

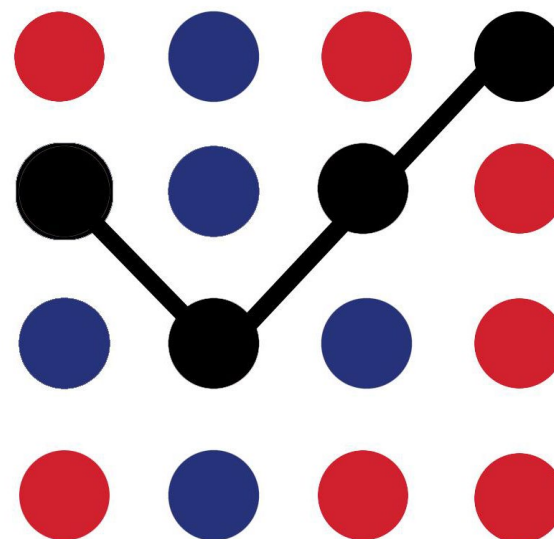
**ASSESSMENT  
& SYSTEM PERFORMANCE**



Coeur d'Alene Public Schools  
**High School Comparison Data | May 17, 2021**  
**As Requested by Trustee Casey Morrisroe**

Michael S. Nelson, Ph.D. | [msnelson@cdaschools.org](mailto:msnelson@cdaschools.org)

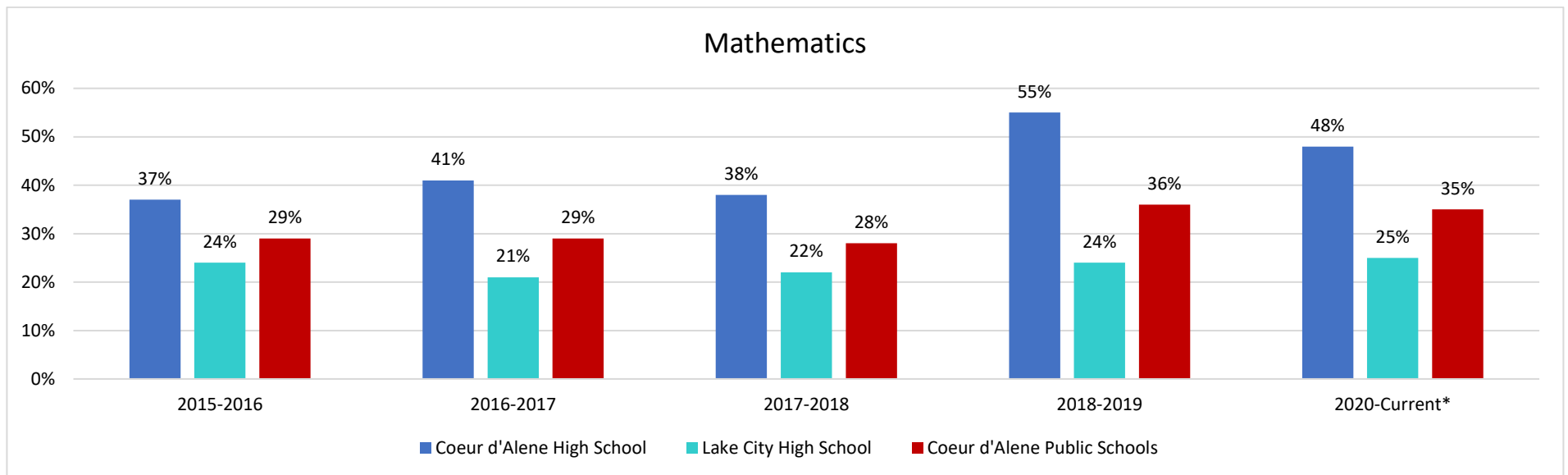
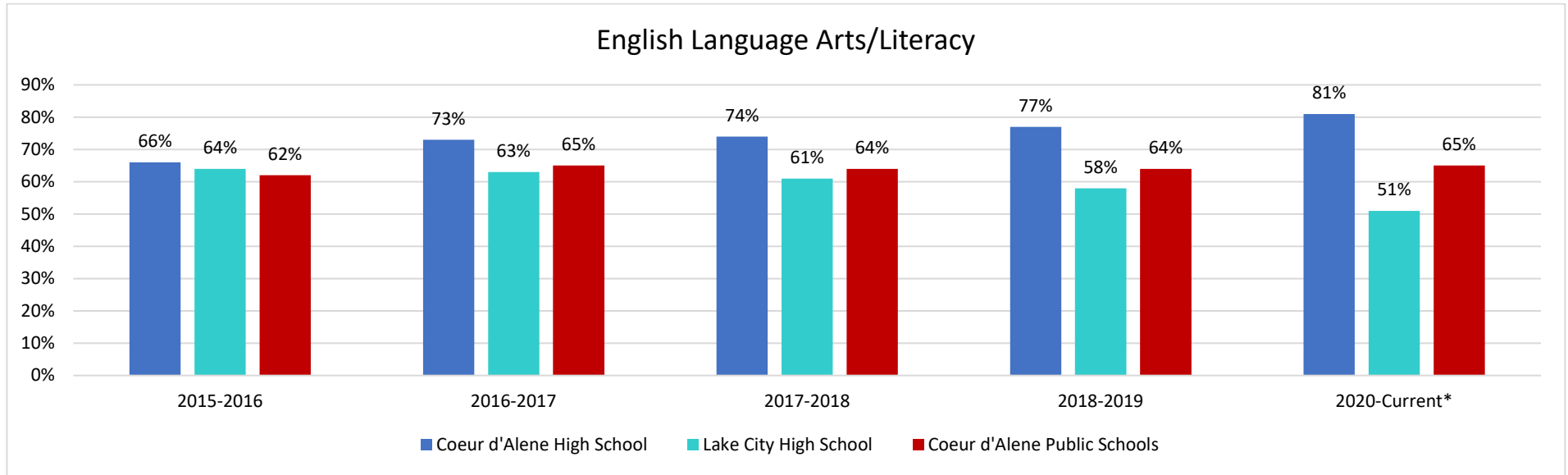
# 1



## State Assessments

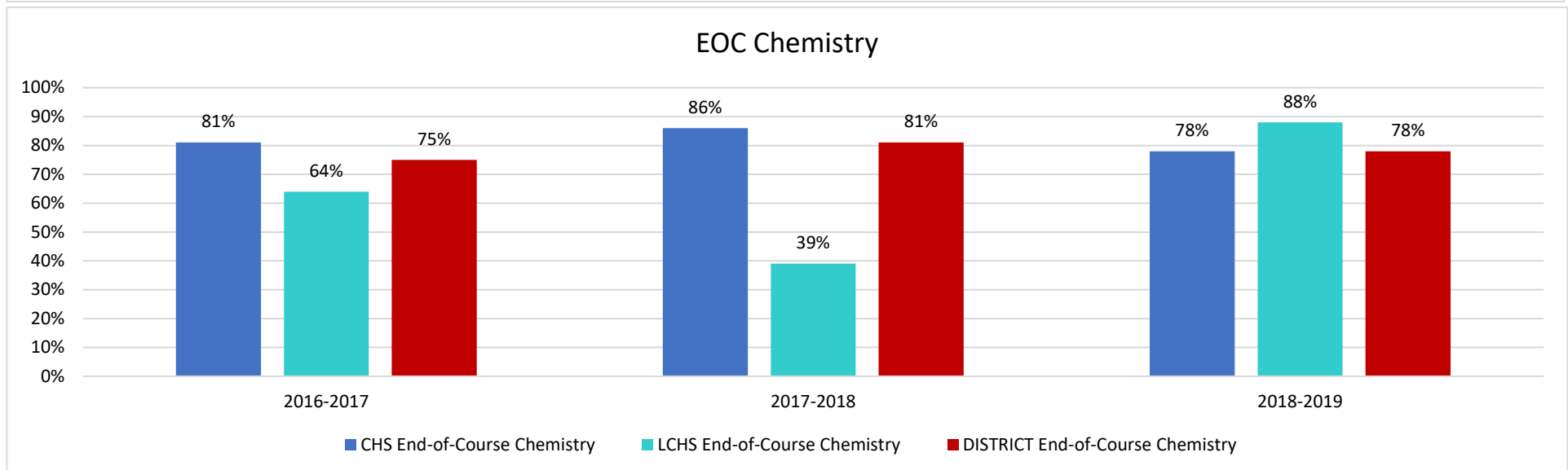
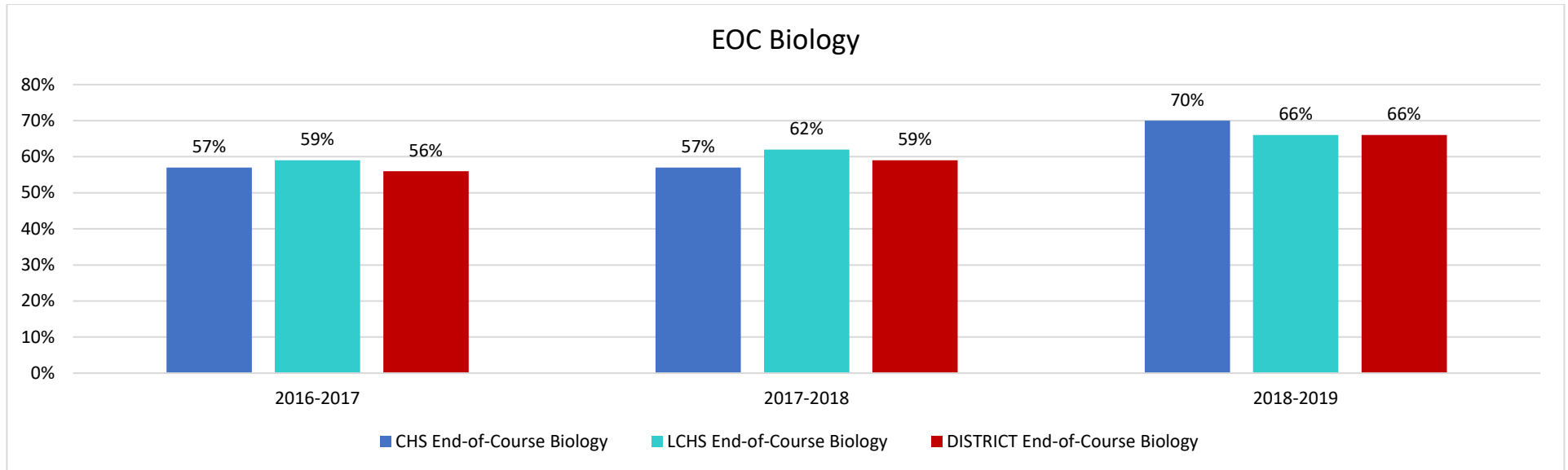
## Idaho Standards Achievement Tests by Smarter Balanced for Last 4 years by Subject

The Idaho Standards Achievement Tests provided by Smarter Balanced for English language arts/literacy and mathematics are an 11<sup>th</sup> grade exit exam administered in grade 10 in our state. There were no exams given in the 2019-2020 school year. Results for the 2020-2021 school year were collected on May 3, 2021 and includes students enrolled in Coeur d'Alene eSchool.\*



## Idaho Standards Achievement Tests in Science for Last 4 Years

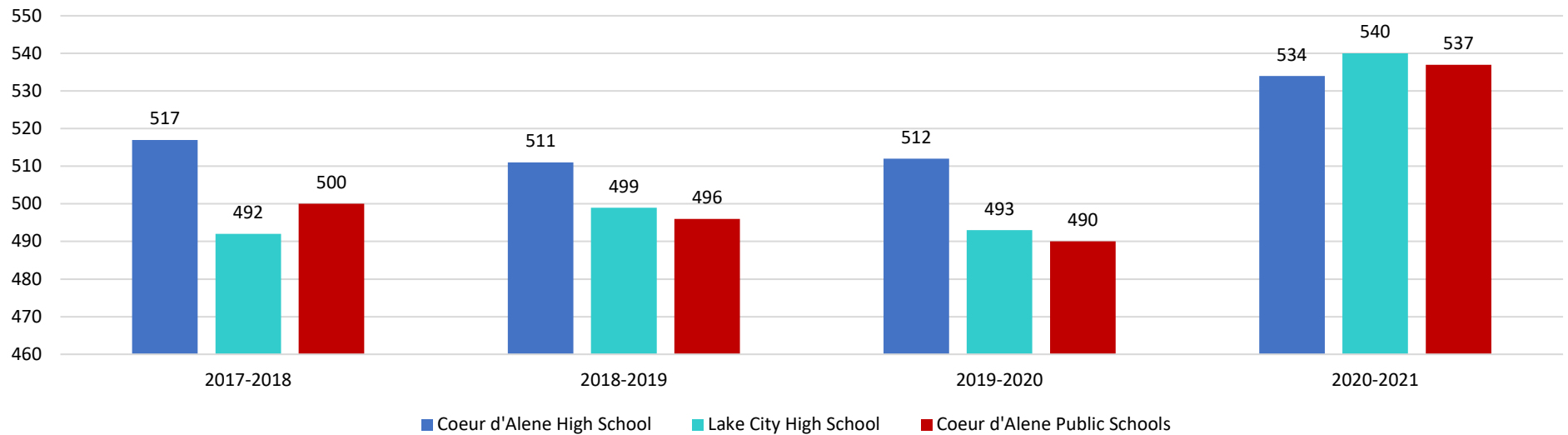
The ISAT in Science has undergone quite a few changes in the last five years. From 2016-2017, the exam was a statewide “end of course” exam in either biology or chemistry taken by students in grade 10. Beginning with the 2019-2020 (delayed to SY2021) school year, the state has created a new ISAT Science assessment to be delivered at grade 11. The first examinations are considered a field test and no results will be available this school year.



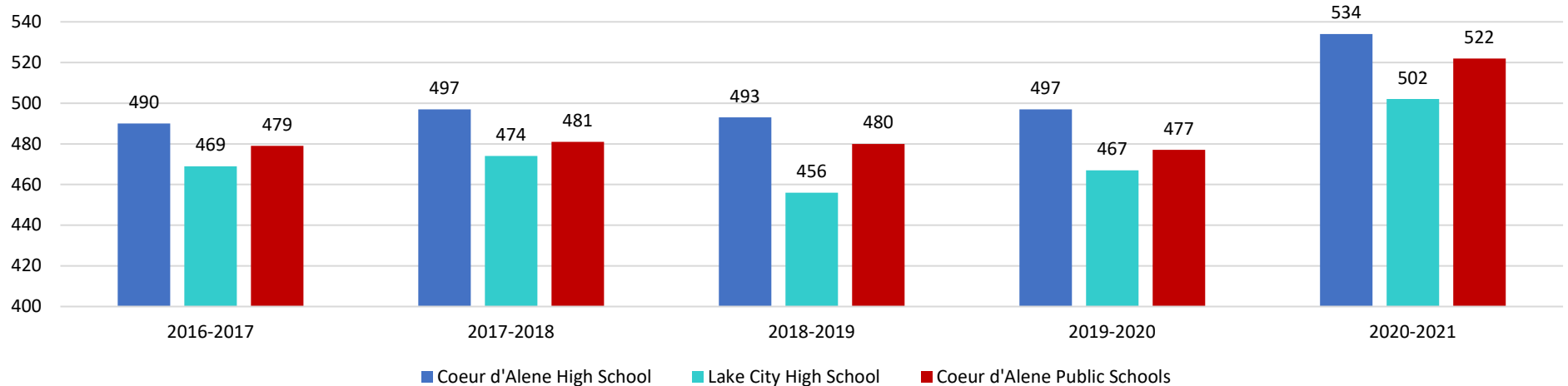
## Preliminary SAT/National Merit Student Qualifying Tests for Last 4 years by Subject

Students in Coeur d'Alene Public Schools have been taking the PSAT/NMSQT in the fall for the past 8 years. In that time, the exam has been rewritten to more closely align to the SAT, the college entrance exam taken by most students in the district. In the 2020-2021 school year, the PSAT/NSMQT was offered to Sophomores and Juniors on a Saturday or school day and not assigned to all students as has been the previous practice. Results presented include both administrations.

### PSAT/NSMQT: Evidence-based Reading and Writing | Grade 11

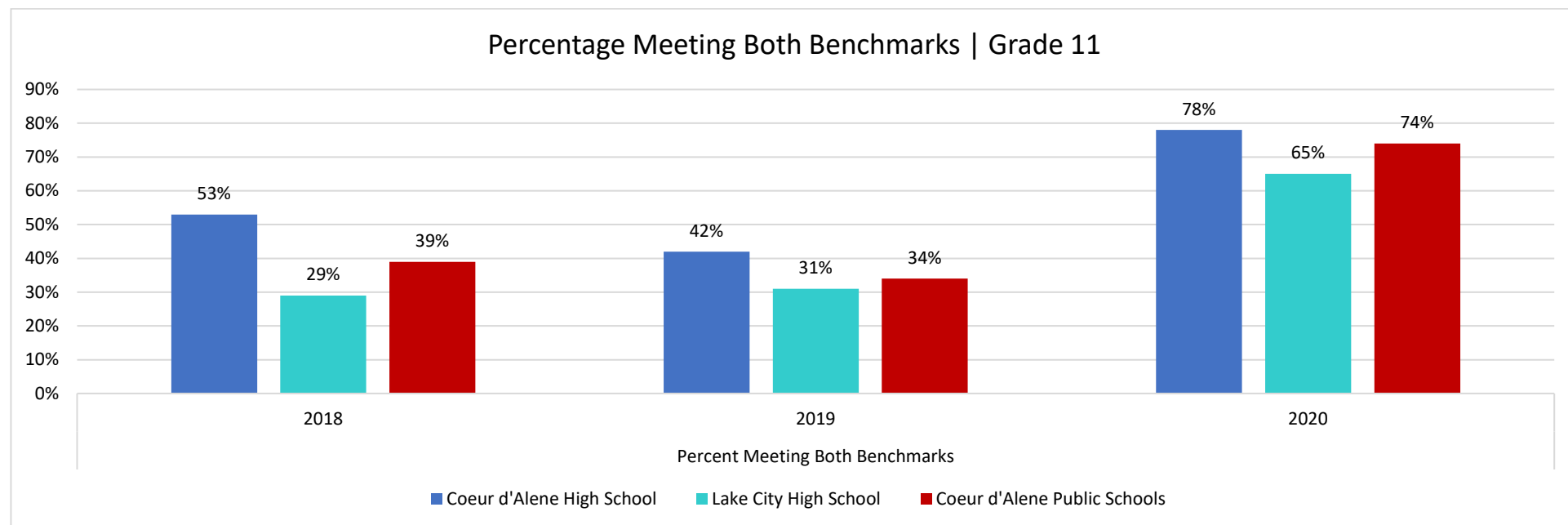


### PSAT/NSMQT: Mathematics | Grade 11

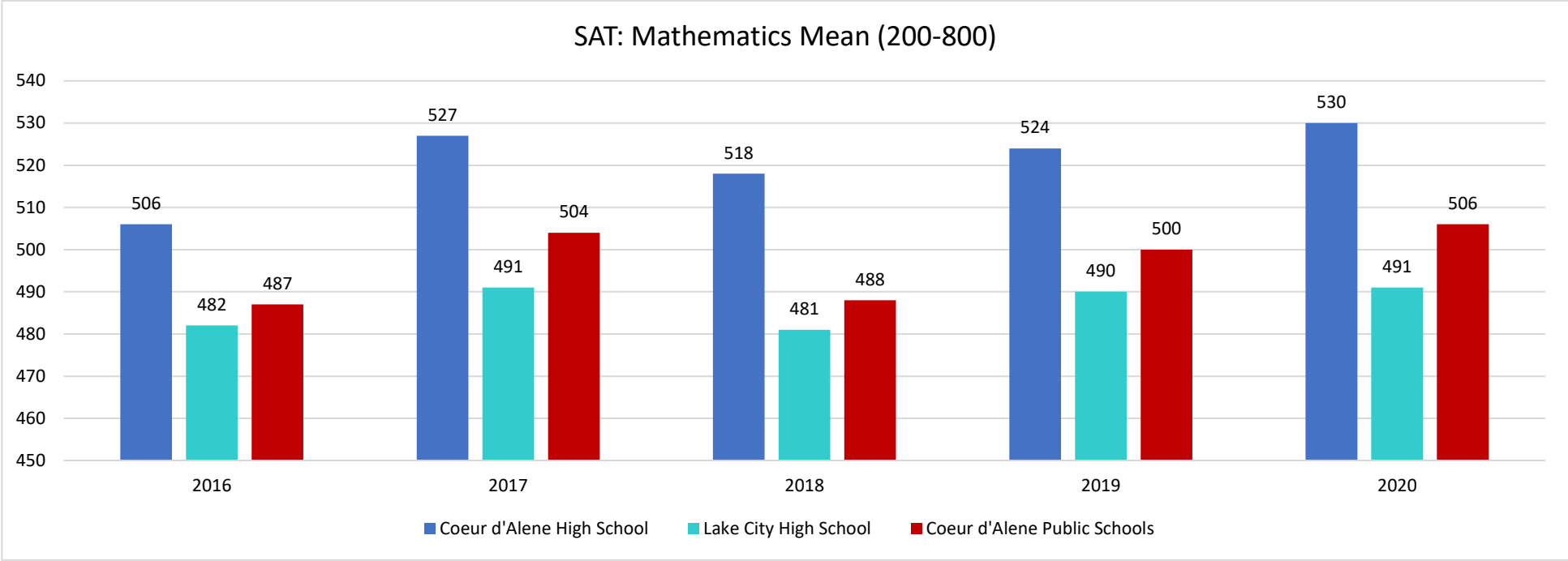
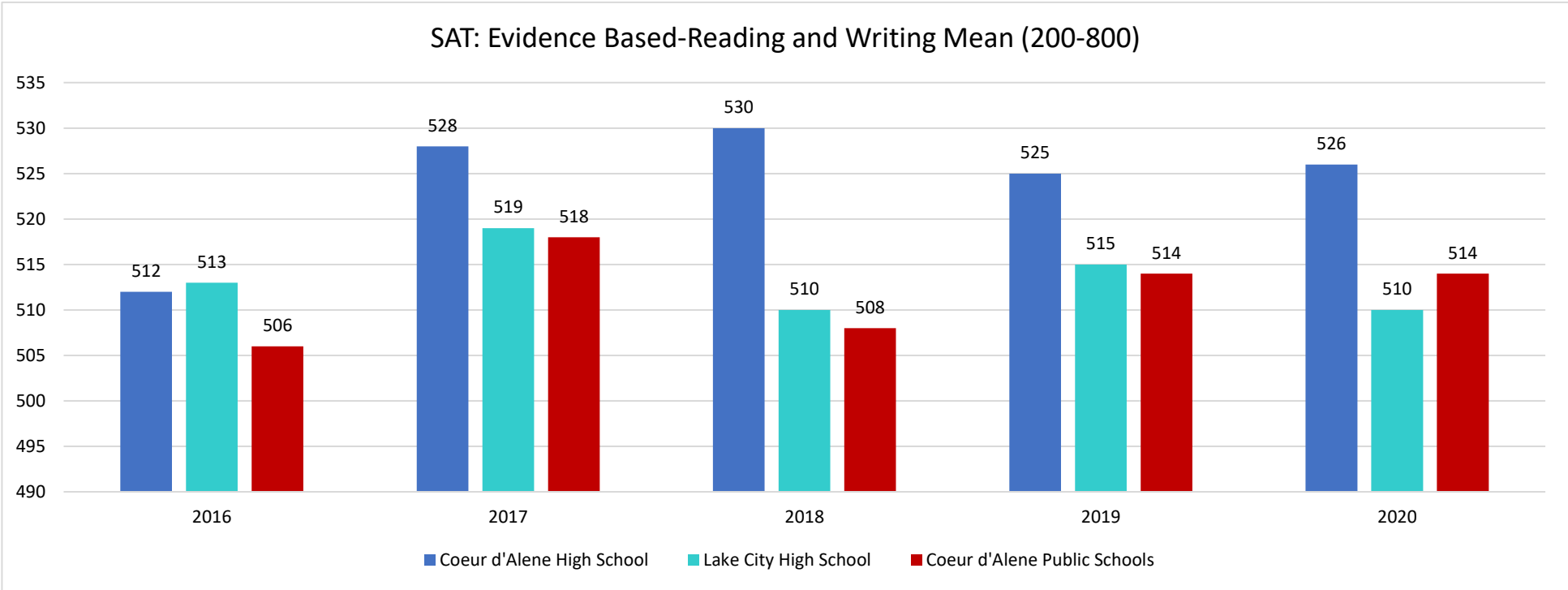


Each assessment in the SAT Suite has an associated set of metrics called the college and career readiness benchmarks. These benchmarks are based on actual student success in entry-level college courses. Benchmarks are set at the section level (Math, Evidence-Based Reading and Writing) for each assessment and represent increasing levels of achievement as students progress from grade eight through grade 12. The SAT benchmark scores represent a 75% likelihood of a student achieving at least a C grade in a first-semester, credit-bearing college course in a related subject. Years presented are the calendar year when exam was taken.

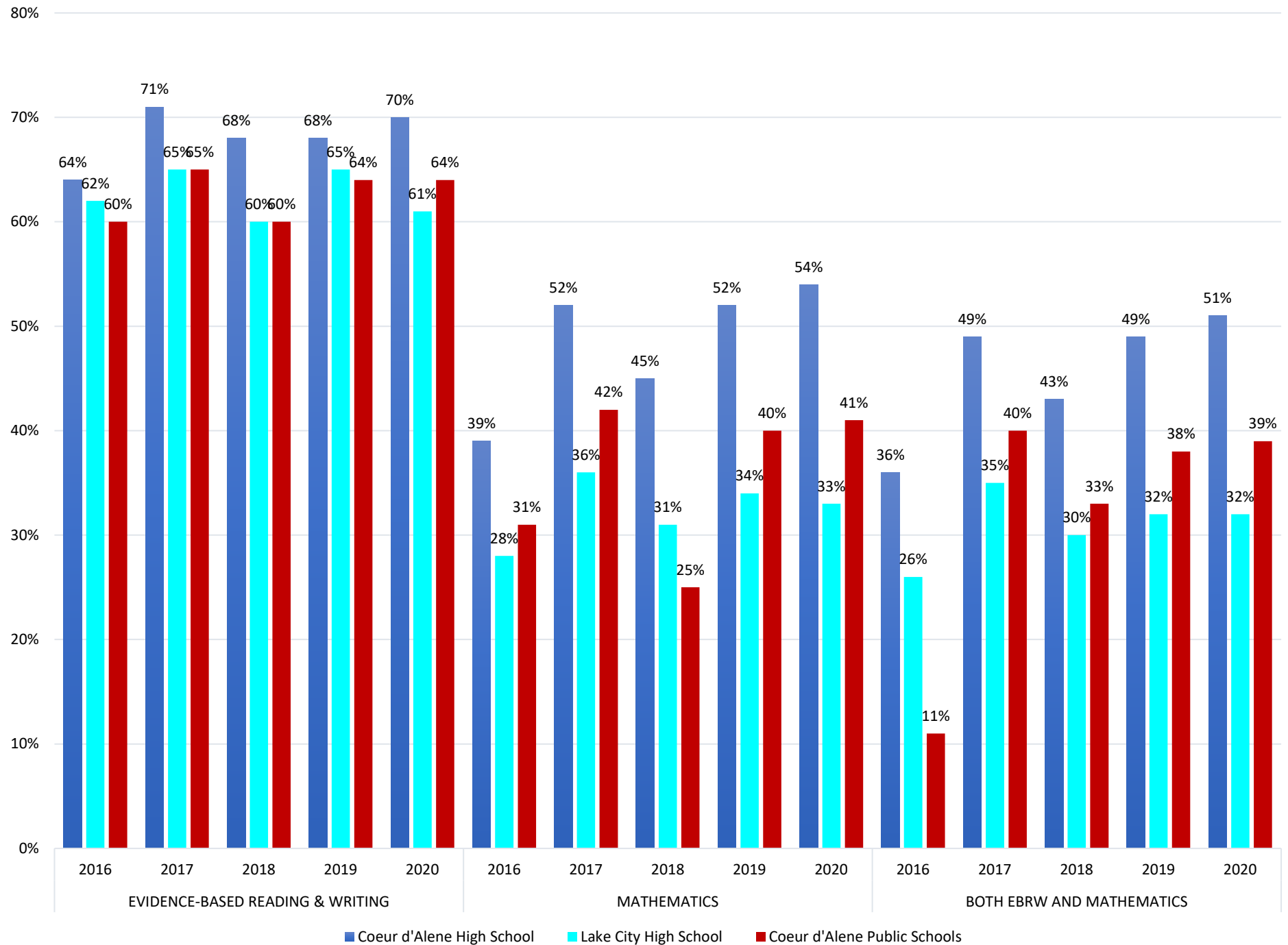
	GR	Percent Meeting Both Benchmarks			Percent Meeting Evidence-based Reading and Writing Benchmark			Percent Meeting Mathematics Benchmark			Percent Meeting No Benchmarks		
		2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
CHS	10	53%	42%	<b>78%</b>	75%	64%	<b>90%</b>	56%	44%	<b>80%</b>	22%	34%	<b>8%</b>
	11	43%	40%	<b>67%</b>	72%	70%	<b>91%</b>	44%	43%	<b>68%</b>	27%	27%	<b>8%</b>
LCHS	10	29%	31%	<b>65%</b>	59%	61%	<b>97%</b>	32%	33%	<b>65%</b>	38%	37%	<b>3%</b>
	11	31%	27%	<b>56%</b>	65%	62%	<b>84%</b>	33%	27%	<b>58%</b>	34%	37%	<b>15%</b>
VHS	10	0%	8%	~	21%	18%	~	0%	8%	~	79%	82%	~
	11	0%	0%	~	31%	23%	~	0%	0%	~	69%	77%	~
SD271	10	39%	34%	<b>74%</b>	65%	60%	<b>92%</b>	41%	37%	<b>75%</b>	32%	38%	<b>6%</b>
	11	35%	31%	<b>63%</b>	66%	64%	<b>89%</b>	36%	33%	<b>64%</b>	33%	34%	<b>10%</b>



**SAT Comparison for Last 4 Years by Subject**



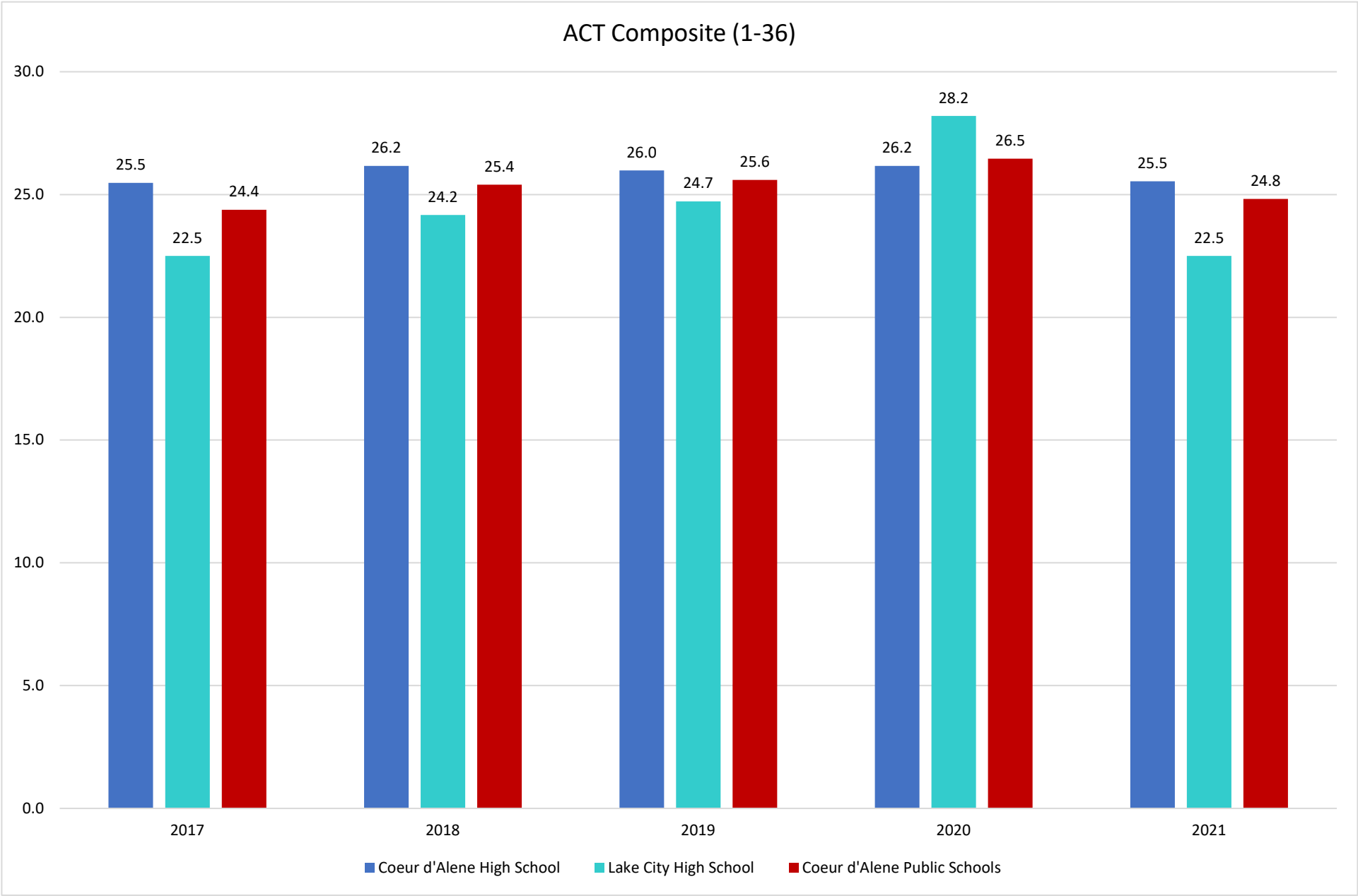
# SAT Schoolday: Percent Meeting College and Career Readiness Benchmarks



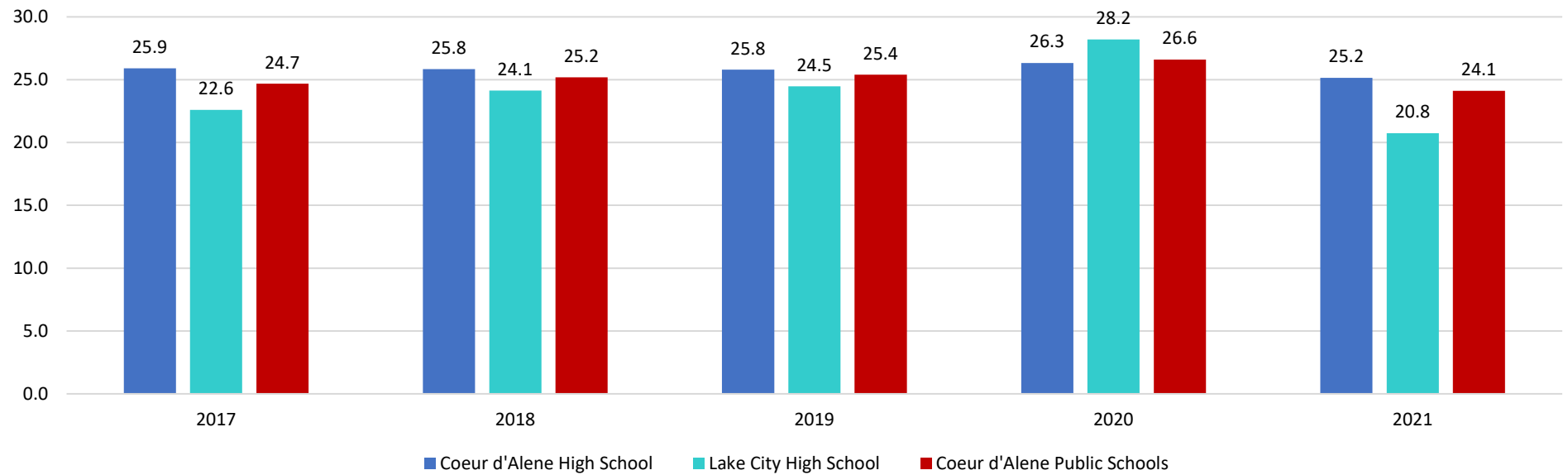


**ACT Comparison for Last 4 Years by Subject**

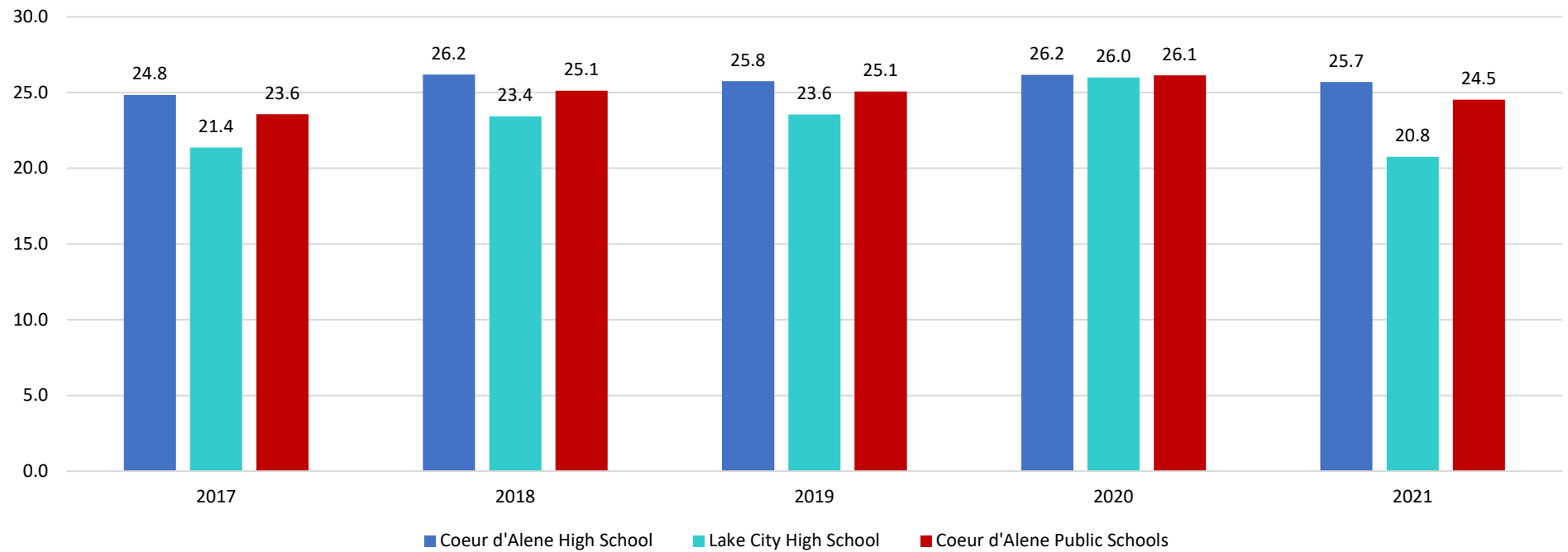
A limited number of students (annually 40-80) opt to take the ACT in addition to/substituting for the SAT. The distribution of mean scores for the composite (overall) and component tests over the last five years is included below, including those students who have taken the exam in the current school year.



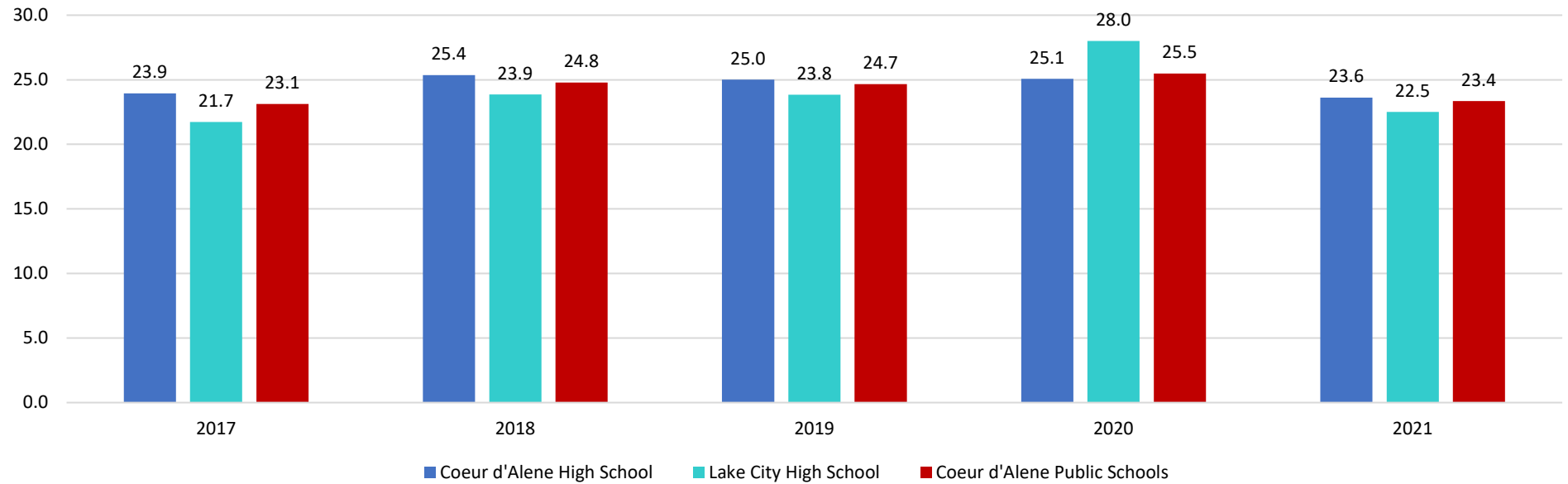
ACT English (1-36)



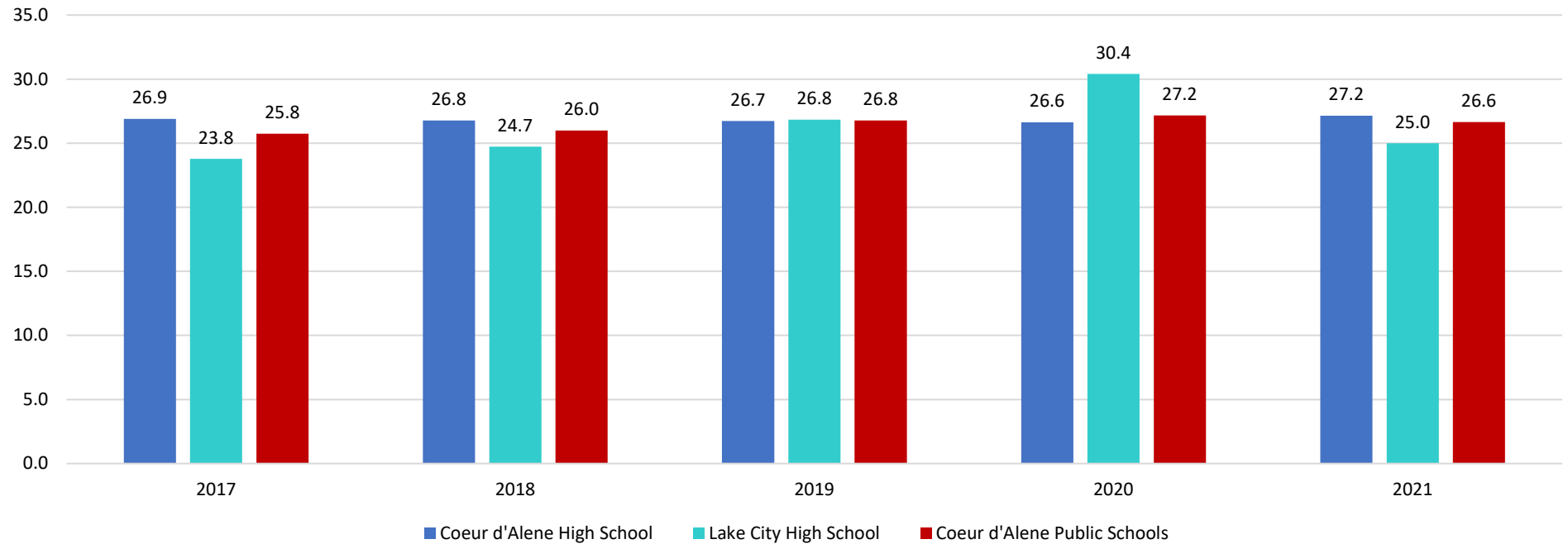
ACT Mathematics (1-36)



ACT Science (1-36)

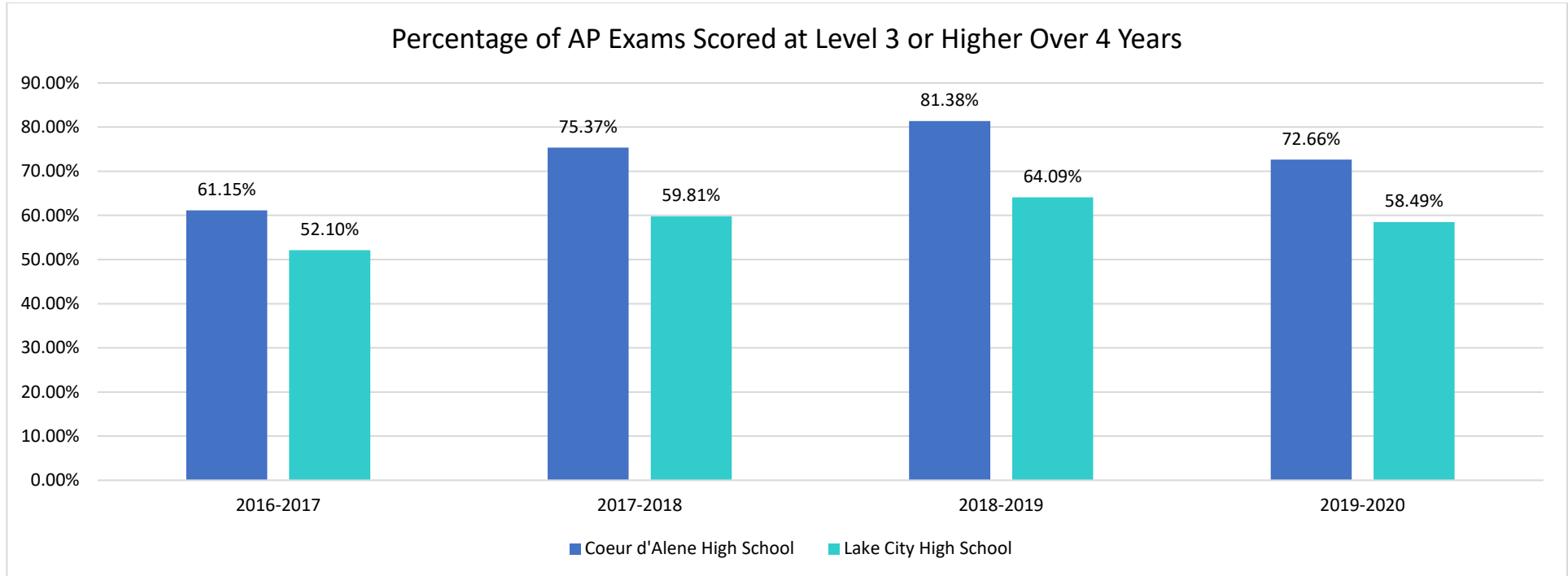
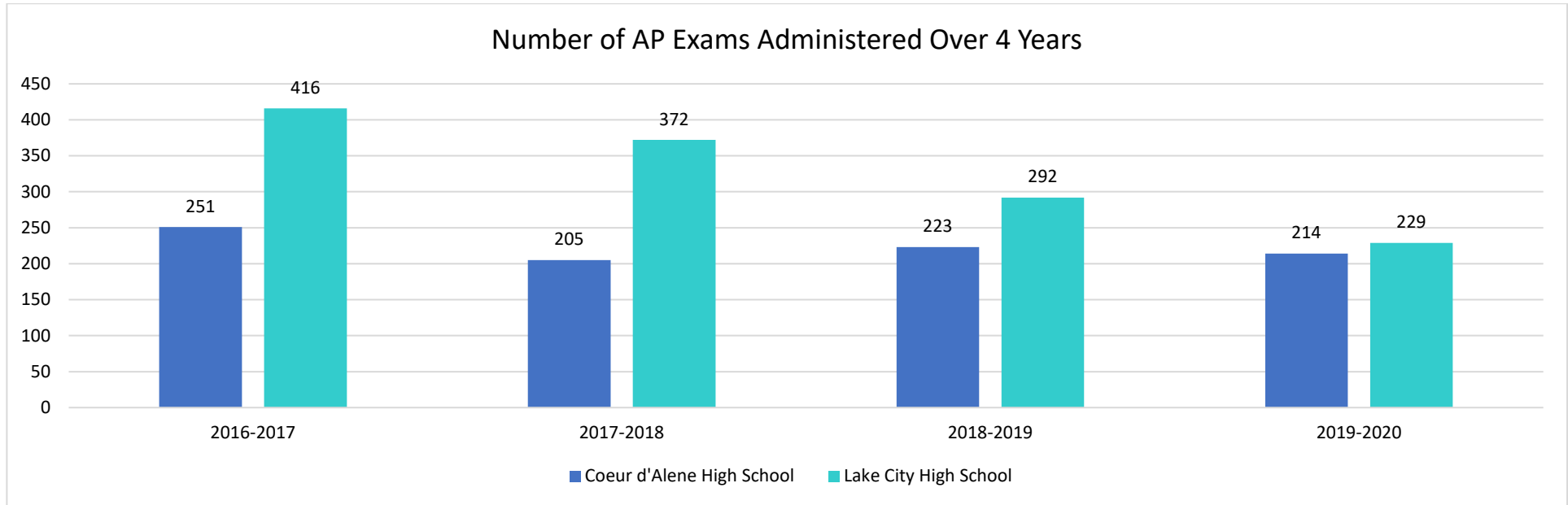


ACT Reading (1-36)



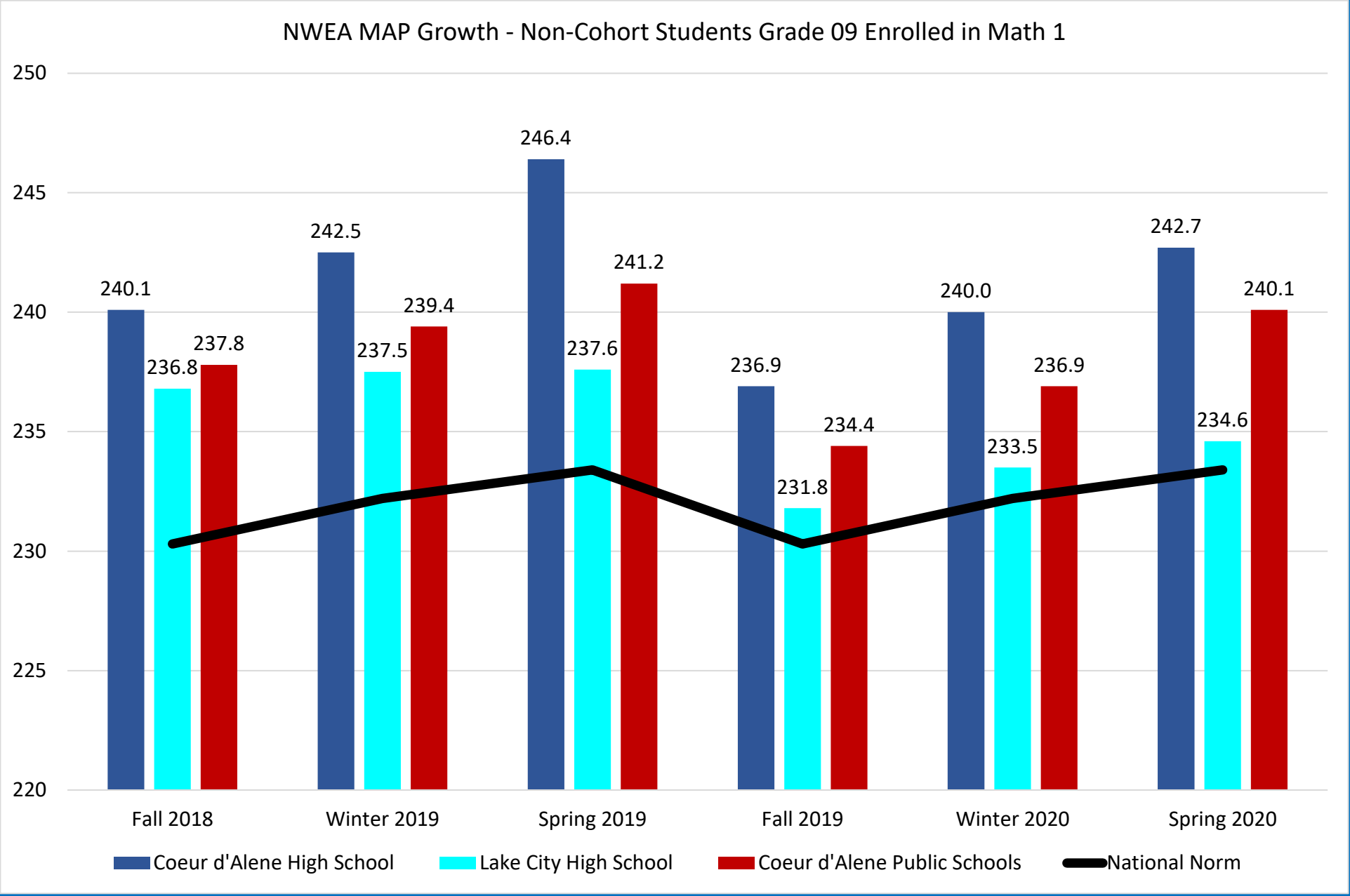
## AP Test Score Comparison for the Last 4 Years

Coeur d'Alene and Lake City High Schools offer a variety of AP courses which culminate in an optional national examination (scored at levels 1-5 where a 3 indicates a score by which a student may earn college credit at their preferred/enrolled institution). Data from the CollegeBoard are provided below:

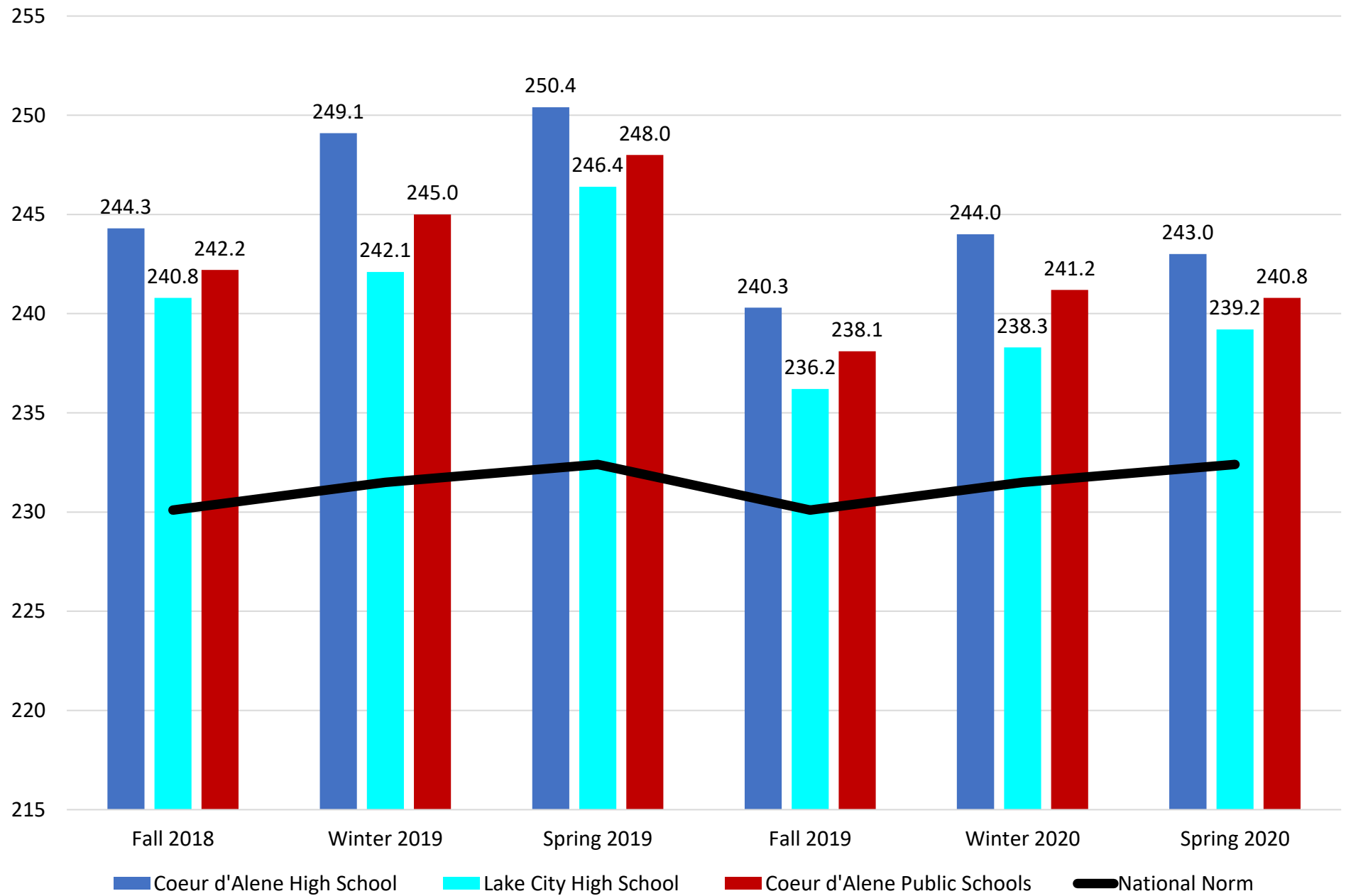


**NWEA MAP Growth Universal Screening Assessments for the 2019-2020 School Year**

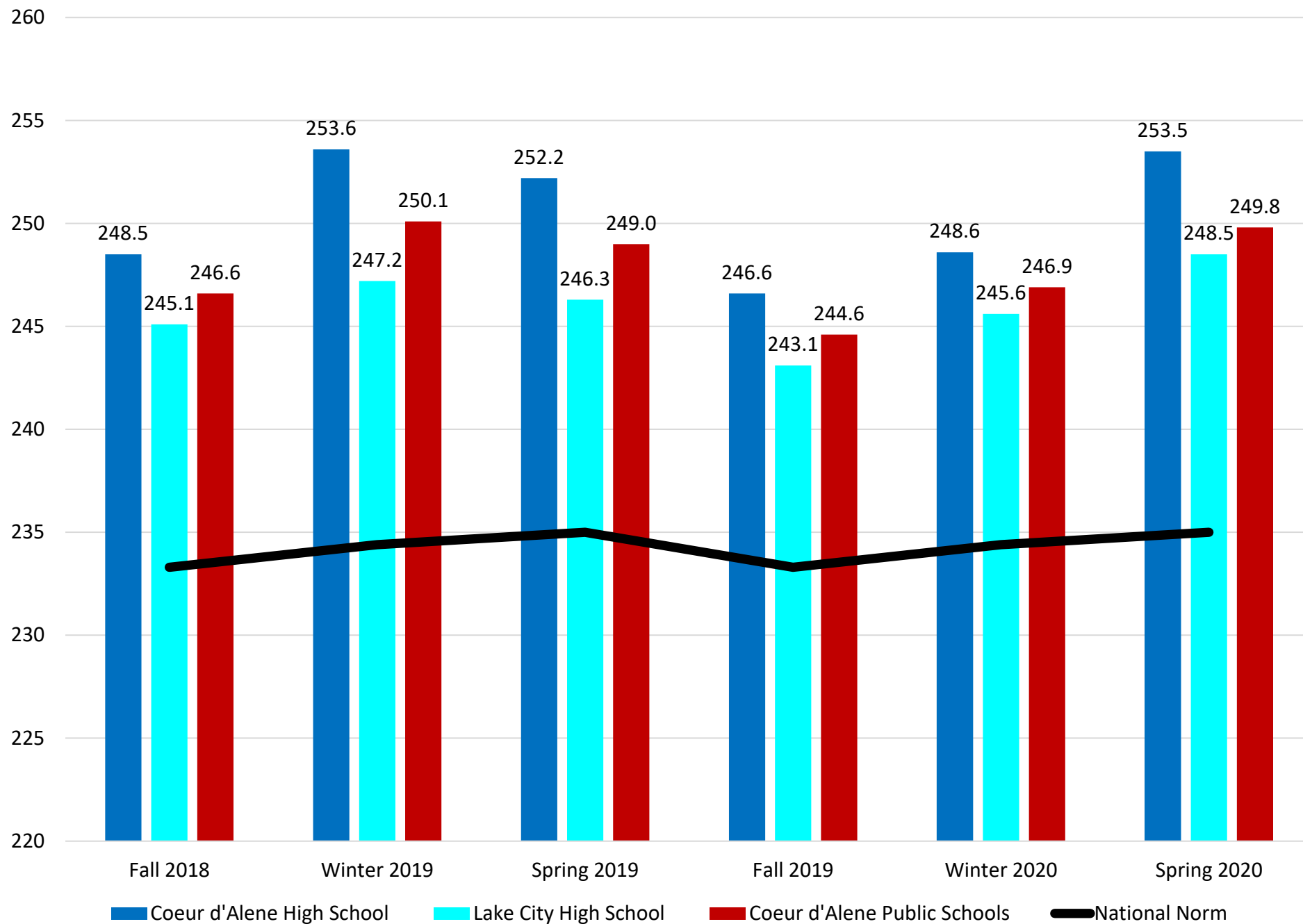
Coeur d’Alene Public Schools utilized NWEA MAP Growth to universally screen and progress monitor students in high school mathematics for the 2018-2020 school years. A summary of student growth is shown below based on base mathematics course.



NWEA MAP Growth - Non-Cohort Students Grade 10 Enrolled in Geometry/Math 2

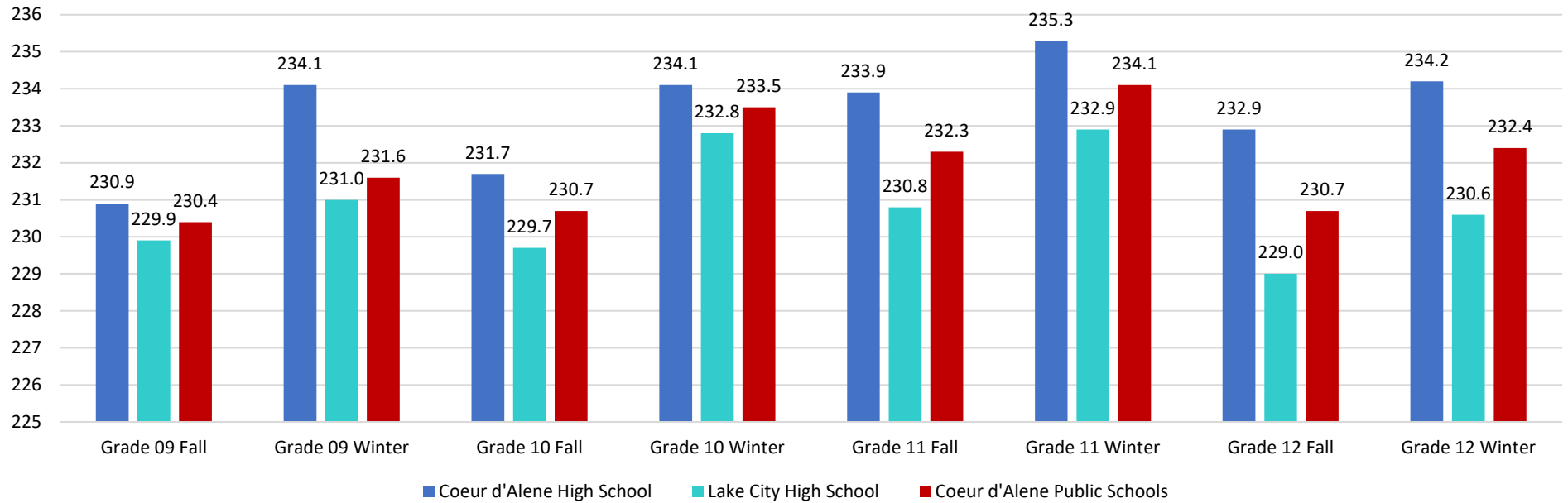


# NWEA MAP Growth - Non-Cohort Students Grade 11 Enrolled in Algebra 2

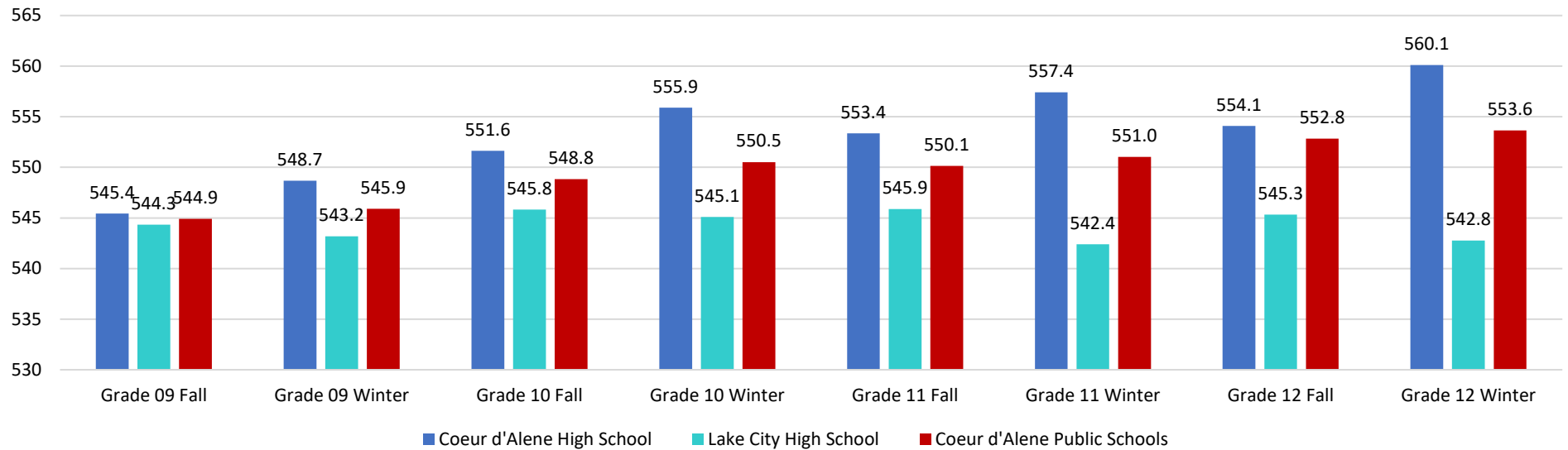


## Illuminate FastBridge Universal Screening Assessments for the 2020-2021 School Year

### Illuminate FastBridge aMath Screening Assessment by Grade Level

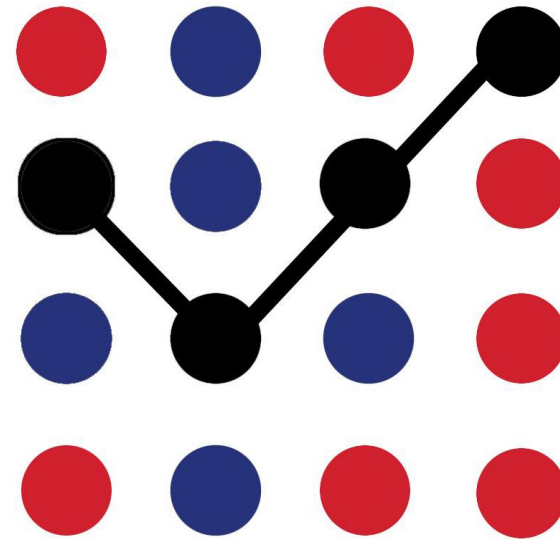


### Illuminate FastBridge aReading Screening Assessment by Grade Level





# 2

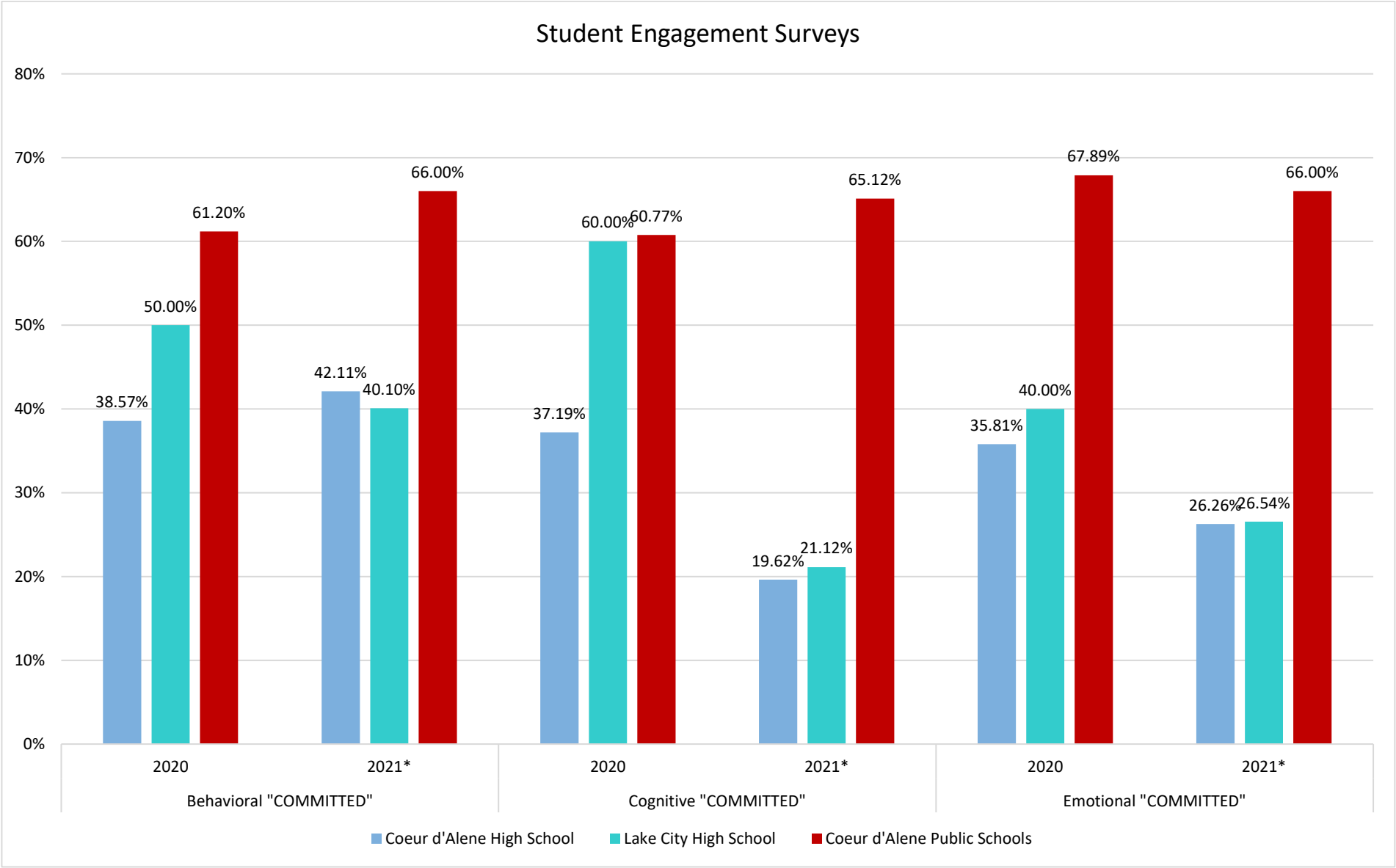


## Statewide Metrics

**Student Engagement Survey Comparisons**

The State of Idaho expects students in grades 03-12 to provide feedback on their behavioral, cognitive, and emotional engagement as part of the statewide accountability framework. In these surveys, students answer 21 questions that are mapped to established metrics. Reports from these surveys as well as the open-ended comments collected, are provided to building leadership as part of their developing School Learning Plans.

District data are representative of all schools in the district, not just our high school populations.



## Graduation Rate for Last 4 Years

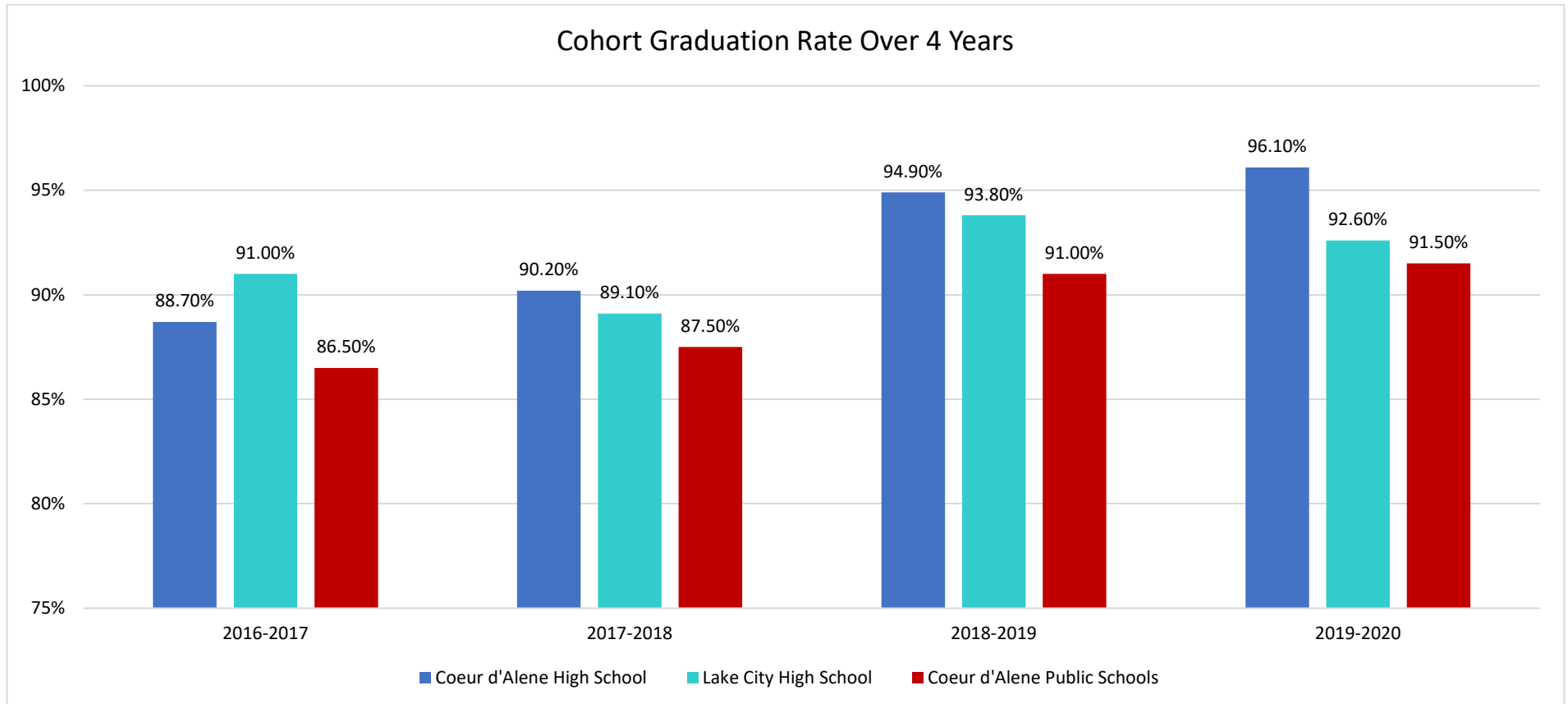
The chart below recognizes the graduation rate of the Coeur d'Alene School District and each of our schools over the past five school years. Graduation rates in Idaho, not along with the rest of the United States are calculated using the '4-Year Cohort Method' explained like this:

The “4-Year Cohort Graduation Rate” is a calculation of graduates that reports the number of students who start ninth grade and complete high school within four years. This calculation begins with a “cohort” of students in 9th grade and makes the following calculations:

- a student who transfers into the school is *added* to the cohort;
- a student who transfers to a different school is *removed* from the cohort;

### **Q: How is the cohort graduation rate calculated?**

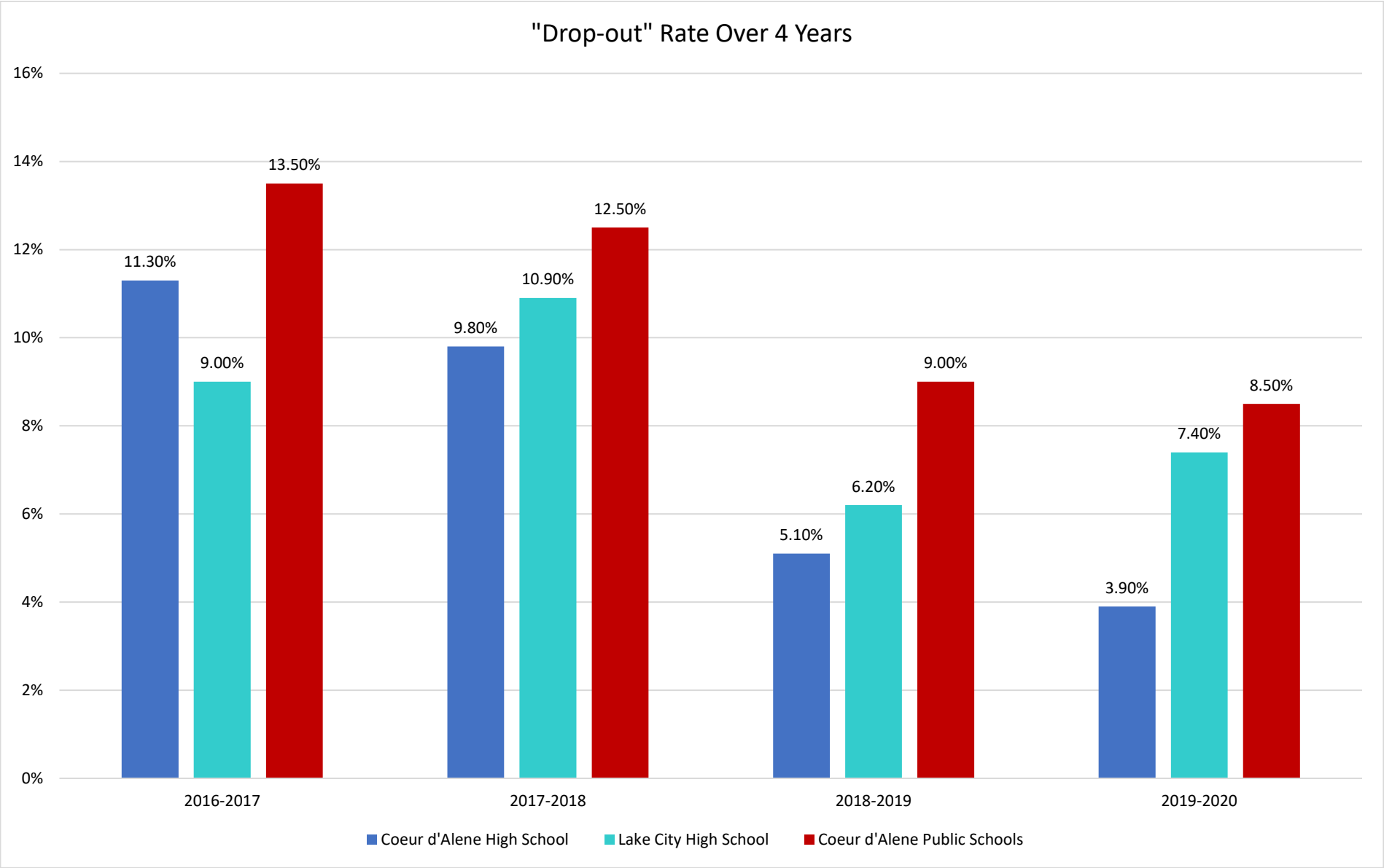
A: The cohort graduation rate is calculated by dividing the number of students graduating in 4 years by the number of students entering 9th grade 4 years earlier, plus the number of transfers into the graduating class, minus the number of transfers out of the graduating class. The cohort rate can also be calculated on a five- or six-year basis to account for students who take longer to graduate but can still successfully earn a regular diploma.



**Drop-Out Rate for Last 4 Years**

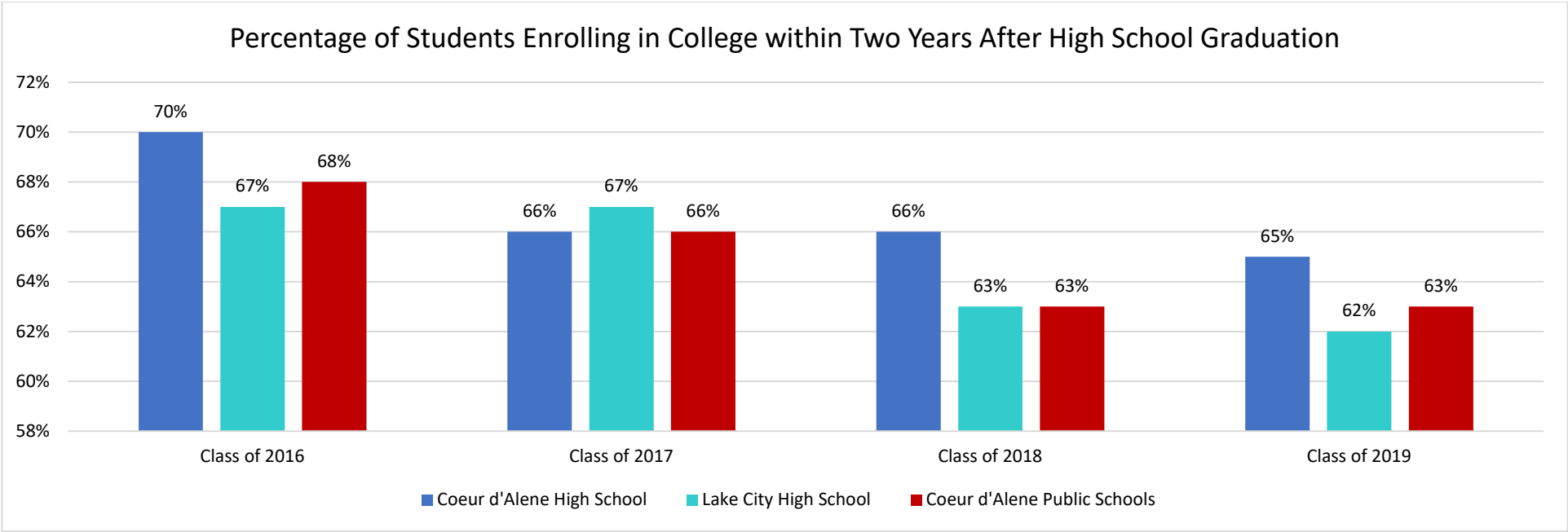
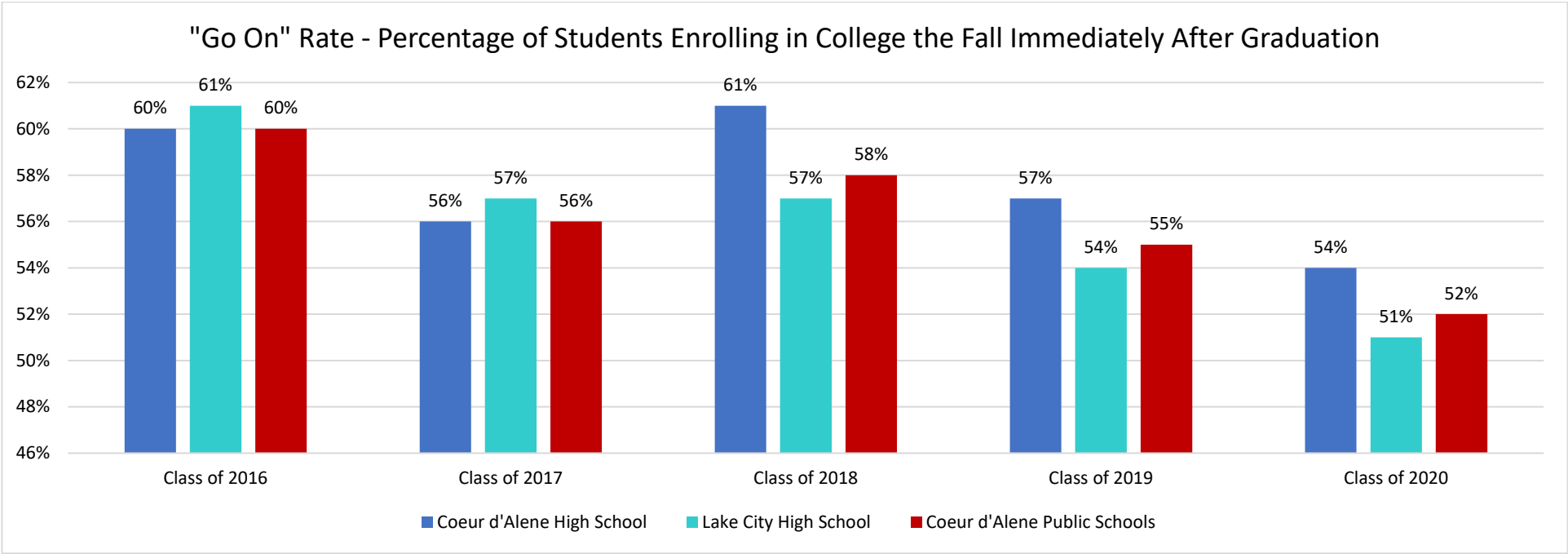
The State of Idaho calculates a drop-out rate as the percentage of 16- to 24-year-olds who are not enrolled in school and have not earned a high school credential (defined as a diploma) within a four-year period. Students receiving extended school services or receiving a GED (equivalent diploma) are not considered “completers” and would be included in the data set below.

For the purpose of the graphs below, it is an inverse of the on-time graduation rate.

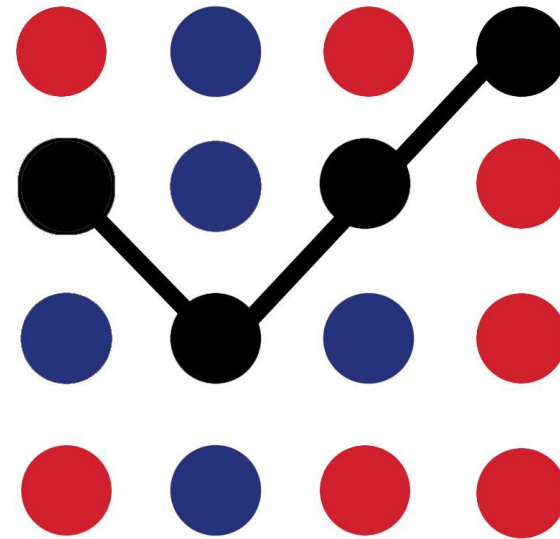


**Go-on Rates for Last 4 Years**

Idaho’s go-on rate reflects the percentage of students who enroll in a two- or four-year institution after graduating from high school.



# 3

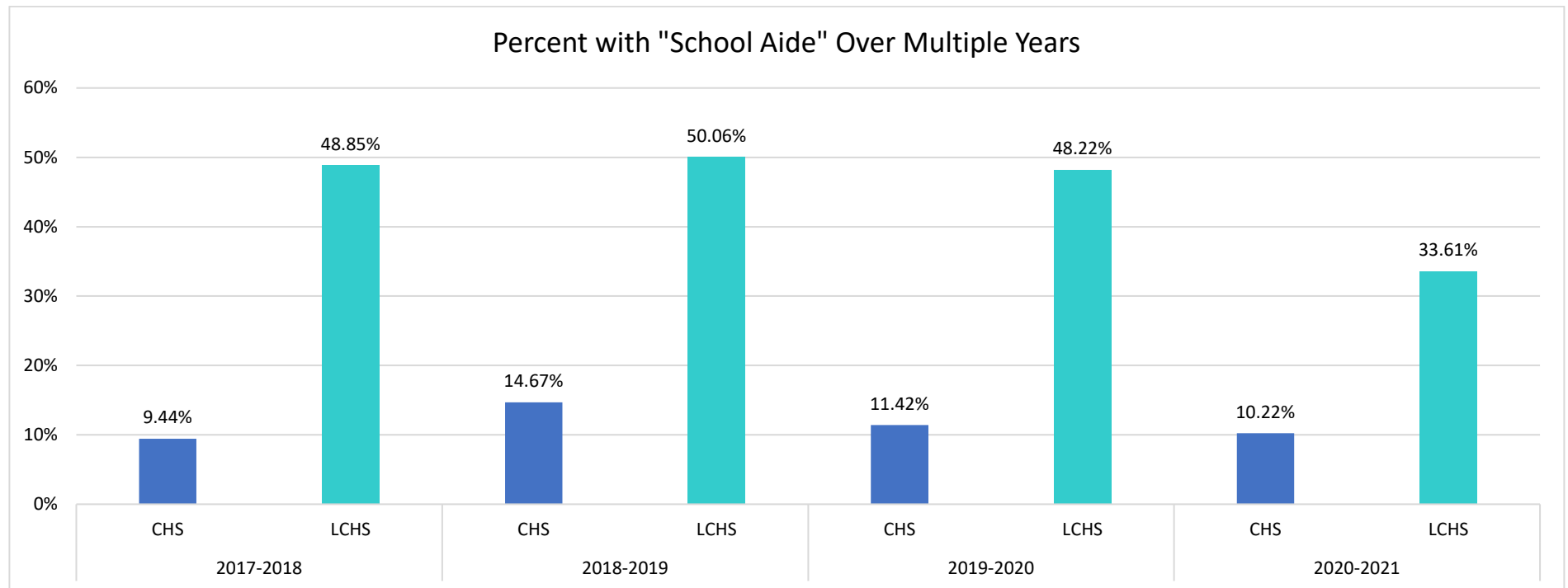


## Course Enrollments

## Number of Students with Teacher Assistant Credits Per Semester for Last 4 Years

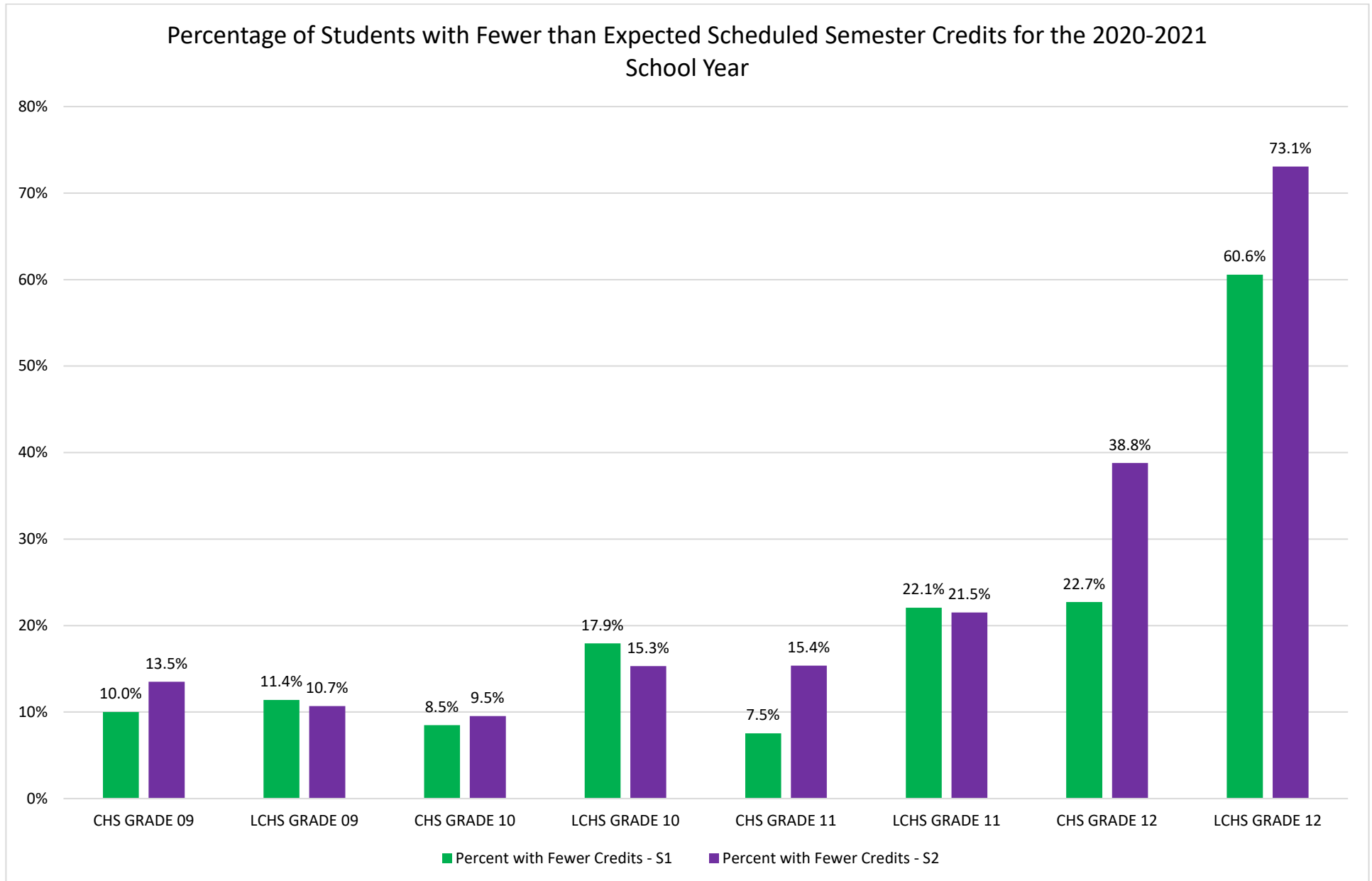
Skyward's "course/class count" report was used to identify the number of students enrolled in the courses below:

	2017-2018		2018-2019		2019-2020		2020-2021	
	CHS	LCHS	CHS	LCHS	CHS	LCHS	CHS	LCHS
<b>Enrollment - S2</b>	1345	1562	1295	1562	1366	1570	1439	1565
School Aide - S1	54	320	99	342	64	328	51	224
School Aide - S2	73	443	91	440	92	429	96	302
<b>Percent with "Aide"</b>	<b>9.44%</b>	<b>48.85%</b>	<b>14.67%</b>	<b>50.06%</b>	<b>11.42%</b>	<b>48.22%</b>	<b>10.22%</b>	<b>33.61%</b>
Teacher Volunteer - S1	0	5	0	17	0	19	0	3
Teacher Volunteer - S2	0	14	0	30	0	2	0	11
<b>Percent with "Volunteer"</b>	<b>0.00%</b>	<b>1.22%</b>	<b>0.00%</b>	<b>3.01%</b>	<b>0.00%</b>	<b>1.34%</b>	<b>0.00%</b>	<b>0.89%</b>
Late Arrival	113	~	140	~	159	481	107	89
Early Release	141	~	240	~	217	472	170	66
<b>Percent with Release</b>	<b>18.88%</b>	<b>~</b>	<b>29.34%</b>	<b>~</b>	<b>27.53%</b>	<b>60.70%</b>	<b>19.25%</b>	<b>9.90%</b>



## **Free-Period Report for the Last 4 Years (# of Students Per School/Per Semester with Free Periods)**

The Skyward Student Credit Count report was run for both high schools and used to identify students with fewer than 6 scheduled semester credits scheduled at Coeur d'Alene High School and 8 credits scheduled per semester at Lake City High School. Students enrolled for a single semester were excluded as well as students served in Coeur d'Alene eSchool for both semesters in the 2020-2021 school year.

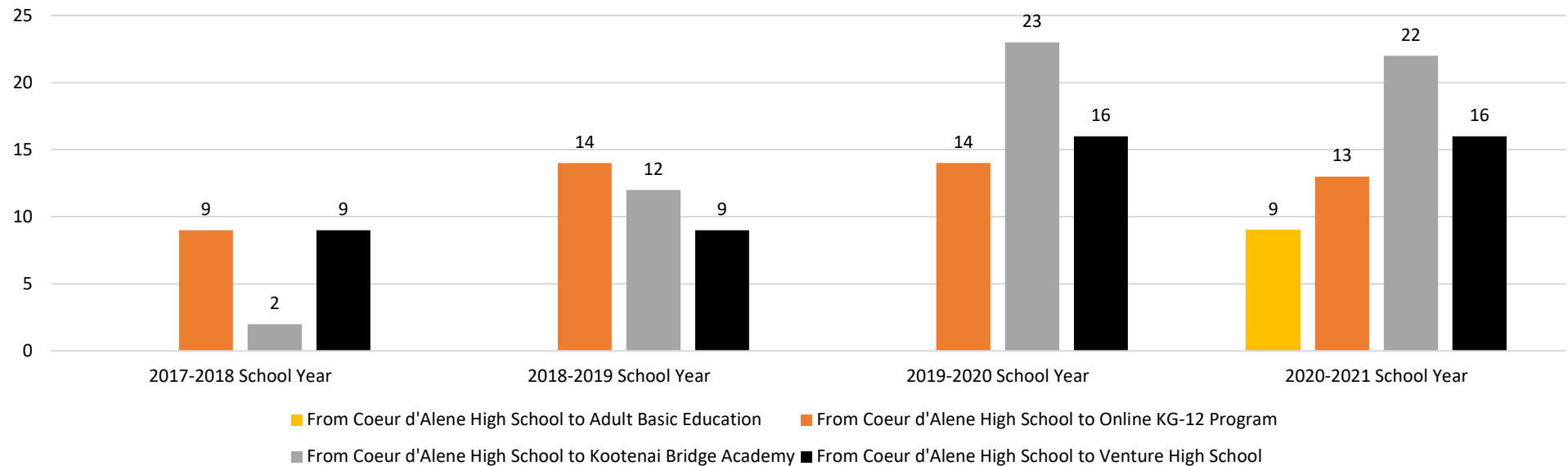




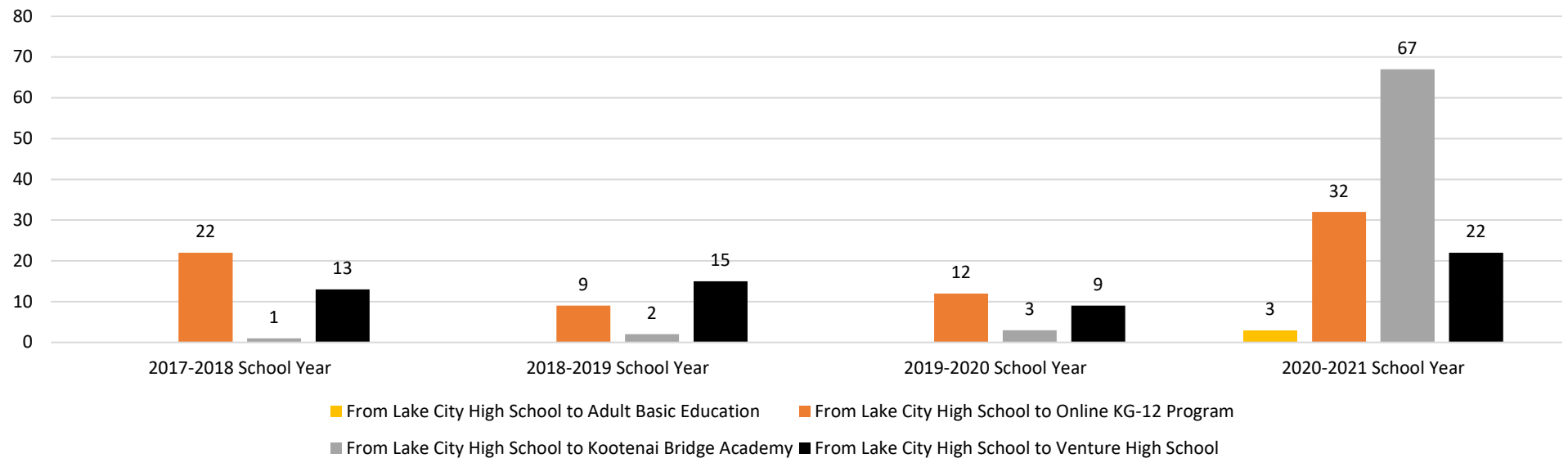
## Students Transferring to Alternative High School Programs

Skyward's Entry/Withdrawal report showing withdrawals from July, 2017 through the current date provides the two charts below.

### Transfers from Coeur d'Alene High School to Alternative Programs Over 4 Years

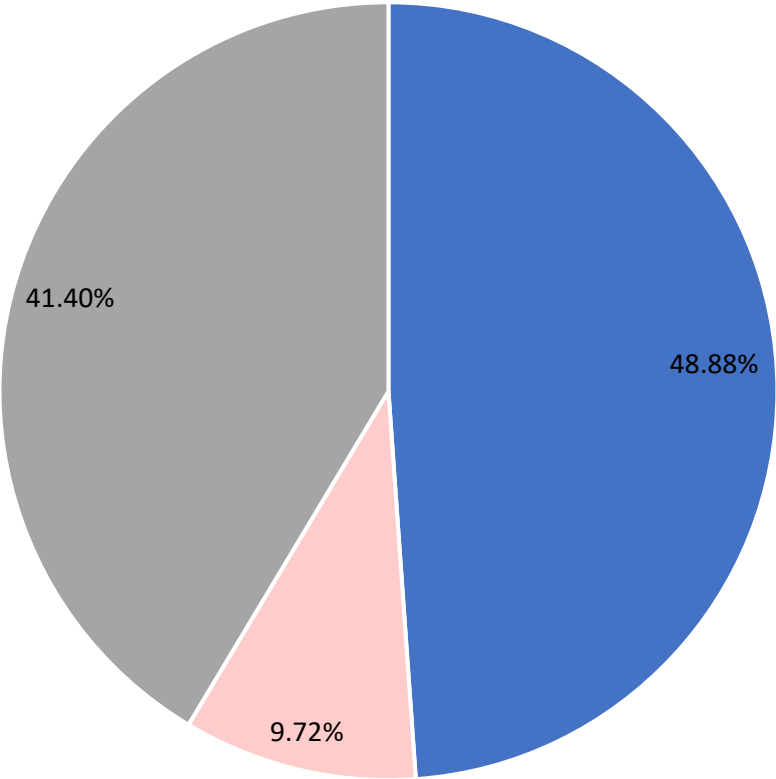


### Transfers from Lake City High School to Alternative Programs Over 4 Years



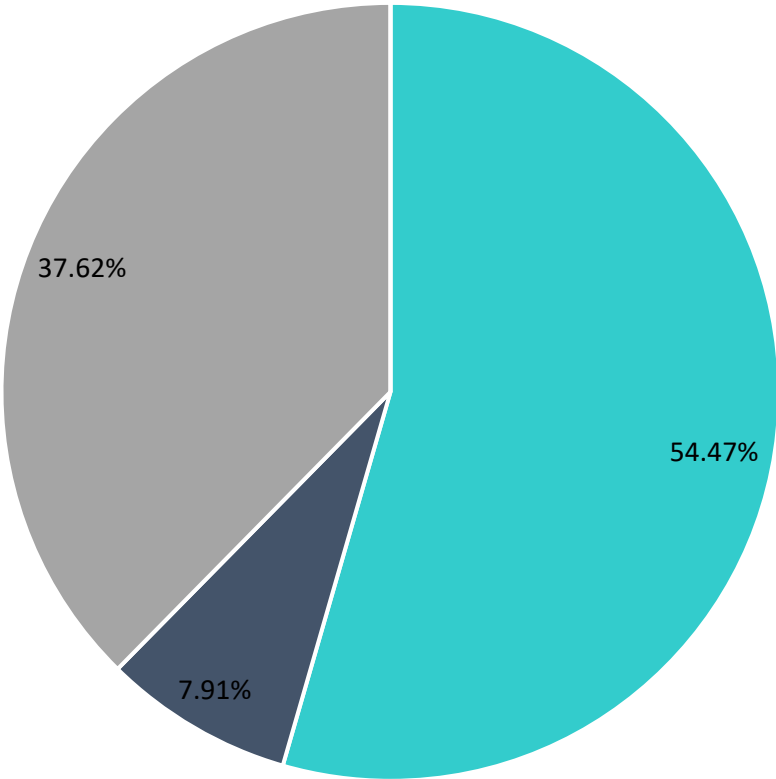
**Number of Students Graduating with More Than Minimum Credit Requirement for the Last 4 Years**

Coeur d'Alene High School Credits Earned Upon Graduation Over 4 Years



- 1-5 More Credits than Needed
- Exact Credits Needed
- Graduated with 6+ More Credits than Needed

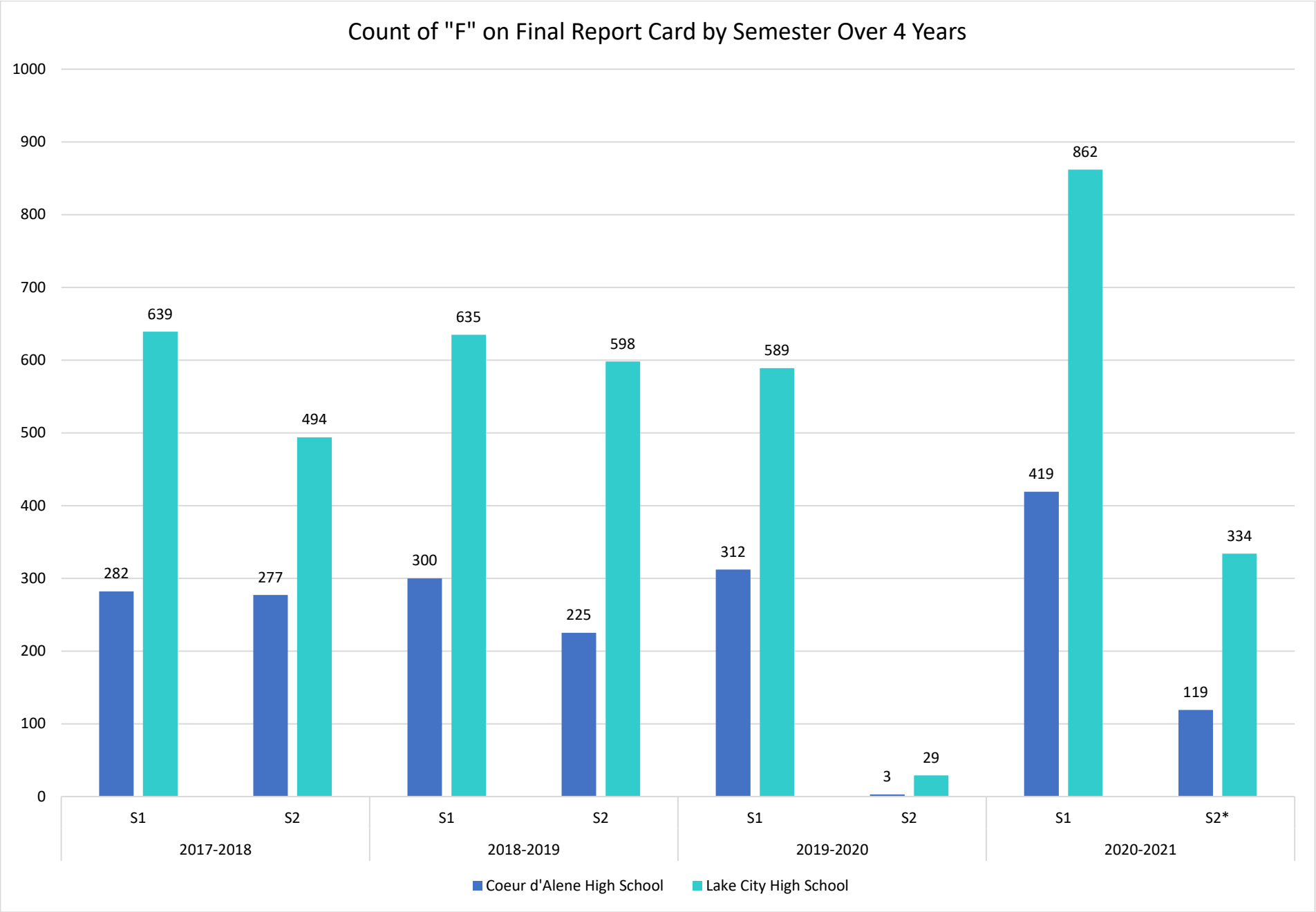
Lake City High School Credits Earned Upon Graduation Over 4 Years



- 1-5 More Credits than Needed
- Exact Credits Needed
- Graduated with 6+ More Credits than Needed

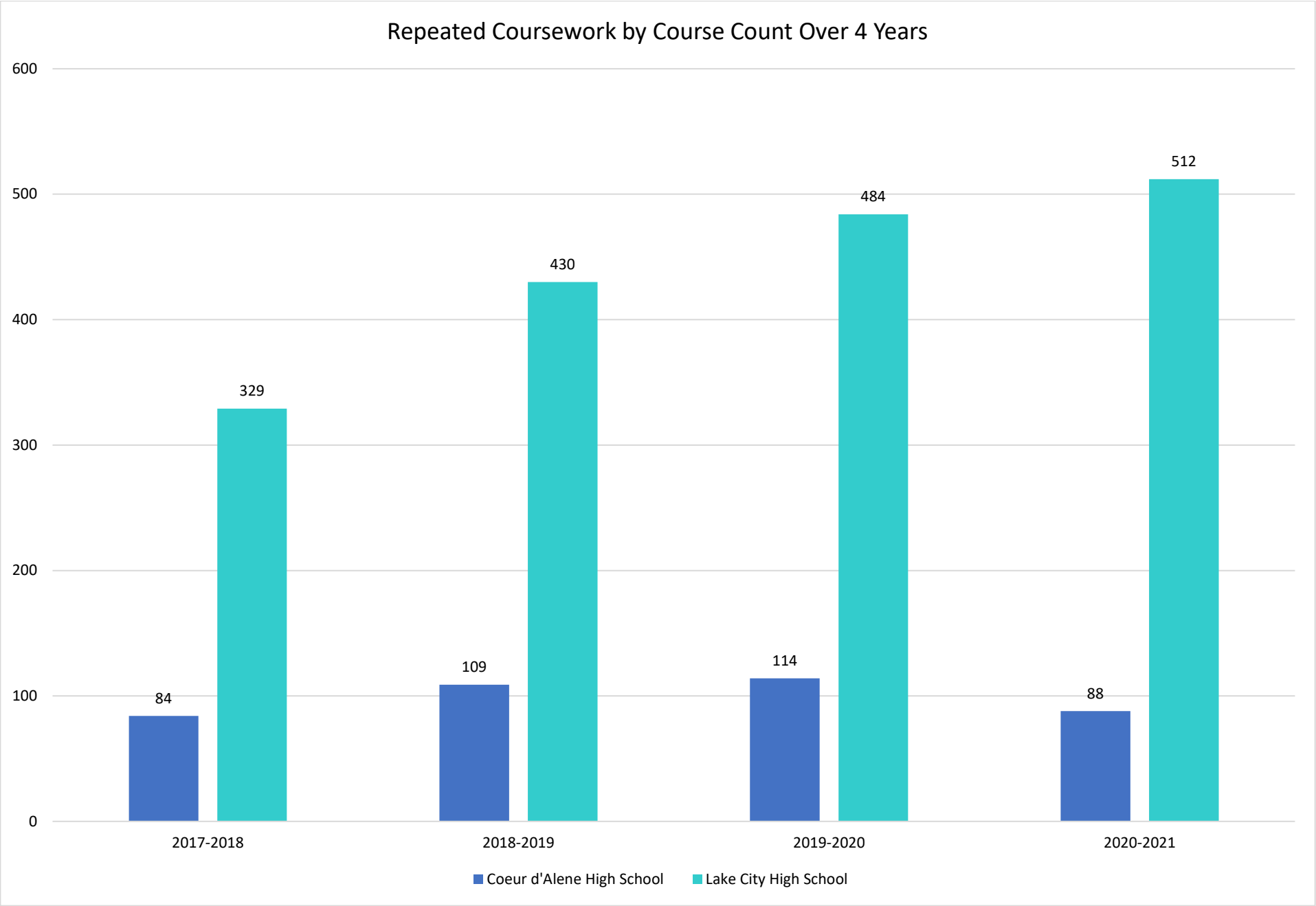
**Number of Failed Core Classes Per School/Per Semester for the Last 4 Years**

A “selected grades” report for the S1/S2 grade bucket was utilized over 8 semesters to inform the graph below. Current gradebook grades for S2 of the 2020-2021 school year are shown (as of May 7, 2021)\*



**Number of Students Repeating a Class**

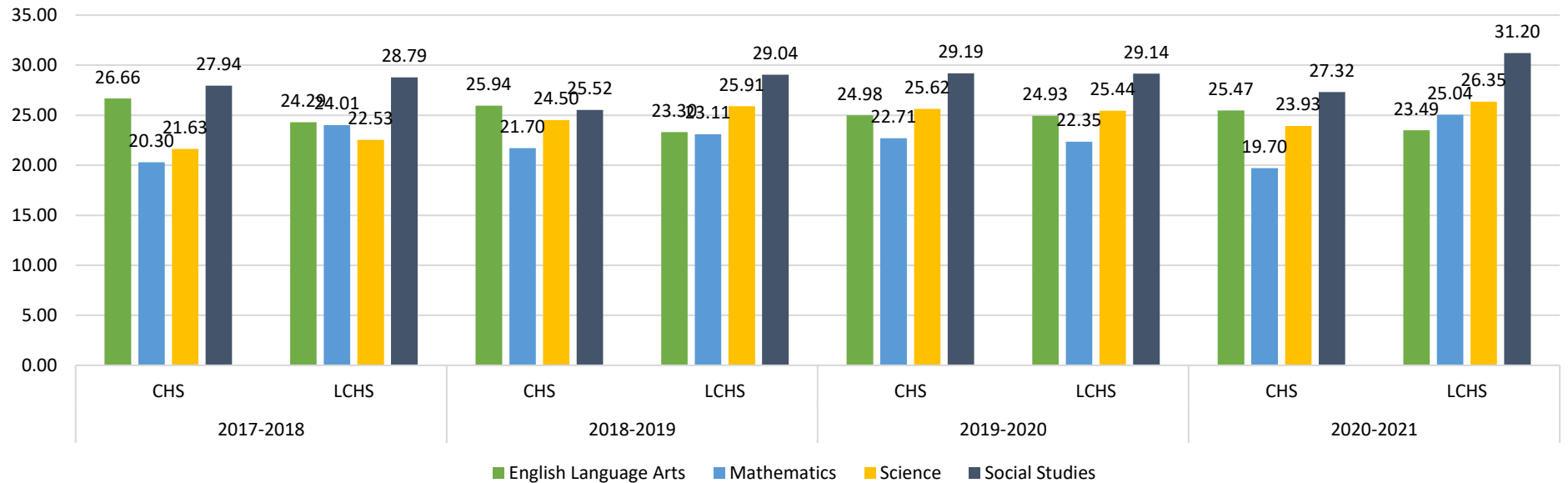
The “repeated coursework” report looks at a student’s course history and their current semester/year-long scheduled courses. A total number of core courses which matched course history are shown by year:



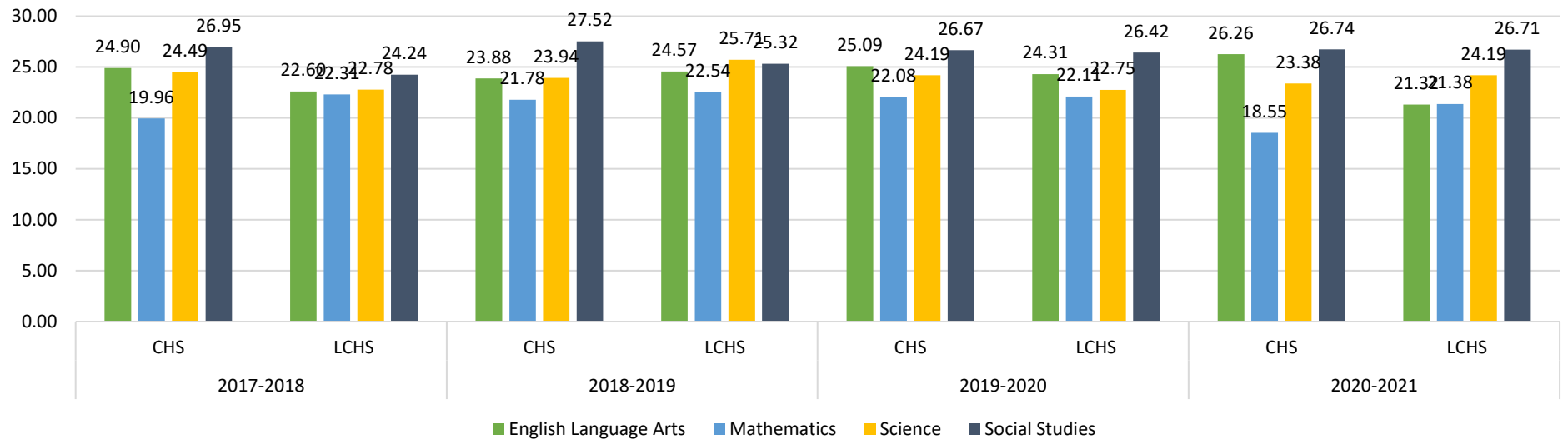
## Average Class Size Comparison in Core Subjects

The Skyward “load analysis” template was used to collect average class sizes by department, by semester for each of our high schools. Elective courses were removed from the average.

### Average "Core" Class Counts by Department Over 4 Years | Semester 1



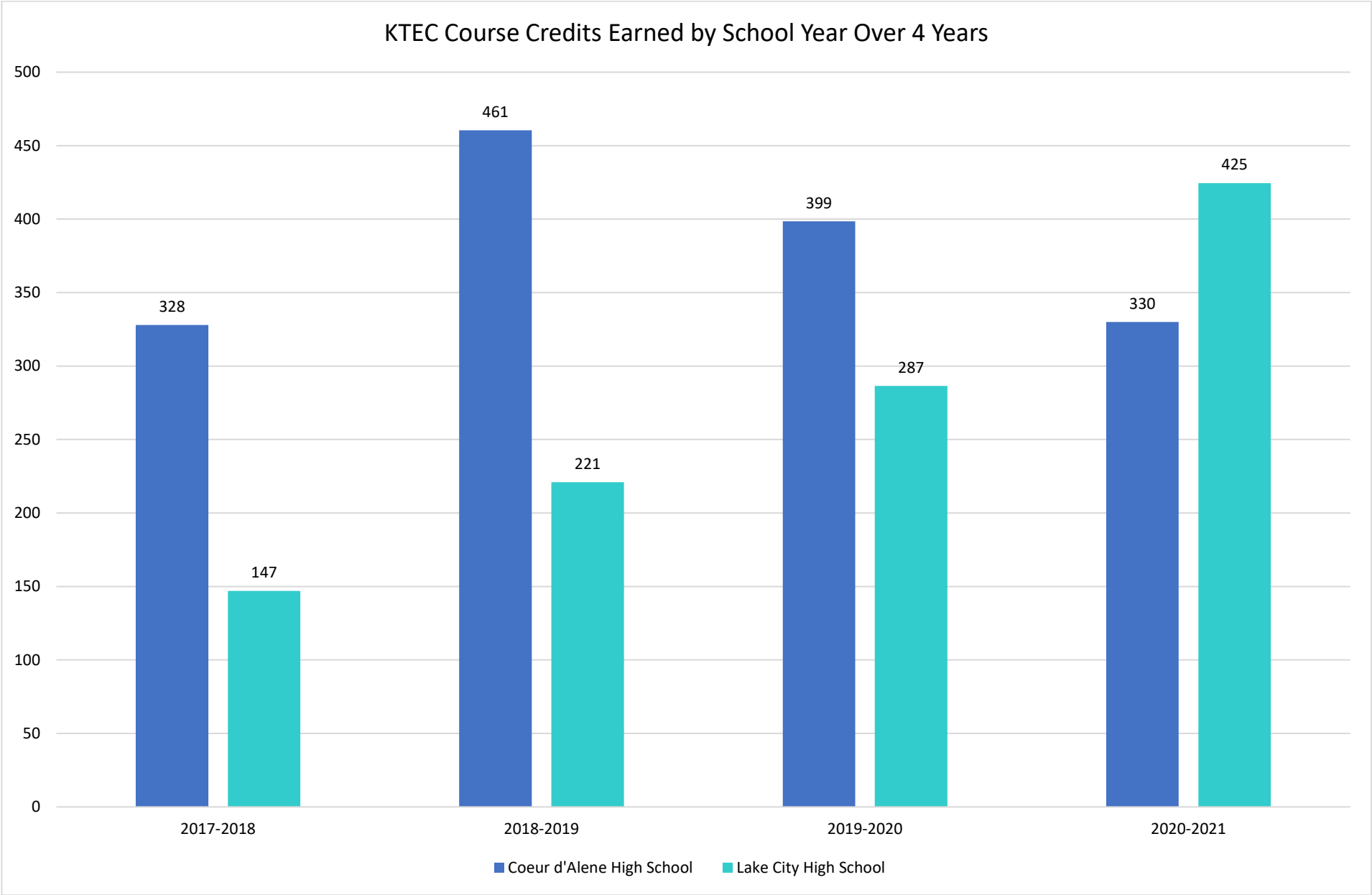
### Average "Core" Class Counts by Department Over 4 Years | Semester 2



**Number of KTEC Credits Per School Per Semester for Last 4 Years**

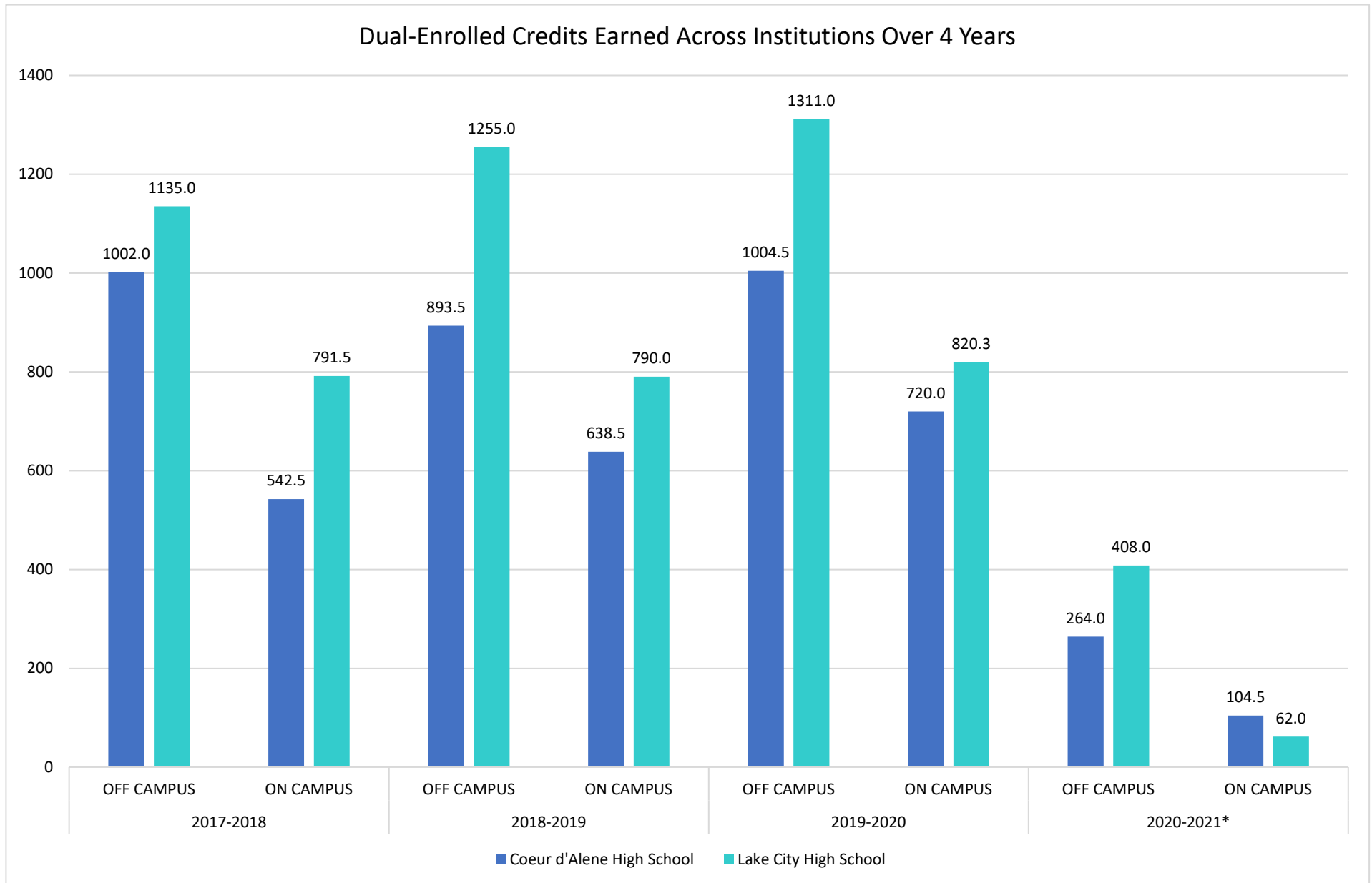
The Kootenai Technical Education Campus (KTEC) opened in 2012 and provides workforce training in a variety of trades including automotive, welding, construction, computer repair/design, health professions and tourism. Students take traditional coursework for half of their school day at their high school and then take specific coursework (including mathematics and science) in Rathdrum in either a morning or afternoon session.

The chart below shows total credits earned by students over 4 years:



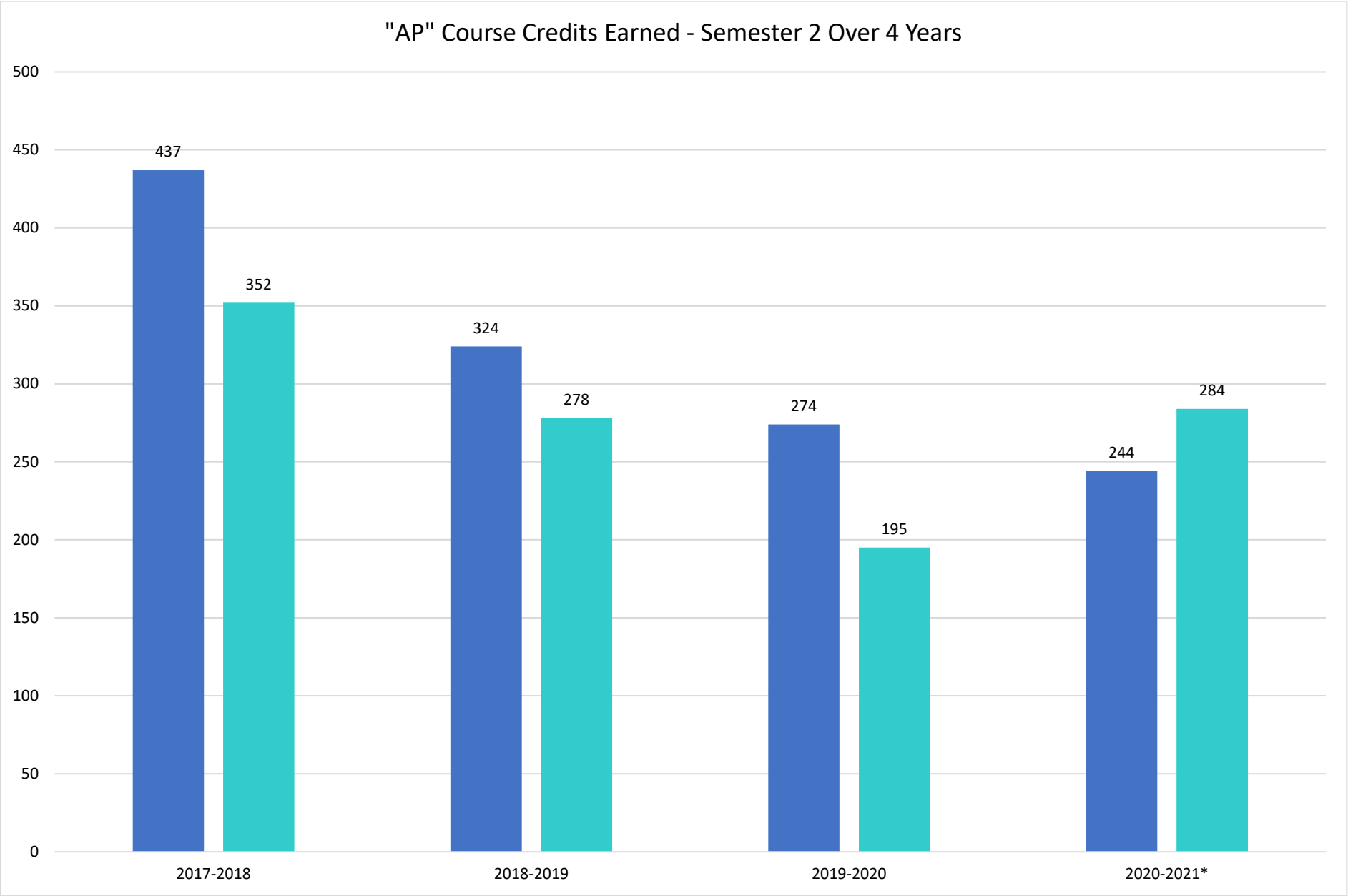
## Number of Dual Enrollment Credits Per School/Per Semester for Last 4 Years

Skyward grade history between the 2018-2021 school years informs this graph representing all dual-credit grades received and posted to the student transcript. Differentiation of courses offered off-campus and on-campus is provided. Current coursework for the 2020-2021 school year includes only those courses offered in semester 1. Additional coursework and credits will be received during the second semester and summer session.



**Number of AP Credits Per School (Semester 2) for the Last 4 Years**

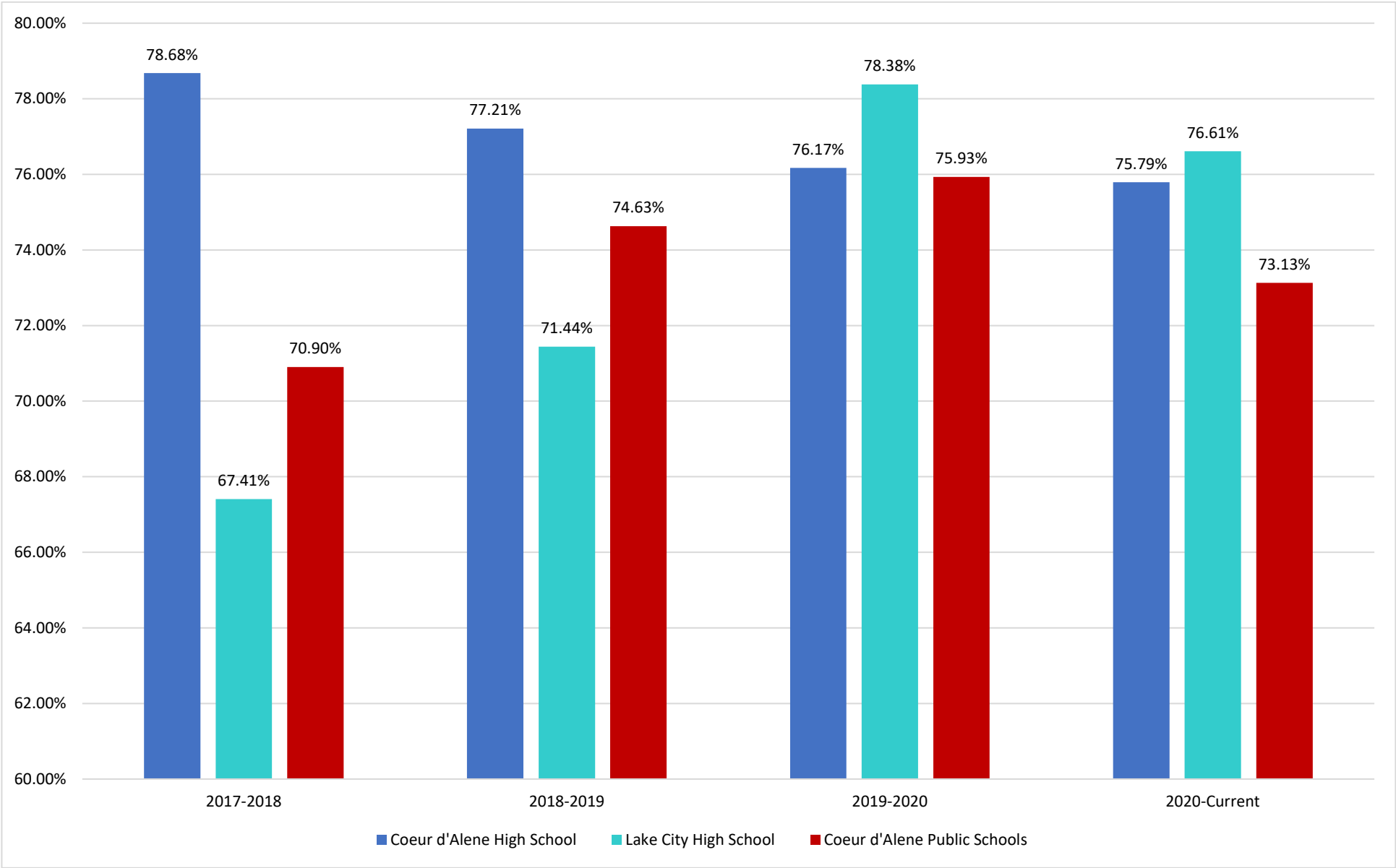
Skyward’s “grade history” report provided data for students receiving second semester (ensuring that students completed a year-long course) over the 2018, 2019, and 2020 school years. A course/class count report in Skyward indicates students currently enrolled in semester 2, identifying the number of expected credits to be received at the end of the 2020-2021 school year.\*



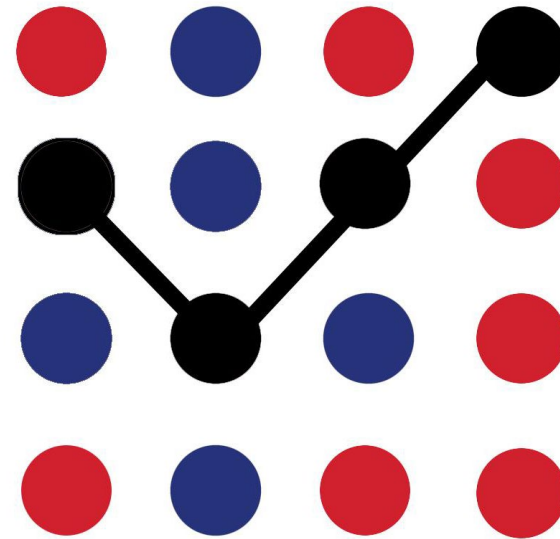


**Student Average Daily Attendance for the Last 4 Years**

The chart below provides the annual percentage of students with attendance of 90% or better over the last 4 years.



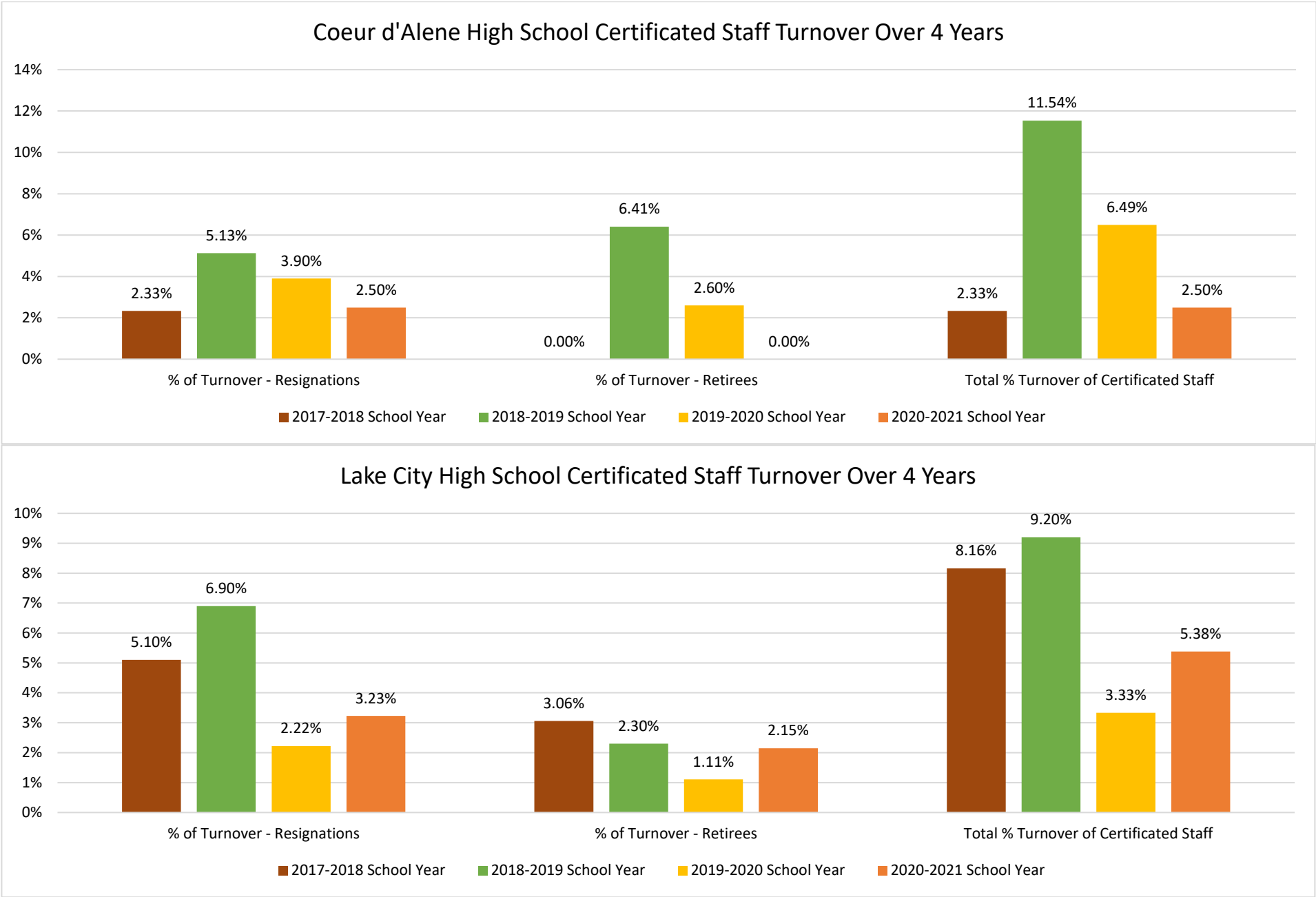
# 4



## Certificated Staff

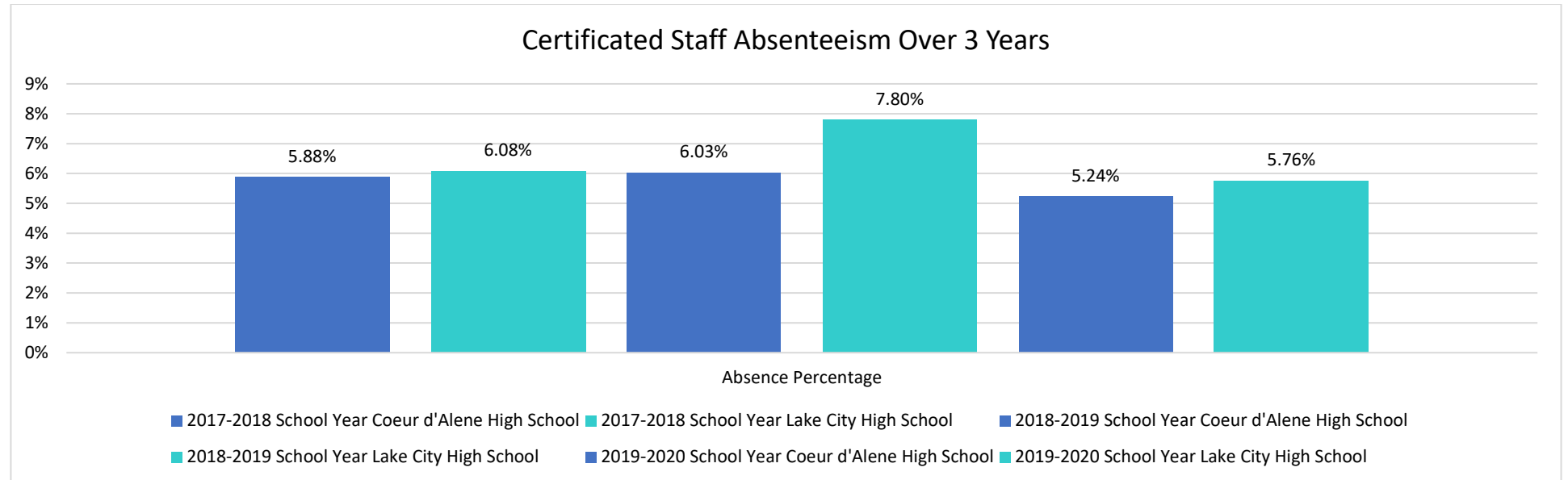
**Staff Turnover for the Last 4 Years**

Director Eric Davis and Lisa Loy in Human Resources compiled the following data representing certificated staff turnover at both Coeur d’Alene and Lake City High Schools over 4 years:



## Staff Absences Per Year or Percent for the Last 4 Years

When a staff member is absent, we use AESOP to assign a substitute and collect absence reasons. A summary of those records is provided below:



	2017-2018 School Year		2018-2019 School Year		2019-2020 School Year	
	CHS	LCHS	CHS	LCHS	CHS	LCHS
Association Leave	11.5	8	14	3	0	0
Bereavement Leave	14.5	17.5	17	18	14	19.5
Civic Duty	1	4	5	4.5	3	3
Competitive Activity	110.5	124.5	127.5	117.5	70.5	58.5
Incentive Leave	45.5	37	54	36	17	15.5
Non-Competitive Activity	101.5	143.5	111	156	75	92
Other	31	60.5	22.5	50	72.5	166.5
Payroll Deduction	32	13	2.5	4	1	10
Personal Leave	140	142	124.5	148.5	86	107
Professional Leave	180.5	234.5	197	296.5	203	230.5
Sick Leave	293	348	218	455	225	283
<b>TOTAL ABSENCES</b>	<b>961</b>	<b>1132.5</b>	<b>893</b>	<b>1289</b>	<b>767</b>	<b>985.5</b>
Certificated Staff	86	98	78	87	77	90
Total Days for Employee	16340	18620	14820	16530	14630	17100
<b>Absence Percentage</b>	<b>5.88%</b>	<b>6.08%</b>	<b>6.03%</b>	<b>7.80%</b>	<b>5.24%</b>	<b>5.76%</b>