**ESE**

The longitudinal demographic comparison data presented in the following four graphs is intended to provide context for the charter school’s recruitment and retention efforts. The set of displayed comparison schools includes the charter school of interest, and all of the public schools in the charter school’s region that serve at least one grade level of students which overlaps with the grade levels served by the charter school.[[1]](#footnote-1) All data displayed in these graphs is derived from ESE District and School Profiles (<http://profiles.doe.mass.edu/>).

The first four graphs provide comparison enrollment percentages for four different subgroups of students: first language not English, English language learners, low income, and students with disabilities. Each line on the graph represents the percentage of total school enrollment from 2010 to 2013 for a given school or set of schools. Data listed is displayed longitudinally across multiple years in line graph form, with:

* a solid **bold black** line representing subgroup enrollment in the charter school of interest;
* a dotted **green** line for the statewide average;
* a **blue** line for the district in which the charter school is located;
* a dotted **orange** line for the median[[2]](#footnote-2) enrollment percentage of the comparison schools; and
* **gray** lines for enrollment percentage in each individual comparison school.

The next two graphs summarize attrition rates[[3]](#footnote-3) in the aggregate and for the high needs[[4]](#footnote-4) subgroup. Please note that district percentages are not included since attrition at the district-level cannot be reasonably compared to attrition at the school-level.

**Important Notes:** Though comparisons of subgroup enrollment in a charter school to that of other public schools in a geographic area can provide some information to assess comparability of student populations, the subgroup composition of a charter school is not required to be a mirror image of its sending districts and region. Students choose to enroll or are assigned to the schools in a geographic region due to a variety of reasons and factors, including: the random lottery admissions requirement for charter schools, district assignment and programmatic placement decisions, parent choice, uneven distribution of families within a geographic region due to housing or wealth distribution patterns, and natural population variation, among many others. Charter schools are mandated to receive Department approval for a recruitment and retention plan to be reported on and updated annually. When deciding on charter renewal, the Commissioner and the Board of Elementary and Secondary Education must consider the extent to which the school has followed its recruitment and retention plan, using deliberate, targeted strategies to recruit and retain students in subgroups where enrollment has not been comparable, and whether the school has enhanced its plan as necessary. It is also important to note that it may take time for a charter school’s recruitment and retention efforts to be reflected in the aggregate demographic percentages given sibling preference for admission and a limited number of entry grades.

Atlantis Charter School (grades K-8)
School Location: Fall River
Establish 1995

Enrollment Demographics 
For English Language Learners

% of Total Enrollment
For Charter School:
2010 - 0.0
2011 - 0.0
2012 - 0.3
2013 - 0.3

Statewide Average:
2010 - 6.2
2011 - 7.1
2012 - 7.3
2013 - 7.7

Median:
2010 - 2.6
2011 - 3.1
2012 - 4.2
2013 - 5.7

School Location, Fall River:
2010 - 5.2
2011 - 5.4
2012 - 6.1
2013 - 7.1

Enrollment Demographics 
For First Language Not English

% of Total Enrollment
For Charter School:
2010 - 7.6
2011 - 16.7
2012 - 16.7
2013 - 16.1

Statewide Average:
2010 - 15.6
2011 - 16.3
2012 - 16.7
2013 - 17.3

Median:
2010 - 24.2
2011 - 22.7
2012 - 19.2
2013 - 17.8

School Location, Fall River:
2010 - 25.2
2011 - 23.8
2012 - 22.7
2013 - 22.0

Percent %

Percent %

Atlantis Charter School (grades K-8)
School Location: Fall River
Establish 1995

Enrollment Demographics 
For Low Income Students

% of Total Enrollment
For Charter School:
2010 - 54.8
2011 - 93.7
2012 - 60.6
2013 - 60.7

Statewide Average:
2010 - 32.9
2011 - 34.2
2012 - 35.2
2013 - 37.0

Median:
2010 - 81.9
2011 - 83.6
2012 - 83.0
2013 - 84.1

School Location, Fall River:
2010 - 74.6
2011 - 76.6
2012 - 78.3
2013 - 77.9

Enrollment Demographics 
For Students with Disabilities

% of Total Enrollment
For Charter School:
2010 - 12.3
2011 - 13.1
2012 - 12.2
2013 - 11.5

Statewide Average:
2010 - 17.0
2011 - 17.0
2012 - 17.0
2013 - 17.0

Median:
2010 - 17.6
2011 - 20.9
2012 - 21.1
2013 - 21.8

School Location, Fall River:
2010 - 18.3
2011 - 20.0
2012 - 20.8
2013 - 22.4

Percent %

Percent %

Atlantis Charter School (grades K-8)
School Location: Fall River
Establish 1995

Attrition Rates 
For All Students

% of Total Enrollment
For Charter School:
2010 - 3.6
2011 - 2.0
2012 - 2.3
2013 - 4.0

Statewide Average:
2010 - 8.7
2011 - 8.7
2012 - 8.7
2013 - 8.8

Attrition Rates 
For High Needs Students

% of Total Enrollment
For Charter School:
2010 - 3.5
2011 - 2.8
2012 - 2.4
2013 - 5.0

Statewide Average:
2010 - 10.6
2011 - 10.4
2012 - 10.3
2013 - 10.4

Percent %

Percent %

Atlantis Charter School (grades K-8)
School Location: Fall River
Establish 1995

Composite Performance Index (CPI):
ELA CPI
For All students
2009        87.1
2010        86.9
2011        88.1
2012        88.3
2013        87.5

ELA CPI
For High Needs Students
2009       84.5
2010       83.6
2011       84.5
2012       85.2
2013       85.0

MATH CPI
For All Students
2009       75.1
2010       74.1
2011       76.5
2012       81.7
2013       82.2

MATH CPI
For High Needs Students
2009        70.3
2010        68.3
2011        72.3
2012        77.6
2013        79.2

SCIENCE CPI
For All Students
2009       77.6
2010       78.4
2011       75.7
2012       78.1
2013       74.7

SCIENCE CPI
For High Needs Students
2009        70.5
2010        75.0
2011        72.7
2012        73.9
2013        71.0

STUDENT GROWTH PERCENTILE (SGP):
ELA SGP
For All Students
2009        56.0
2010        49.0
2011        49.0
2012        49.0
2013        50.0

ELA SGP
For High Needs Students
2009         57.0
2010         49.0
2011         47.0
2012         47.0
2013         49.0

MATH SGP
For All Students
2009        60.0
2010        48.0
2011        55.5
2012        69.5
2013        53.0

MATH SGP
For High Needs Students
2009        56.0
2010        45.0
2011        56.5
2012        66.0
2013        52.0

ACCOUNTABILITY DATA:

School Level
2012     Level 1
2013     Level 1

School Percentile
2012     63
2013     63

PPI - Aggregate
2012     89
2013     75

PPI - High needs
2012     93
2013     79

INDICATORS

Student Attendance:
2009     94.9
2010     94.5
2011     95.2
2012     95.6
2013     95.1

Total Enrollment:
2009     702
2010     733
2011     742
2012     731
2013     759

Selected population:
Low Income
2009     48%
2010     55%
2011     94%
2012     61%
2013     61%

English language learners
2009     0%
2010     0%
2011     0%
2012     0%
2013     0%

Student with disabilities
2009     14%
2010     12%
2011     13%
2012     12%
2013     11%

Race/Ethnicity:
African American/Black
2009     4%
2010     4%
2011     4%
2012     4%
2013     4%

Asian
2009     2%
2010     3%
2011     3%
2012     2%
2013     3%

Hispanic
2009     5%
2010     6%
2011     6%
2012     6%
2013     6%

White
2009     85%
2010     84%
2011     85%
2012     84%
2013     84%

Atlantis Charter School (Located in Fall River)
5-year Financial Summary

1. Current Ratio
is a measure of operational efficiency and short-term financial health. CR is calculated as current assets divided by current liabilities.
FY09 low risk 6.4x
FY10 low risk 8.3x
FY11 low risk 10.9x
FY12 low risk 10.3x
FY13 low risk 9.9x
5 Year AVG low risk 9.2x
FY12 MA AVG low risk 3.0x
      
2. Unrestricted Days Cash
indicates how many days a school can pay its expenses without another inflow of cash. Calculated as Cash and Cash Equivalents divided by (Total Expenses/365).
 
FY09 Low Risk 242 days
FY10 Low Risk 232 days
FY11 Low Risk 200 days
FY12 Low Risk 213 days
FY13 Low Risk 240 days
5 Year AVG Low Risk 226 days
FY12 MA AVG Low Risk 134 days

3. Percentage of Program Paid by Tuition
measures the percentage of the schools total expenses that are funded entirely by tuition. Calculated as (Tuition + In-Kind Contributions) divided by Total Expenses.
 
FY09 Moderate Risk 87%
FY10 Moderate Risk 88%
FY11 Moderate Risk 89%
FY12 Moderate Risk 88%
FY13 Moderate Risk 86%
5 Year AVG Moderate Risk 88%
FY12 MA AVG Moderate Risk 87%

4. Percentage of Program Paid by Tuition & Federal Grants
measures the percentage of the schools total expenses that are funded entirely by tuition and federal grants. Calculated as (Tuition + In-Kind Contributions + Federal Grants) divided by Total Expenses.

FY09 Low Risk 93%
FY10 Low Risk 95%
FY11 Low Risk 97%
FY12 Low Risk 96%
FY13 Low Risk 93%
5 Year AVG Low Risk 95%
FY12 MA AVG Low Risk 95%

5. Percentage of Total Revenue Expended on Facilities
measures the percentage of Total Revenue spent on Operation & Maintenance and Non-Operating Financing Expenses of Plant. Calculated as Operation & Maintenance plus Non-Operating Financing Expenses of Plant divided by Total Revenues.

FY09 Low Risk 12%
FY10 Low Risk 11%
FY11 Low Risk 7%
FY12 Low Risk 8%
FY13 Low Risk 12%
AVG Low Risk 10%
FY12 MA AVG Moderate Risk 16%

6. Change in Net Assets Percentage
measures a school's cash management efficiency. Calculated as Change in Net Assets divided by Total Revenue. 
 
FY09 Low Risk 2.6%
FY10 Low Risk 2.4%
FY11 Low Risk 3.6%
FY12 Low Risk 1.8%
FY13 Low Risk 1.5%
5 Year AVG Low Risk 2.4%
FY12 MA AVG Low Risk 2.3%

7. Debt to Asset Ratio
measures the extent to which the school relies on borrowed funds to finance its operations. Calculated as Total Liabilities divided by Total Assets.
 
FY09 Low Risk 0.08x
FY10 Low Risk 0.09x
FY11 Low Risk 0.07x
FY12 Low Risk 0.07x
FY13 Low Risk 0.08x
5 Year AVG Low Risk 0.08x
FY12 MA AVG Low Risk 0.56x

Enrollment 
FY09 702
FY10 733
FY11 742
FY12 731
FY13 759
5 Year AVG  733
FY12 MA AVG 425

Total Net Assets 
FY09  $8,049,871 
FY10  $8,540,987 
FY11  $9,328,091 
FY12  $9,906,704
FY13  $9,678,421
5 Year AVG  $9,100,815 
FY12 MA AVG  $5,803,479

Total Expenditures 
FY09  $7,839,733
FY10  $8,335,659
FY11  $8,988,022
FY12  $9,732,160
FY13  $9,529,562
5 Year AVG  $8,885,027
FY12 MA AVG  $5,680,723

Total Net Assets
FY09 $10,018,085
FY10 $10,223,405
FY11 $10,563,474
FY12 $10,738,019
FY13 $10,886,878
5 Year AVG $10,485,972
FY12 MA AVG $2,966,351

Audit Indicator
A. Did the audit include an unqualified opinion?
FY09 Yes
FY10 Yes
FY11 Yes
FY12 Yes
FY13 Yes

B. Is the audit free of findings of Material Weakness?
FY09 Yes
FY10 Yes
FY11 Yes
FY12 Yes
FY13 Yes

C. Is the audit free of findings of Significant Deficiency?
FY09 Yes
FY10 No
FY11 Yes
FY12 No
FY13 No

D. Is the audit free of Instances of Noncompliance under GAS?
FY09 Yes
FY10 No
FY11 Yes
FY12 No
FY13 No

E. Is the audit free of Questioned Costs?
FY09 Yes
FY10 Yes
FY11 Yes
FY12 Yes
FY13 Yes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Financial Metric Definitions** | | **Low Risk** | **Moderate Risk** | **Potentially High Risk** |
| **1. Current Ratio** | *Current Ratio is a measure of operational efficiency and short-term financial health. CR is calculated as current assets divided by current liabilities.* | >= 1.5 | Between 1.0 (inclusive) and 1.5 | < 1.0 |
| **2. Unrestricted Days Cash** | *The unrestricted days cash on hand ratio indicates how many days a school can pay its expenses without another inflow of cash. Calculated as Cash and Cash Equivalents divided by (Total Expenses/365).* | >= 90 days | Between 60 (inclusive) and 90 days | < 60 days |
| **3. Percentage of Program Paid by Tuition** | *This measures the percentage of the schools total expenses that are funded entirely by tuition. Calculated as (Tuition + In-Kind Contributions) divided by Total Expenses (expressed as a percentage). Note: In-Kind Contribution are added to the numerator in this ratio to balance out In-Kind Expenditures which will be captured in the Total Expenses in the denominator.* | >= 90% | Between 75% (inclusive) and 90% | < 75% |
| **4. Percentage of Program Paid by Tuition & Federal Grant** | *This measures the percentage of the schools total expenses that are funded entirely by tuition. Calculated as (Tuition + In-Kind Contributions + Federal Grants) divided by Total Expenses (expressed as a percentage). Note: In-Kind Contribution are added to the numerator in this ratio to balance out In-Kind Expenditures which will be captured in the Total Expenses in the denominator.* | >= 90% | Between 75% (inclusive) and 90% | < 75% |
| **5. Percentage of Total Revenue Expended on Facilities** | *This measures the percentage of Total Revenue that is spent on Operation & Maintenance and Non-Operating Financing Expenses of Plant. Calculated as Operation & Maintenance plus Non-Operating Financing Expenses of Plant divided by Total Revenues (expressed as a percentage).* | <= 15% | Between 15% and 30% (inclusive) | > 30% |
| **6. Change in Net Assets Percentage** | *This measures a school's cash management efficiency. Calculated as Change in Net Assets divided by Total Revenue (Expressed as a percentage).* | Positive % | Between -2% (inclusive) and 0% | < -2% |
| **7. Debt to Asset Ratio** | *Measures the extent to which the school relies on borrowed funds to finance its operations. Calculated as Total Liabilities divided by Total Assets.* | <= .9 | Between .9 and 1 (inclusive) | > 1 |
| **FY12 MA AVG Column** | *All financial indicated in this column are a results of each ratio calculated using statewide totals. For Enrollment, Total Net Assets and Total Expenditures rows, these numbers are averages using statewide totals of charter schools’ data.* |  | | |

1. 1 The names of each of these schools and additional subgroup detail can be found in the Charter Analysis and Review Tool (CHART), expected to available early in 2014 and upon request. For a charter school that draws more than 20% of its students from a district outside the districts specified in its charter, comparison schools from these districts are also included. This only occurs with two schools located in Cambridge which draw more than 20% of their students from Boston. [↑](#footnote-ref-1)
2. The midpoint value of all the comparison schools for the percent of students enrolled. [↑](#footnote-ref-2)
3. 3 The percentage of attrition, or rate at which enrolled students leave the school between the end of one school year and the beginning of the next. [↑](#footnote-ref-3)
4. 4 A student is *high needs* if he or she is designated as either low income, or ELL, or former ELL, or a student with disabilities. A former ELL student is a student not currently an ELL, but had been at some point in the two previous academic years. [↑](#footnote-ref-4)