### COURSES

#### Non-Virtual Performance

- **Mathematics**: 69% of students passed their non-virtual courses, compared to 63% for virtual courses.
- **Science**: 76% of students passed their non-virtual courses, compared to 68% for virtual courses.
- **Reading**: 31% of students passed their non-virtual courses, compared to 19% for virtual courses.
- **Writing**: 51% of students passed their non-virtual courses, compared to 33% for virtual courses.

#### Virtual Learners Characteristics

- **59%** of students were from schools with at least 1 virtual enrollment.
- **62%** of public school academies had at least 1 virtual enrollment.
- **100 local education agencies** had at least 1 virtual enrollment.

### Pass Rate

- **Overall Pass Rate**: 58% for virtual learners compared to **97%** for non-virtual learners.
  - **English Language & Literature**: 54% for virtual, 83% for non-virtual.
  - **Mathematics**: 52% for virtual, 89% for non-virtual.
  - **Science, Math & Physical Sciences**: 57% for virtual, 97% for non-virtual.

### Virtual Learner Facts

- **100%** of public schools took at least 1 virtual course.
- **81%** of public schools took at least 1 non-virtual course.
- **83%** of public school students were enrolled in at least 1 virtual course.
- **54%** of students were enrolled in at least 1 virtual course.

### Key Findings from Michigan's K-12 Virtual Learning Effectiveness Report 2015-16

- **88%** of schools with virtual learners had a schoolwide virtual pass rate of 90-100%.
- **75%** of virtual enrollments came from virtual schools.
- **25%** of virtual enrollments came from schools with at least 1 virtual enrollment.
- **73%** of students who took virtual courses had a schoolwide virtual pass rate of 90-100%.
- **22%** of virtual courses were from public school academies.
- **97%** of virtual learners were from public schools.
- **75%** of virtual learners were from local education agencies (LEAs).
- **28%** of virtual learners were from charter schools.
- **29%** of virtual learners were from other schools.
- **54%** of virtual learners were from schools with at least 1 virtual enrollment.
- **62%** of public school academies had at least 1 virtual enrollment.
- **100 local education agencies** had at least 1 virtual enrollment.
- **68%** of virtual enrollments came from virtual schools.
- **75%** of virtual enrollments came from schools with at least 1 virtual enrollment.

### Virtual Learner Impact

- **20%** of virtual learners attended a full-time virtual school.
- **53%** of virtual learners叠加ed a blended learning environment.

### Virtual Learner Enrollment

- **453,570** virtual enrollments were taken by Michigan K-12 students.
- **6%** of Michigan K-12 students were virtual learners.
- **87%** of virtual learners were in high school.
- **32%** of students were seniors.

### Virtual Learner Achievement

- **66%** of virtual learners passed all their virtual courses.
- **59%** of virtual learners passed all their non-virtual courses.
- **22%** of virtual learners took at least 1 AP course.
- **28%** of virtual learners took at least 1 online course.

### Social Science & History

- **59%** of virtual enrollments came from schools with at least 1 virtual enrollment.
- **88%** of virtual enrollments came from LEA schools.
- **66%** of virtual enrollments came from K-12 schools.
- **52%** of LEA schools had at least 1 virtual enrollment.
- **73%** of LEA schools had at least 1 virtual learner.