

# **Data**





### Cityofnewyork.us

DOE High School Directory



### Openbudget.ny.gov

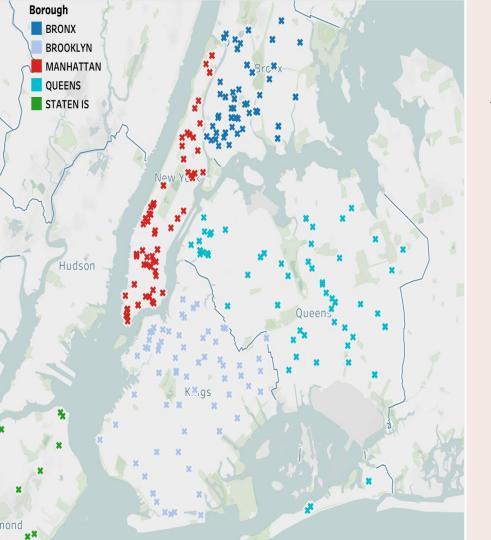
School funding information



### Census.gov

Household income information





# NEW YORK HIGH SCHOOLS



**Graduation Rate** 



College Career Rate



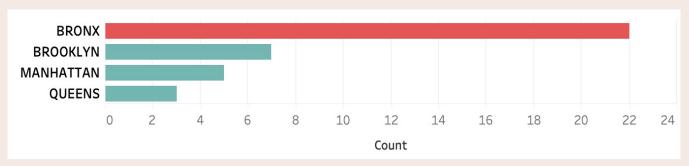
**Funding** 



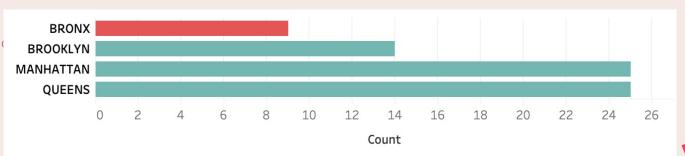
Household Income



#### **Lowest Graduation Rate:**



#### **Highest Graduation Rate**:



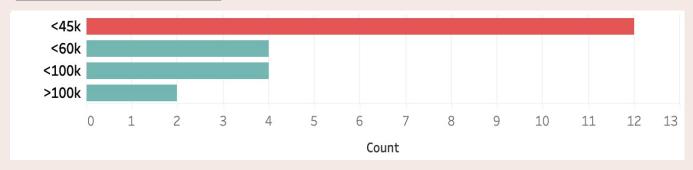




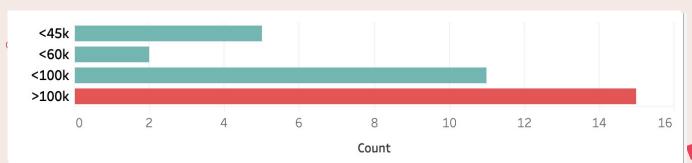


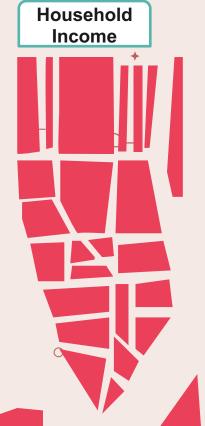


#### **Lowest Graduation Rate:**



### **Highest Graduation Rate**:



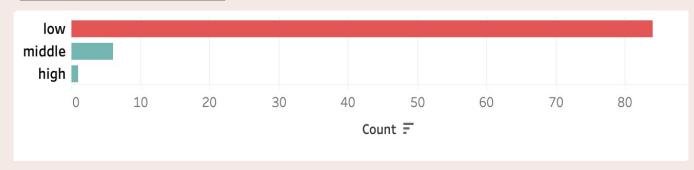




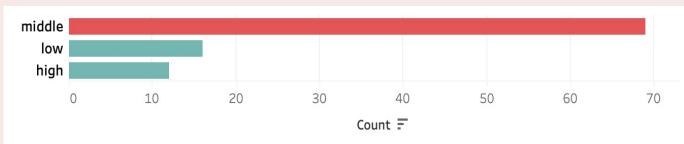




#### **Lowest Graduation Rate:**



#### **Highest Graduation Rate**:







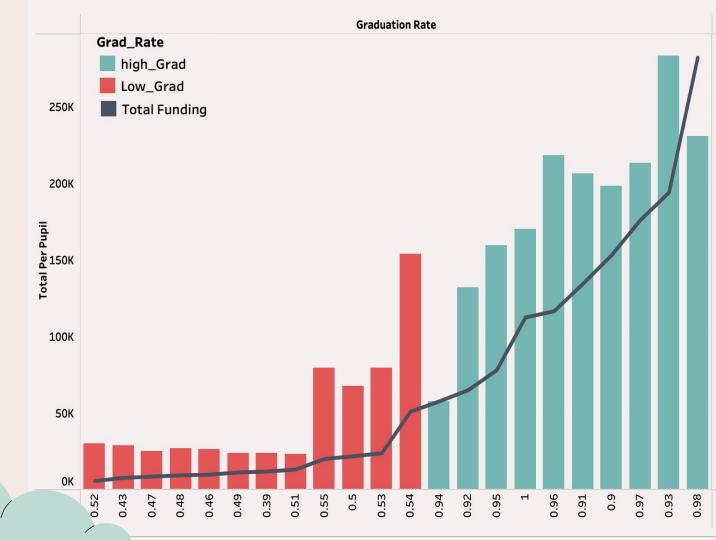






 Total Per Pupil and
Total Funding is generally higher for schools with higher graduation rate.





School Name	Graduation Rate	College Career Rate	income groups	Total Students	Total Per Pupil	Total_Funding
Bronx Career and C	0.43	0.29	<45k	254	\$28,754.79	low
Bronx Compass Hi	0.48	0.45	<60k	457	\$26,607.28	middle
Health Opportuniti	0.49	0.53	<45k	491	\$23,895.90	middle
High School for Me	0.46	0.35	<60k	408	\$25,981.67	middle
High School of Wor	0.39	0.21	<45k	448	\$23,446.71	middle
Longwood Prepara	0.5	0.29	<45k	199	\$32,260.04	middle
Metropolitan High	0.5	0.43	<45k	411	\$35.234.84	middle





Schools with low graduation and College career rate with low to Middle range funding and located in Low-income neighborhoods.



## **Grant These Schools**

Bronx Career & College Preparatory High School

Bronx Compass High School

**Health Opportunities High School** 

**High School of World Cultures** 

**High School for Media and Communications** 





# **Next Steps**

#### Data:

More data beyond just 2019

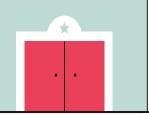
#### Research:

- More analysis
- Predictive modelling
- Model to deduce feature importance
- Features that grants could focus on

School Name	income groups	Total Students	Total Per Pupil	Graduation Rate	Advancedplacement Courses
Baruch College Campu	>100k	460	\$18,432.19	1	${\sf APBiology,APComparativeGovernmentandPolitics,APEnglishLanguageandComposition,APEnglish\dots}$
Eleanor Roosevelt Hig	>100k	541	\$19,709.00	1	$AP\ Art\ History,\ AP\ Biology,\ AP\ Calculus\ BC,\ AP\ Chemistry,\ AP\ Comparative\ Government\ and\ Politics,\ AP\ C$
High School for Dual L	<45k	396	\$19,905.65	1	$AP\ Biology,\ AP\ Calculus\ AB,\ AP\ Chemistry,\ AP\ English\ Language\ and\ Composition,\ AP\ Environmental\ Scie$
High School of World C	<45k	448	\$23,446.71	0.39	AP Environmental Science, AP Spanish



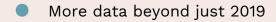






# **Next Steps**

#### Data:



School Name	income groups	Total Students	Total Per Pupil	Graduation Rate	Advancedplacement Courses
Baruch College Campu	>100k	460	\$18,432.19	1	AP Biology, AP Comparative Government and Politics, AP English Language and Composition, AP English
Eleanor Roosevelt Hig	>100k	541	\$19,709.00	1	AP Art History, AP Biology, AP Calculus BC, AP Chemistry, AP Comparative Government and Politics, AP C
High School for Dual L	<45k	396	\$19,905.65	1	AP Biology, AP Calculus AB, AP Chemistry, AP English Language and Composition, AP Environmental Scie
High School of World C	<45k	448	\$23,446.71	0.39	AP Environmental Science, AP Spanish





