

Mid-Semester Insights Report

NCF and BIPOC Philanthropy: Equity and Philanthropic Giving in Massachusetts

CS506

Team C: Sharon, Fiona, Justin, Tyler, Esther

29 March, 2024



Overview

Since early insights report to mid-semester report, we:

- finished answering remaining two key questions
- created more visualizations for all key questions
- looked into trends and comparisons for data
- wrote our Mid-Semester Report here: [Report](#)

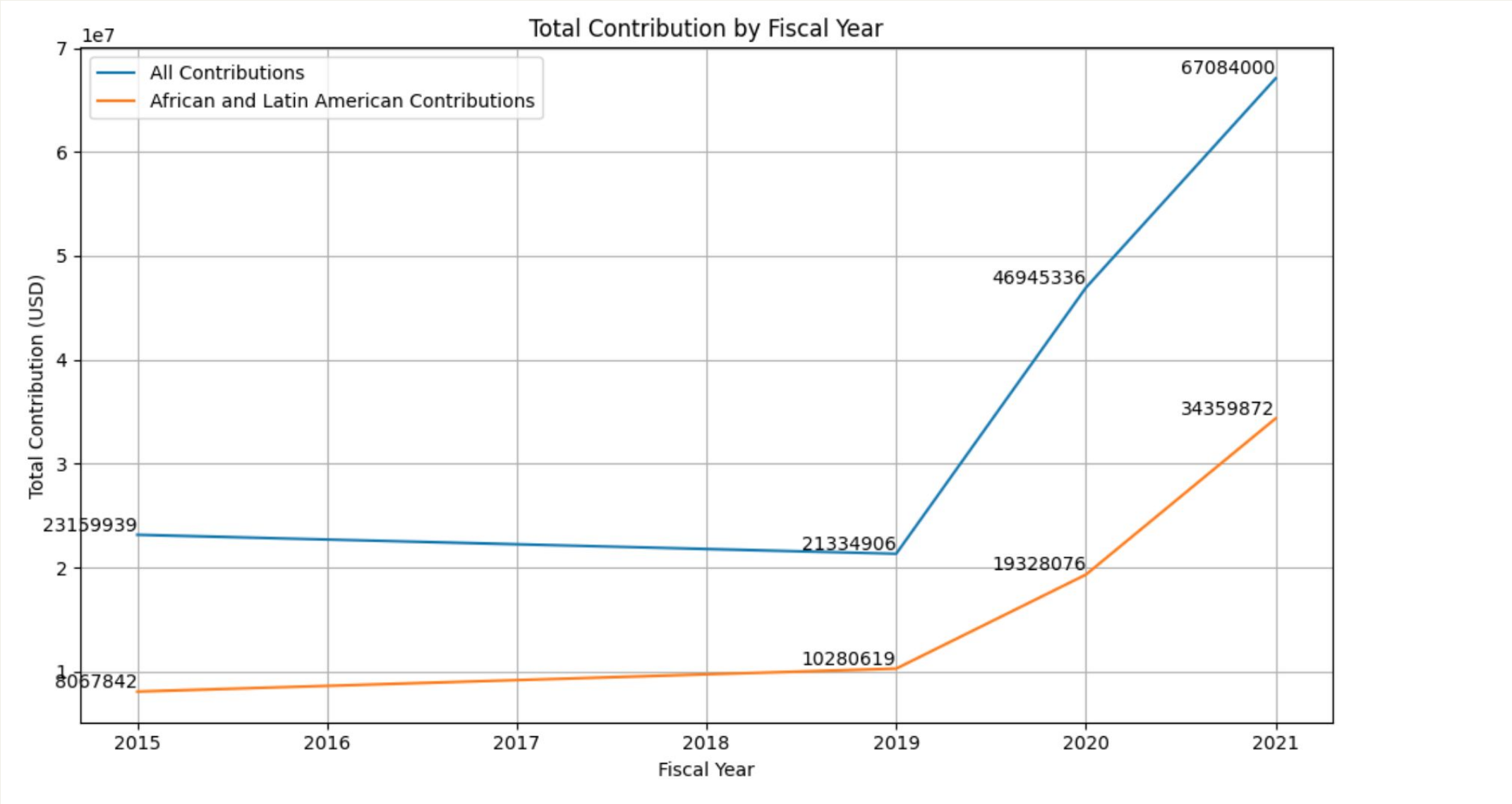
Since last client meeting, we:

- responded to feedback
- updated charts
- looked into some inconsistencies



Key Question #1 Answered

1. How much funding is going toward racial justice programs (based on donations to nonprofits that focus on these issues) in Massachusetts and how has this shifted over time?

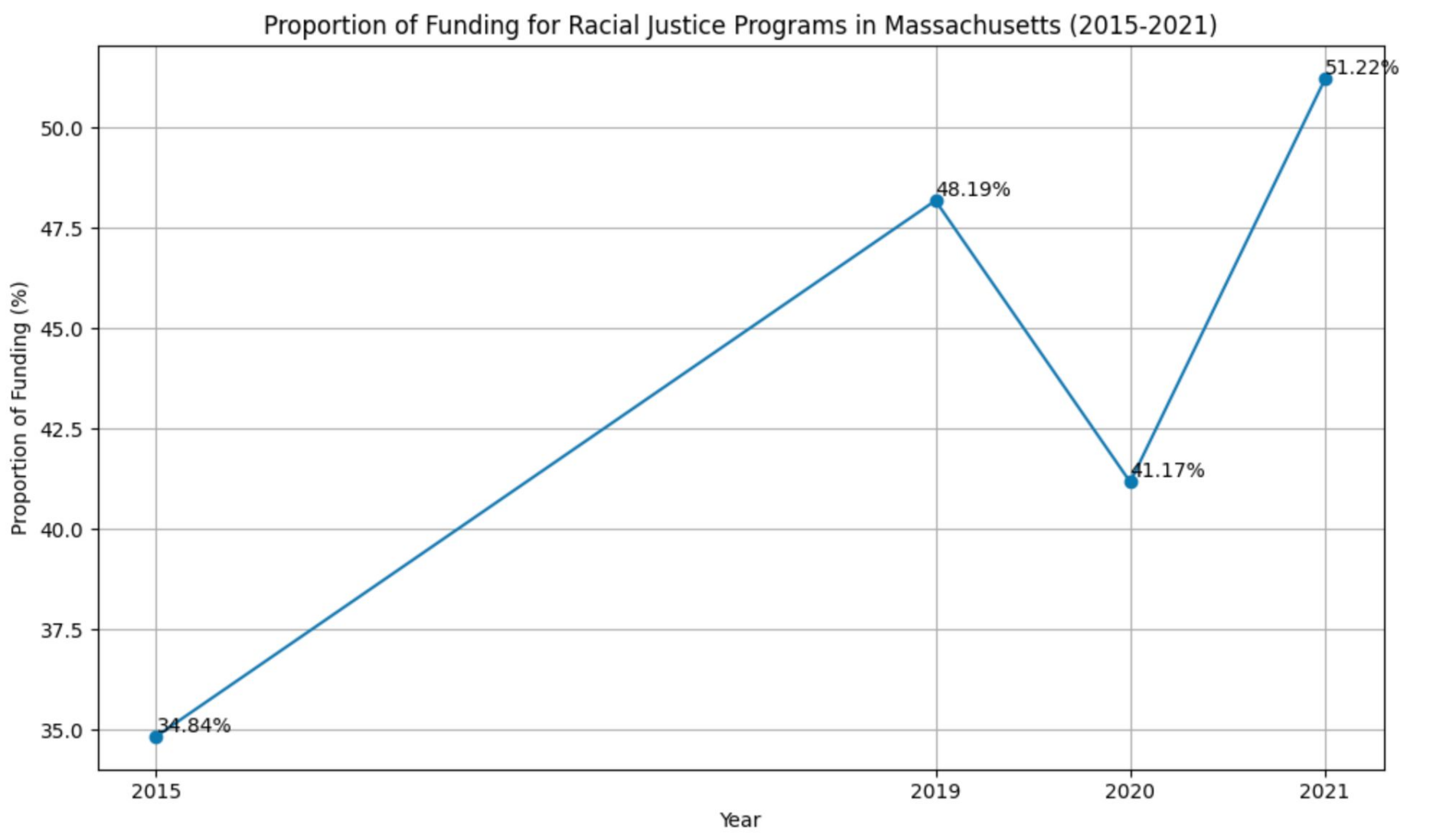


Source: 'Grants' Bundle
Columns used: 'fiscal_year',
'recip_population_code',
'amount_usd'

Total Funding Per Fiscal Year

Key Question #1 Answered

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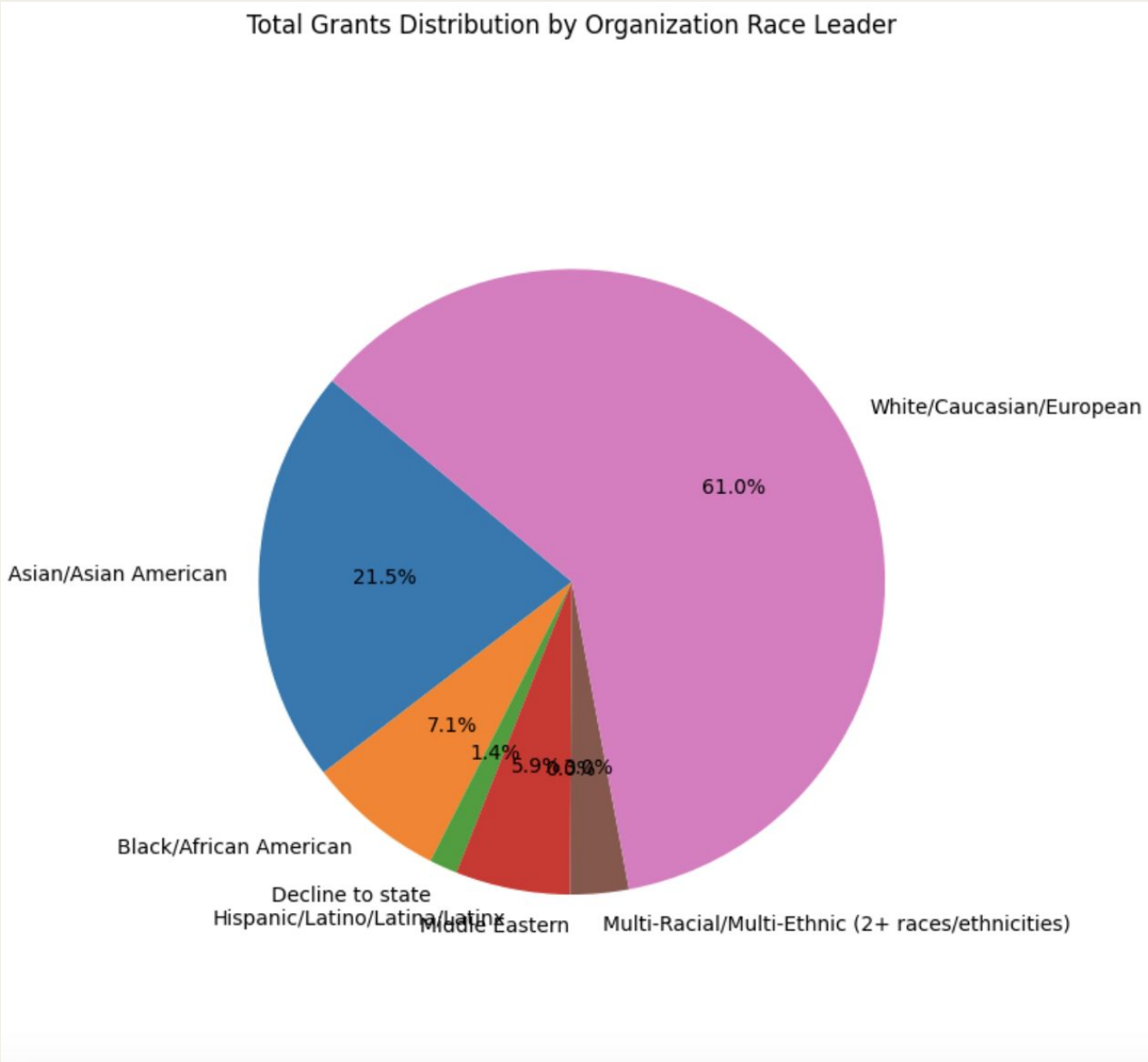


Source: 'Grants' Bundle
Columns used: 'fiscal_year',
'recip_population_code',
'amount_usd'

Proportion of Funding for Racial Justice Programs over the years

Key Question #2 Answered

2. How much funding is going toward nonprofits led by Black or LatinX individuals (president, executive director, board chair, etc.) in Massachusetts?



Source: ‘Grants’ Bundle,
‘Organizations’ Bundle
Columns used: ‘amount_usd’,
‘recip_name’, ‘org_name’,
‘race_leader’



13% of funding is going towards nonprofits led by Black or LatinX individuals in MA

Key Question #2 Answered

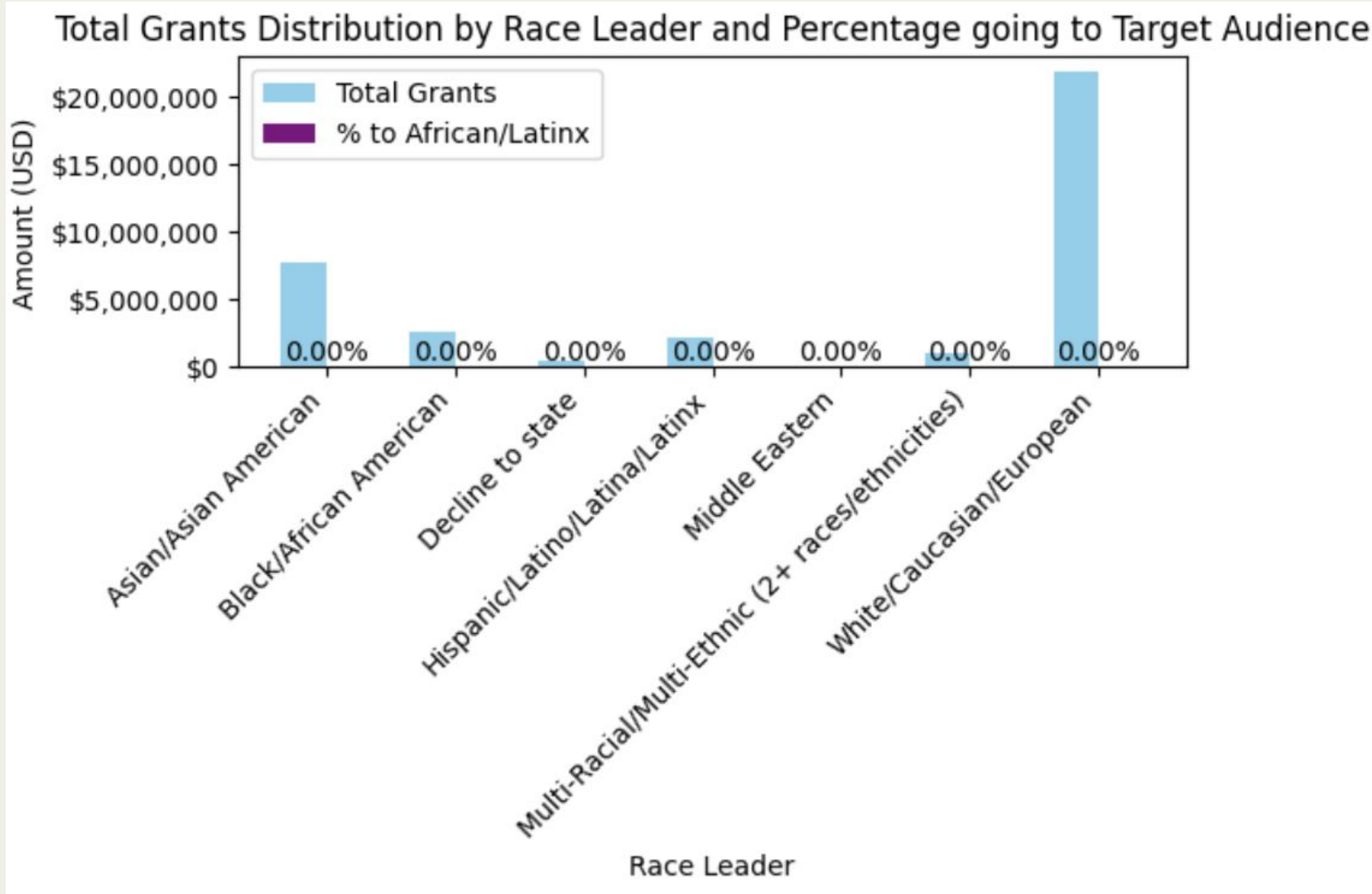
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10.26 % of orgs have no race_leader data  
62.21% of organizations that received grants were lost during merge (will check on this later).  
2.95% of funding is going towards nonprofits led by Black or LatinX individuals in MA = 4670203
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Limitations



Key Question #2 Answered



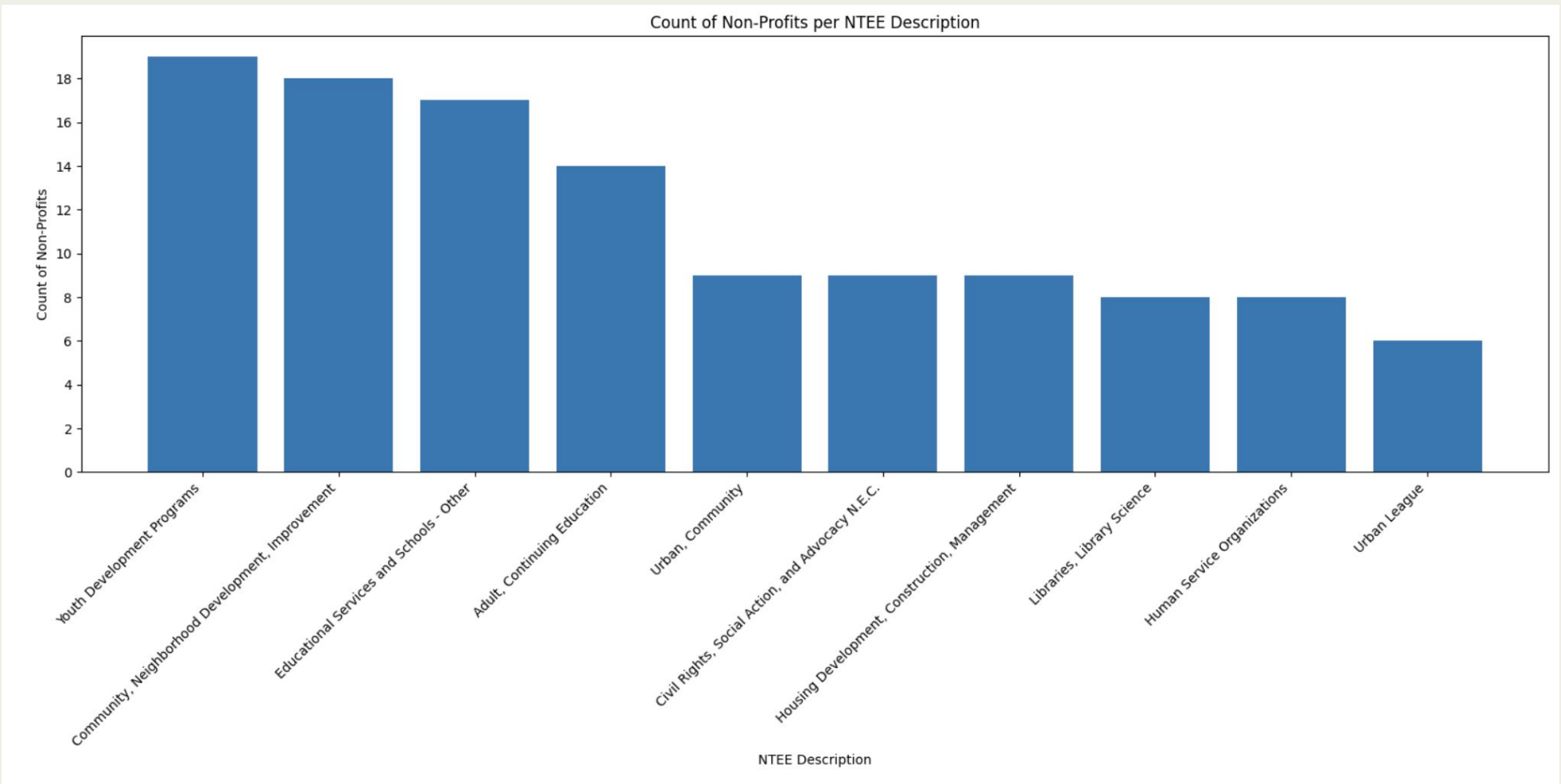
Source: 'Grants' Bundle.
'Organizations' Bundle
Columns used:
'recip_name', 'org_name',
'amount_usd', and
'race_leader'

Total Grants Distribution by Race Leader and Percentage Going to Target Audience



Key Question #3 Answered

3. What are other trends related to the type of organizations and grants that are being funded serving the Black and LatinX communities in Massachusetts e.g. missions of the nonprofits, issue focus of the grants, changes in amounts donated over time, etc.

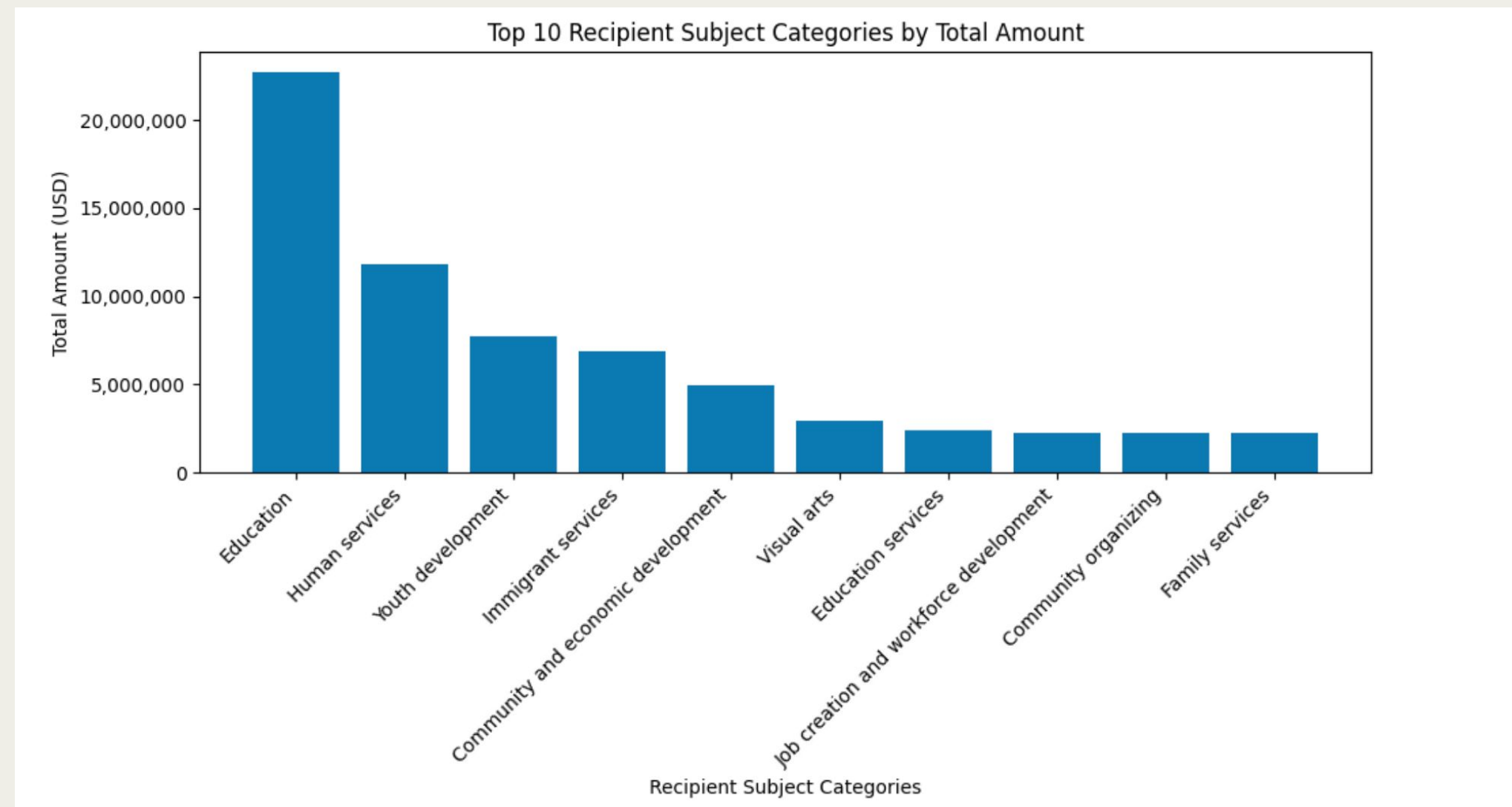


Source: 'Base Bundles' sheet
Columns used: 'NTEE'

Missions of overall nonprofits who serve the Black and LatinX community

Key Question #3 Answered

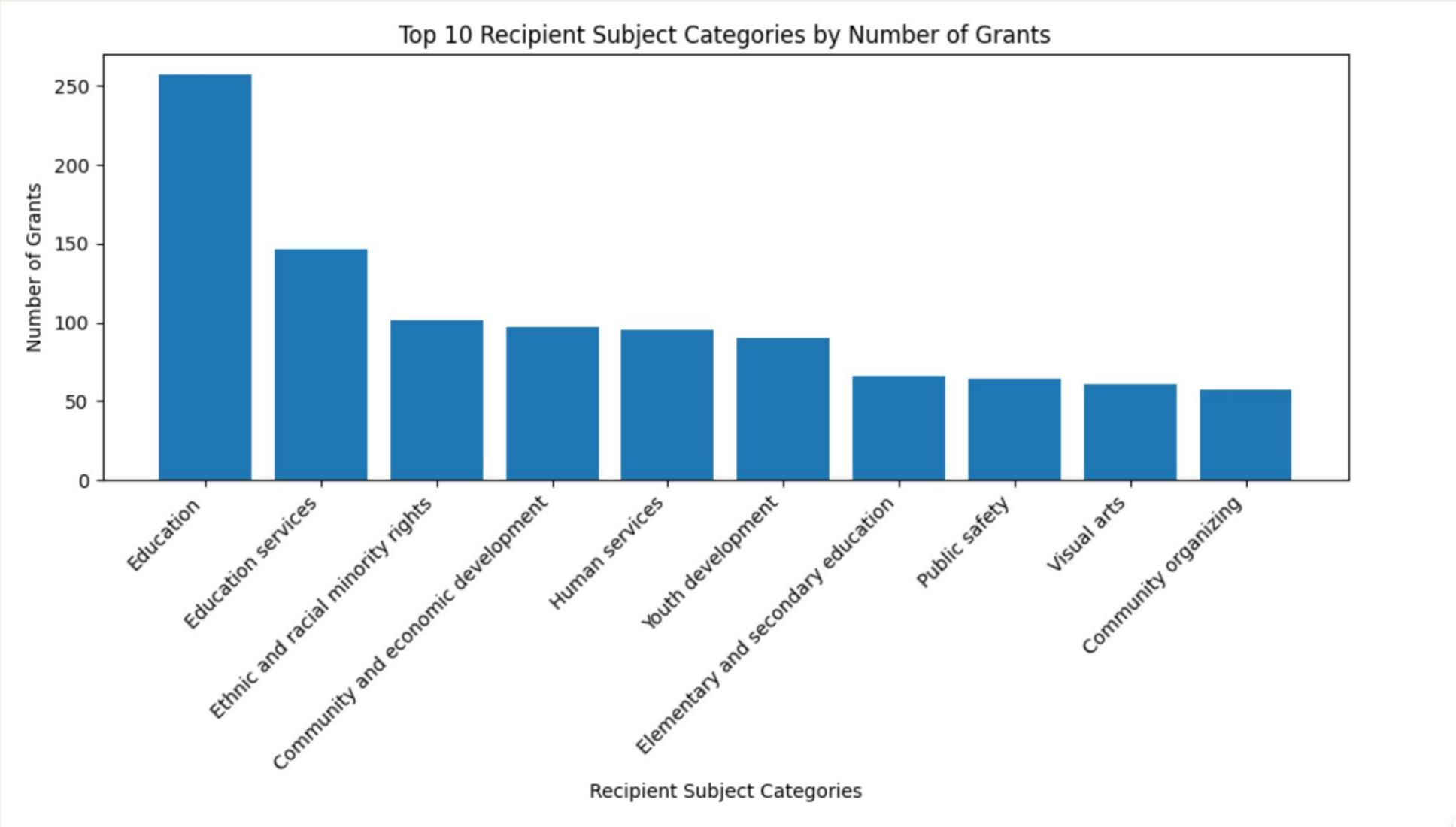
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Missions of the nonprofits who serve the Black and LatinX community based on grants received

Key Question #3 Answered

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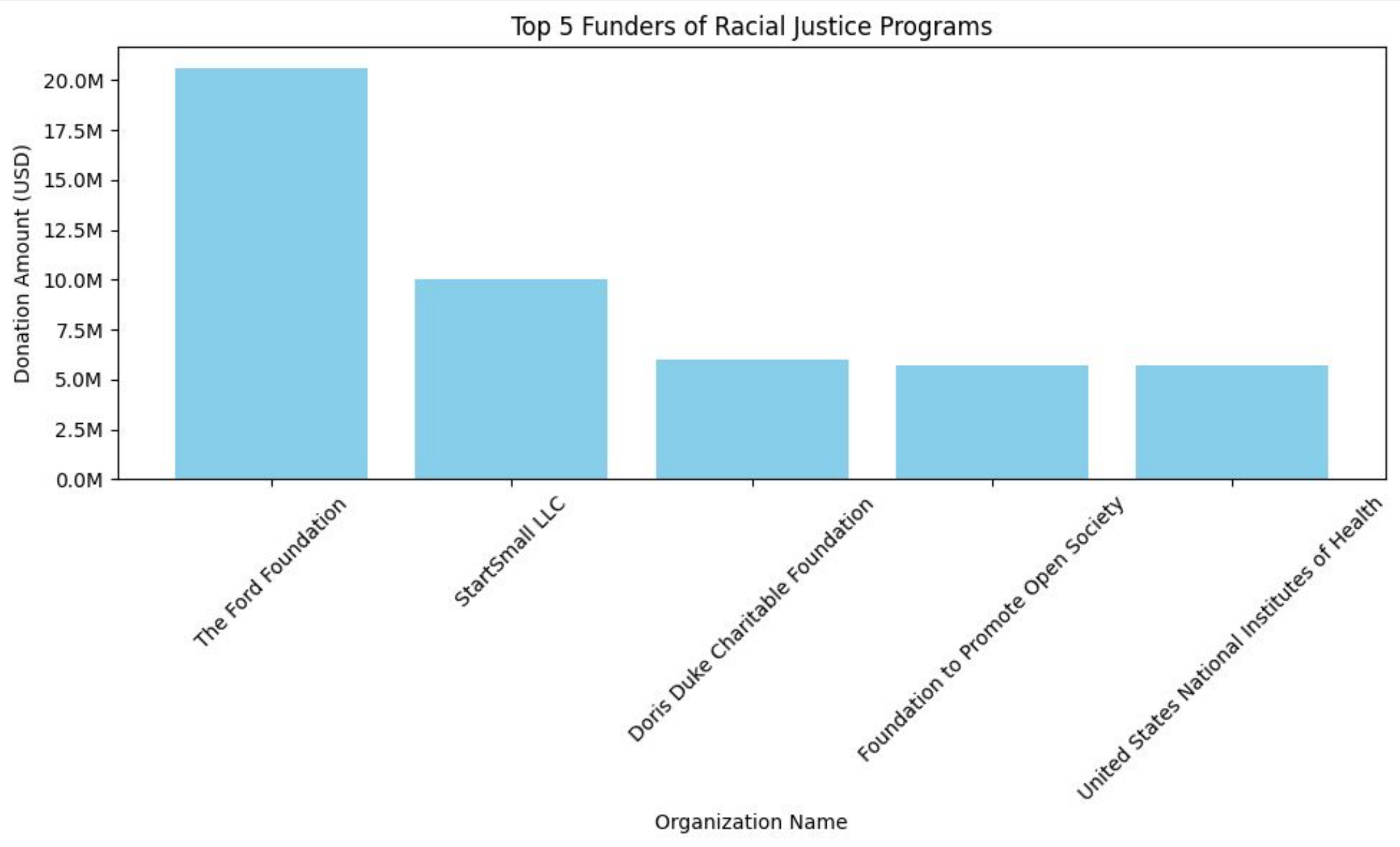


Source: 'Grants' Bundle';
Columns used:
'recip_subject'

Missions of the nonprofits who serve the Black and LatinX community based on grants received

Key Question #4 Answered

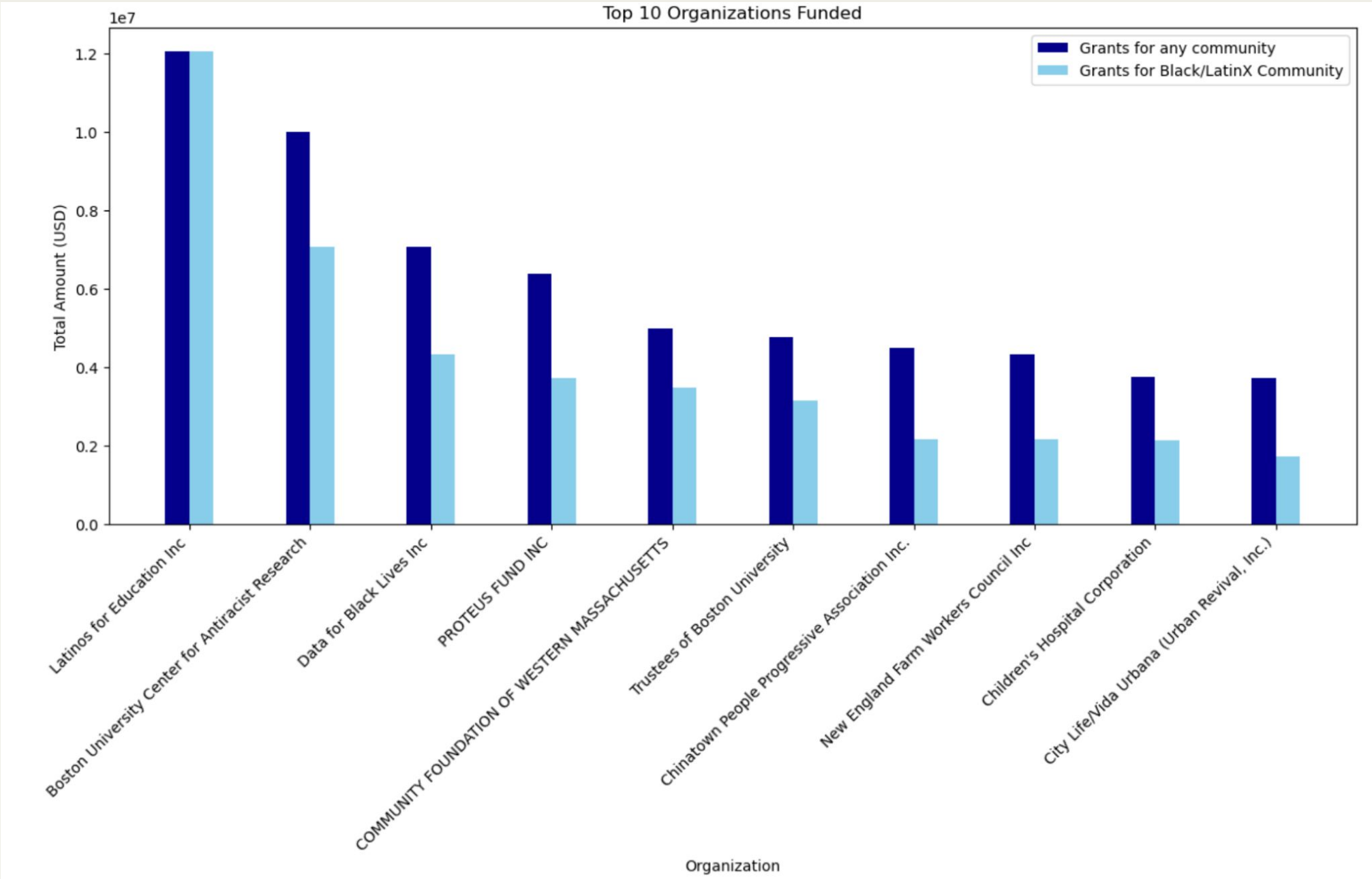
4. Who are the top funders of racial justice programs in Massachusetts?



Source: 'Grants' Bundle';
Columns used:
'recip_subject', 'gm'

Extra Deep-Dive

Which organizations serving Black/LatinX constituencies are receiving the greatest amount of funding in Massachusetts?



Source: 'Grants' Bundle;
Columns: 'recip_name',
'amount_usd',
'grant_population_code'

Extension Questions Proposed

- Additional parameters:
 - Filter out hospitals, churches, and higher education institutions
 - Filter out grantmakers
- Propose a methodology for using and filtering by NTEE codes to extract more meaningful insights from organization mission. Why did you make the decisions that you did?
- What is the proportion of contributions to Black/brown communities compared to all grants?
 - How has this share of contributions changed between 2015 and 2020?
 - Where are the recipient organizations located? How does this compare to state demographic data? (Is it the case that contributions tagged as serving Black/brown communities are reaching organizations located in communities with large Black/brown communities?)

Next Steps



Preliminary Analysis

Initial analysis of data to become more familiar with the structure of our dataset and how we can best work with it.

In this phase, we answered 2 key questions.



Create More Visualizations + Find Trends



Mid-Semester Report

Further analysis of datasets and all key questions answered.



Extension Questions Answered



Final Report

Wrap up project by completing 3-page final report containing visualizations, key findings, and summary.



Thank you!

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