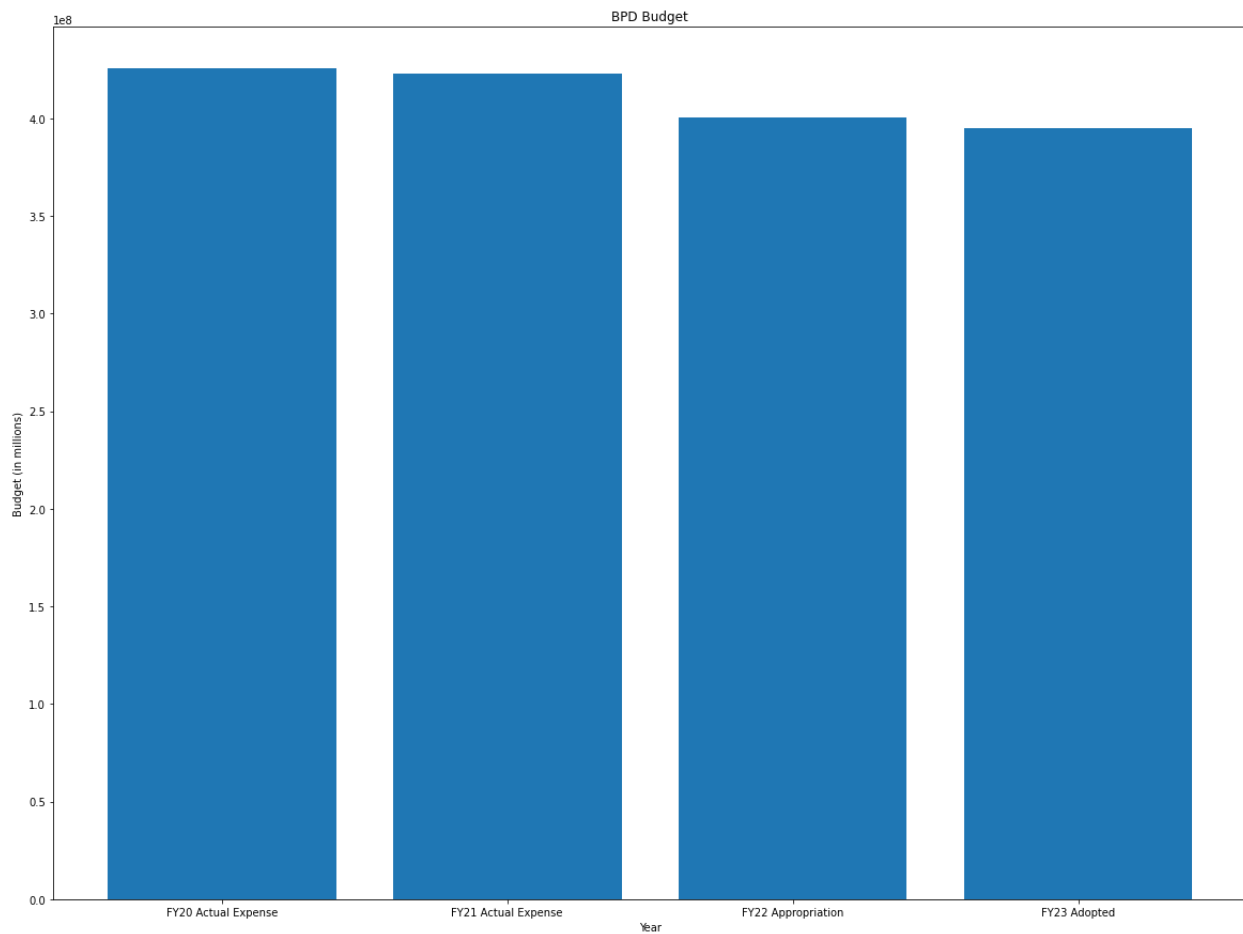
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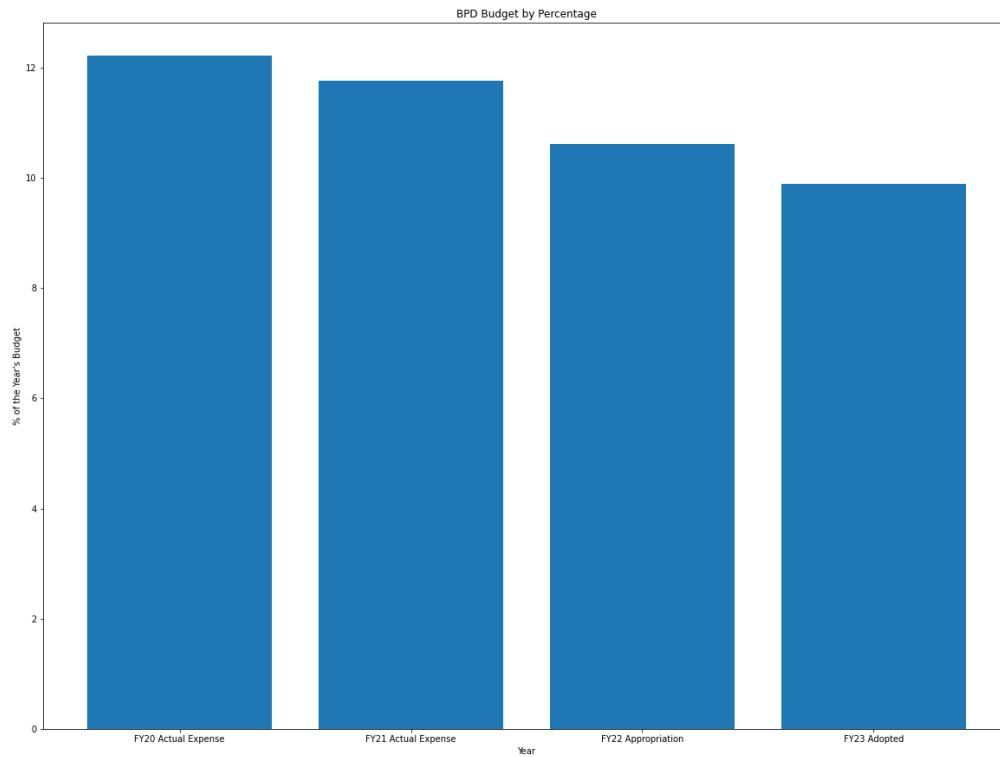
October 14, 2022

1. Total BPD Budget vs. previous year (for all questions):

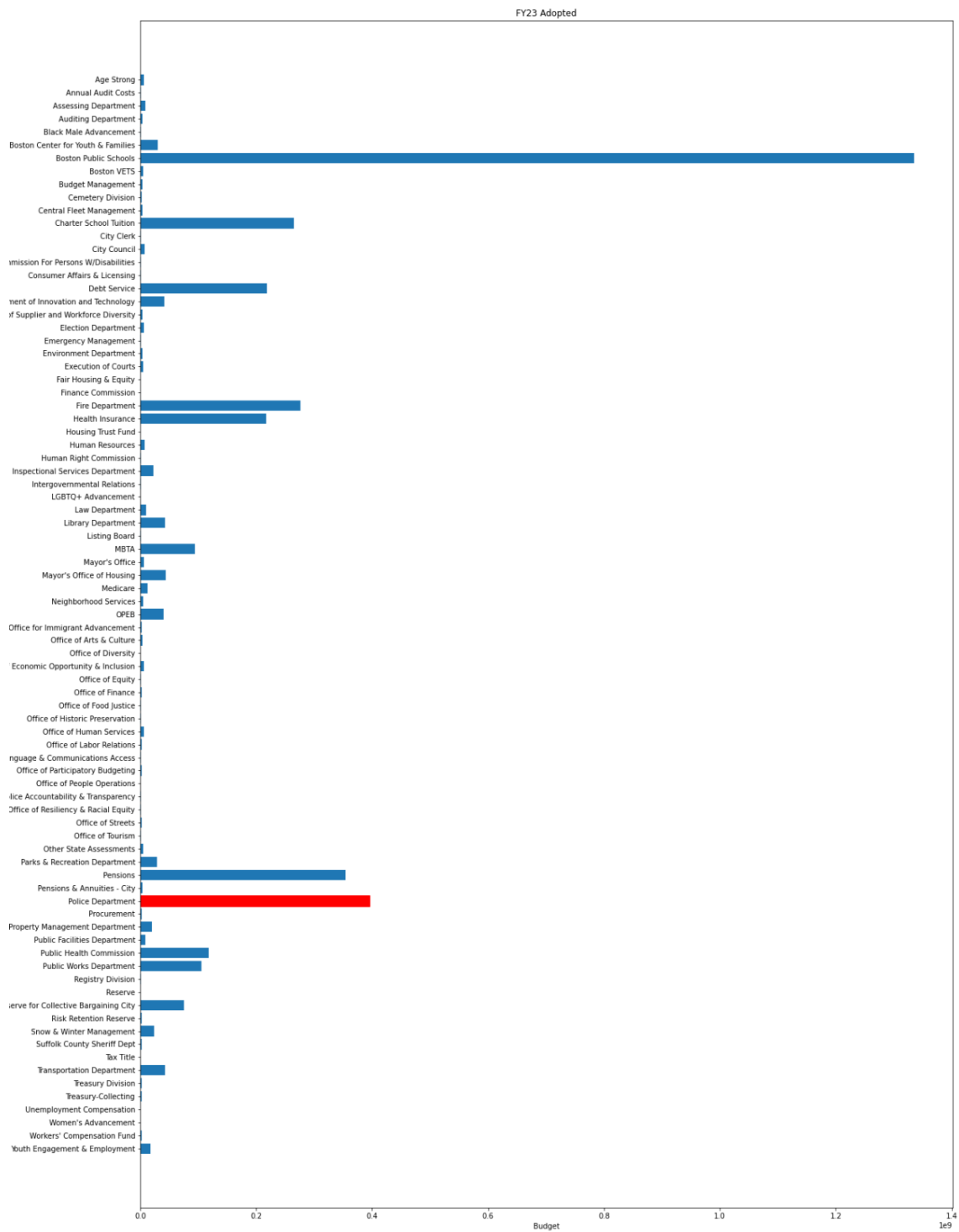


The BPD budget has been decreasing over the past 3 years, as seen in the bar graph above which plots the budget in millions since the 2020 expense report.

2. BPD Budget vs. other departments budgets + change over time



We can see that the percentage the BPD budget takes each year has gone down over the years, with it starting at around 12 percent of the total budget and going down to around 10 percent. This means that the BPD budget has been shrinking and has been allocated a lower amount each year.



However, from this graph it is important to notice that for the 2023 proposed budget, the police department takes the second highest budget value of all the departments in the city budget. Thus, even though it is now 10 percent of the total budget, it is still the second highest budget in terms of total expenditure.

**REVISAL OF PROJECT SCOPE:**

Our project scope will remain pretty much the same, as we will compare the police budget with other budgets in the city and also compare it to previous years, as that data is readily available. Our scope may be slightly expanded in terms of number of years we're comparing, as we didn't expect to be able to compare the last 3 years of data to next years.

**REVISAL OF PROJECT LIMITATIONS:**

The concern about bias and data disclosure still remains, as the data the Boston Data website releases may not be fully accurate and may contain sent data that looks better for certain departments than it really is (which may include the police department). Through looking at the source of the budget data, it's not super clear how this data is verified to be fully accurate, and so our original concerns still remain.