# Data Dictionary Massachusetts schools

| Column Name | Data Type | Description / Notes |
|---|---|---|
| School Code | String / Integer | Unique identifier for the school |
| School Name | String | Name of the school |
| School Type | String | Public, Private, Charter, etc. |
| Address 1 | String | Primary street address |
| Town | String | Municipality name |
| State | String | Two-letter state code (e.g., MA) |
| Zip | String / Integer | ZIP code (5-digit) |
| Latitude | Float | Geographic latitude of school |
| Longitude | Float | Geographic longitude of school |
| Grade | String | Grades served (PK, K, 01–12) |
| District Name | String | School district name |
| PK_Enrollment to 12_Enrollment | Integer | Number of students enrolled in each grade |
| SP_Enrollment | Integer | Special programs enrollment (special education, etc.) |
| TOTAL_Enrollment | Integer | Total students enrolled |
| First Language Not English | Integer | Count of students whose first language is not English |
| % First Language Not English | Float | Percentage of students whose first language is not English |
| English Language Learner | Integer | Count of ELL students |
| % English Language Learner | Float | Percentage of ELL students |

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|---|---|---|
| Students With Disabilities | Integer | Count of students with disabilities |
| % Students With Disabilities | Float | Percentage of students with disabilities |
| High Needs | Integer | Count of students classified as high needs |
| % High Needs | Float | Percentage of students classified as high needs |
| Economically Disadvantaged | Integer | Count of students eligible for free/reduced lunch |
| % Economically Disadvantaged | Float | Percentage of students economically disadvantaged |
| % African American | Float | Percentage of students who are African American |
| % Asian | Float | Percentage of students who are Asian |
| % Hispanic | Float | Percentage of students who are Hispanic |
| % White | Float | Percentage of students who are White |
| % Native American | Float | Percentage of students who are Native American |
| % Native Hawaiian, Pacific Islander | Float | Percentage of students who are Native Hawaiian / Pacific Islander |
| % Multi-Race, Non-Hispanic | Float | Percentage of students of multiple races, non-Hispanic |
| % Males | Float | Percentage of male students |
| % Females | Float | Percentage of female students |
| Total # of Classes | Integer | Number of classes offered at the school |
| Average Class Size | Float | Average number of students per class |
| Number of Students | Integer | Total student count (may duplicate TOTAL_Enrollment) |
| Salary Totals | Float | Total salaries of staff ($) |
| Average Salary | Float | Average salary of staff ($) |
| FTE Count | Float | Full-time equivalent staff count |

| Field | Type | Description |
|---|---|---|
| In-District Expenditures | Float | Total expenditures within district ($) |
| Total In-district FTEs | Float | Total FTEs used for in-district expenditures |
| Average In-District Expenditures per Pupil | Float | Dollars spent per student |
| Total Expenditures | Float | Total school expenditures ($) |
| Total Pupil FTEs | Float | Total full-time equivalent students for expenditures |
| Average Expenditures per Pupil | Float | Dollars spent per student |
| # in Cohort | Integer | Number of students in a specific cohort (e.g., graduating class) |
| % Graduated | Float | Percentage of cohort that graduated |
| % Still in School | Float | Percentage of cohort still enrolled |
| % Non-Grad Completers | Float | Percentage of cohort who completed non-traditional program |
| % GED | Float | Percentage of cohort earning GED |
| % Dropped Out | Float | Percentage of cohort who dropped out |
| % Permanently Excluded | Float | Percentage of cohort expelled |
| High School Graduates (#) | Integer | Count of graduates |
| Attending Coll./Univ. (#) | Integer | Count of graduates attending college/university |
| % Attending College | Float | Percentage of graduates attending college |
| % Private Two-Year | Float | Percentage attending private 2-year college |
| % Private Four-Year | Float | Percentage attending private 4-year college |
| % Public Two-Year | Float | Percentage attending public 2-year college |
| % Public Four-Year | Float | Percentage attending public 4-year college |
| % MA Community College | Float | Percentage attending Massachusetts community college |

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|---|---|---|
| `% MA State University` | Float | Percentage attending Massachusetts state university |
| `% UMass` | Float | Percentage attending University of Massachusetts |
| `AP_Test Takers` | Integer | Number of students taking AP tests |
| `AP_Tests Taken` | Integer | Total AP tests taken |
| `AP_One Test` to `AP_Five or More Tests` | Integer | Number of students taking 1–5+ AP tests |
| `AP_Score=1` to `AP_Score=5` | Integer | Count of AP exams with score 1–5 |
| `% AP_Score 1-2` | Float | Percentage of AP exams scoring 1–2 |
| `% AP_Score 3-5` | Float | Percentage of AP exams scoring 3–5 |
| `SAT_Tests Taken` | Integer | Number of SAT tests taken |
| `Average SAT_Reading` | Float | Average SAT reading score |
| `Average SAT_Writing` | Float | Average SAT writing score |
| `Average SAT_Math` | Float | Average SAT math score |
| `Accountability and Assistance Level` | String | School-level accountability classification (Level 1–3) |
| `Accountability and Assistance Description` | String | Text description of accountability level |
| `School Accountability Percentile (1-99)` | Integer | Percentile rank of school statewide |
| `Progress and Performance Index (PPI) - All Students` | Float | PPI score for all students |
| `Progress and Performance Index (PPI) - High Needs Students` | Float | PPI score for high needs students |
| `District_Accountability and Assistance Level` | String | District-level accountability classification |
| `District_Accountability and Assistance Description` | String | Text description of district-level accountability |

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|---|---|---|
| `District_Progress and Performance Index (PPI) - All Students` | Float | District PPI for all students |
| `District_Progress and Performance Index (PPI) - High Needs Students` | Float | District PPI for high needs students |
| `MCAS_<Grade>_Math_*` / `MCAS_<Grade>_English_*` | Integer / Float | Massachusetts state standardized test results by grade and subject |

**By grade**: 3rd, 4th, 5th, 6th, 7th, 8th, 10th

**By subject**: English, Math (sometimes Science, depending on the file)

**By performance level**:

- `W/F` = Warning/Fail

- `NI` = Needs Improvement

- `P` = Proficient

- `A` = Advanced

- `P+A` = Proficient or Advanced (combined)