

# MA Early College Outcomes February 2021: Using Emerging Data to Inform Policy

**Pierre Lucien**

Policy Analyst, Department of Elementary and Secondary Education  
Strategic Data Project (SDP) Fellow, Harvard University



Early College Joint Committee (ECJC)



MASSACHUSETTS  
Department of  
Higher Education

## Context and Considerations

### ■ Comparative Groups

- Early College (EC): Students identified as program participants in SIMS, often represented in blue
- School Peer: Non-participating students who attend the same school as EC students, often represented in orange

### ■ Comparative Years

- We have data for 2019, 2020, and 2021
- Depending on the visual, one, two, or three years may be used
- Note that 2020 outcomes data and 2021 demographic data have presumably been affected by the Covid-19 pandemic

### ■ Data Interpretation

- Rates: Percentage of students representing a measure, can be found outside of bars
- Counts (N): Number of students that constitute rate calculations, usually inside bars

# MA Designated Programs (2018 & 2019)

	District (High School)/Charter School	Institutions of Higher Education	Designation Date
1	Boston Public Schools (Charlestown High School)	Bunker Hill Community College	April 2018
2	Chelsea Public Schools (Chelsea High School)	Bunker Hill Community College	April 2018
3	Holyoke Public Schools (Holyoke High School)	Holyoke Community College	April 2018
4	New Heights Charter School of Brockton	Massasoit Community College	April 2018
5	Salem Public Schools (Salem High School)	Salem State University	April 2018
6	Lawrence Public Schools (Lawrence High School)	Merrimack College	August 2018
7	Lawrence Public Schools (Lawrence High School)	Northern Essex Community College	August 2018
8	<ul style="list-style-type: none"> <li>Holyoke Public Schools (Holyoke High School)</li> <li>Springfield Public Schools (High School of Commerce)</li> <li>Westfield Public Schools (Westfield High School and Westfield Technical Academy)</li> </ul>	Westfield State University	August 2018
9	Worcester Public Schools (Burncoat Senior High; Claremont Academy; Doherty Memorial High; North High; South High Community; University Park Campus; Worcester Technical High)	Worcester State University and Quinsigamond Community College	August 2018
10	Lowell Public Schools (Lowell High School)	Middlesex Community College	January 2019
11	Nashoba Valley Technical High School	Middlesex Community College	January 2019
12	Fitchburg High School	Fitchburg State University and Mount Wachusett Community College	April 2019
	Gardner High School		
	Leominster Public Schools		
	Sizer School		
13	Framingham High School	Framingham State University and Massachusetts Bay Community College	April 2019
	Milford High School		
14	Lynn Public Schools (Lynn Classical HS, Lynn English HS, Lynn Vocational Technical Institute, Fecteau Leary Alternative HS)	North Shore Community College	April 2019
15	Haverhill High School	Northern Essex Community College	April 2019
16	Marlborough High School	Quinsigamond Community College	April 2019
17	Boston (Madison Park Technical Vocational High School)	Bunker Hill Community College	April 2019

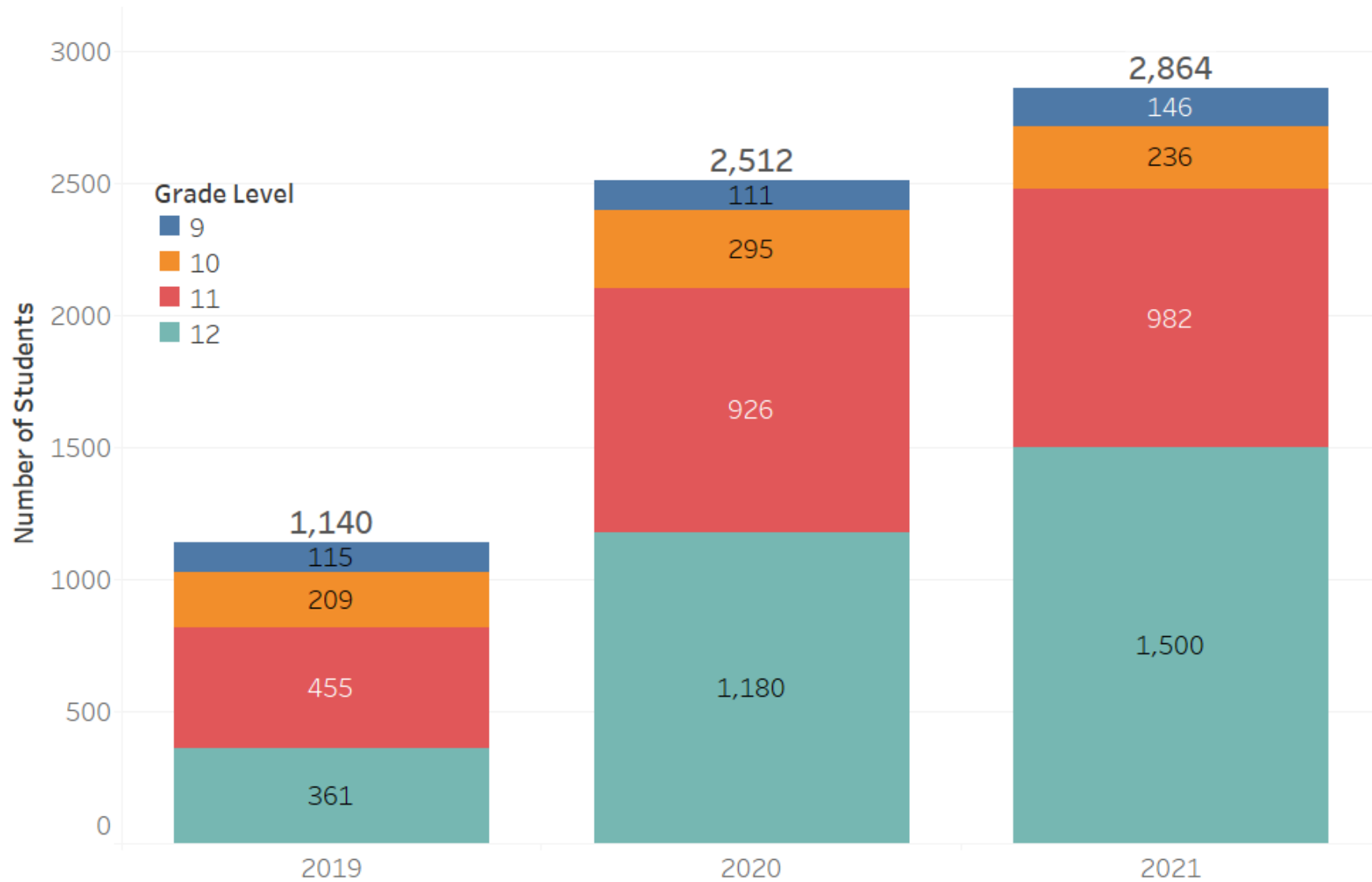
# MA Designated Programs (2020)

	District (High School)/Charter School	Institutions of Higher Education	Designation Date
18	Somerville High School (Somerville Public Schools)	Cambridge College	June 2020
19	Lynn English High School (Lynn Public Schools)	Salem State University	June 2020
20	Lynn Classical High School (Lynn Public Schools)	Salem State University	June 2020
21	Hopkins Academy (Hadley Public Schools)	Greenfield Community College	June 2020
22	Durfee High School (Fall River Public Schools)	Bristol Community College	June 2020
23	Durfee High School (Fall River Public Schools)	Bridgewater State University	June 2020

There are currently 23 Designated Early College programs, made up on 19 IHEs and 35 high schools

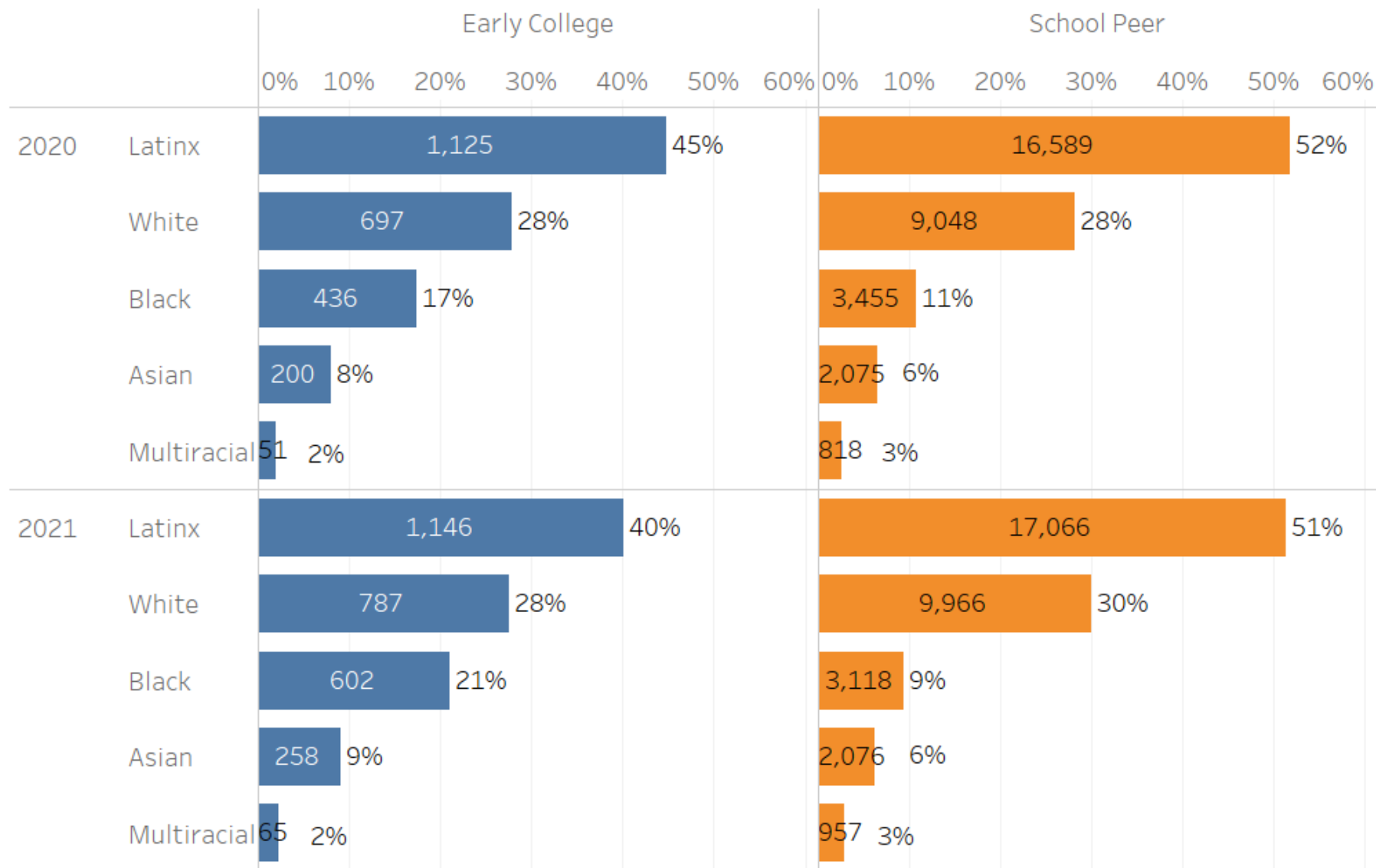
# Enrollment in Early College has continuously increased:

Number of EC Students (SIMS)



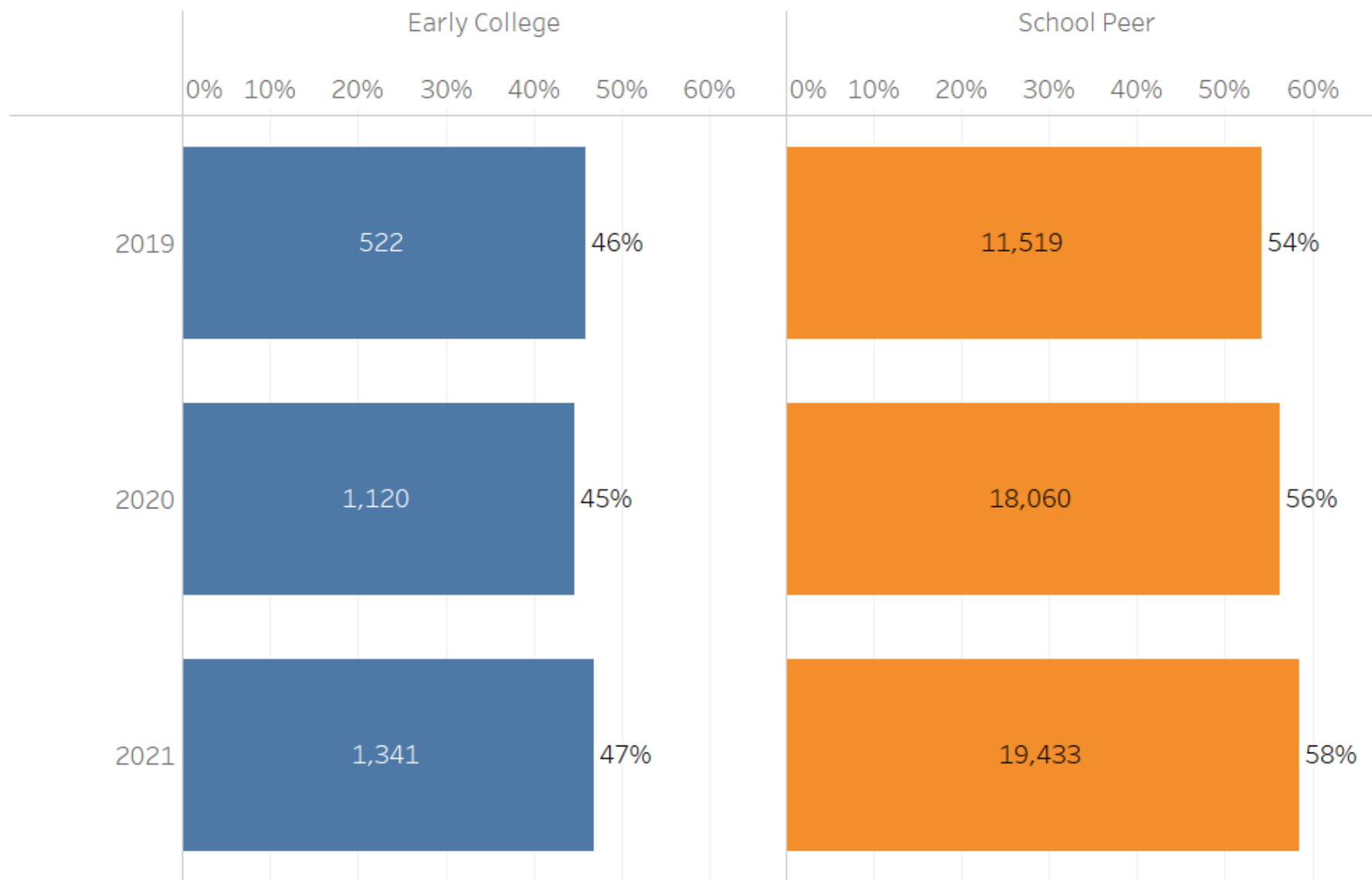
# The majority of EC students are Black or Latinx:

## EC Students by Race and Ethnicity (SIMS)



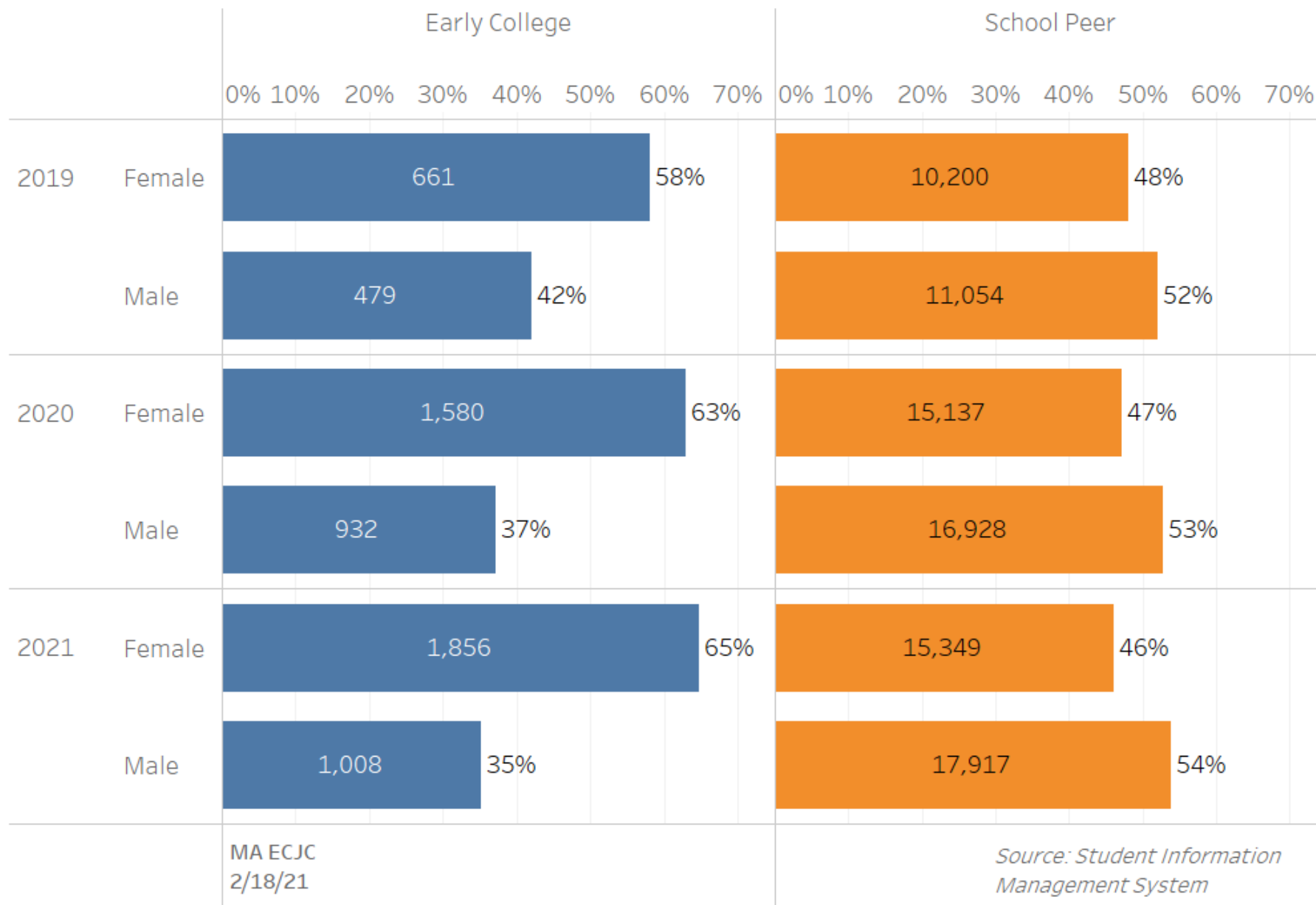
# EC can recruit more economically disadvantaged students:

## Percent of EC Students Economically Disadvantaged (SIMS)



# EC can recruit more male students:

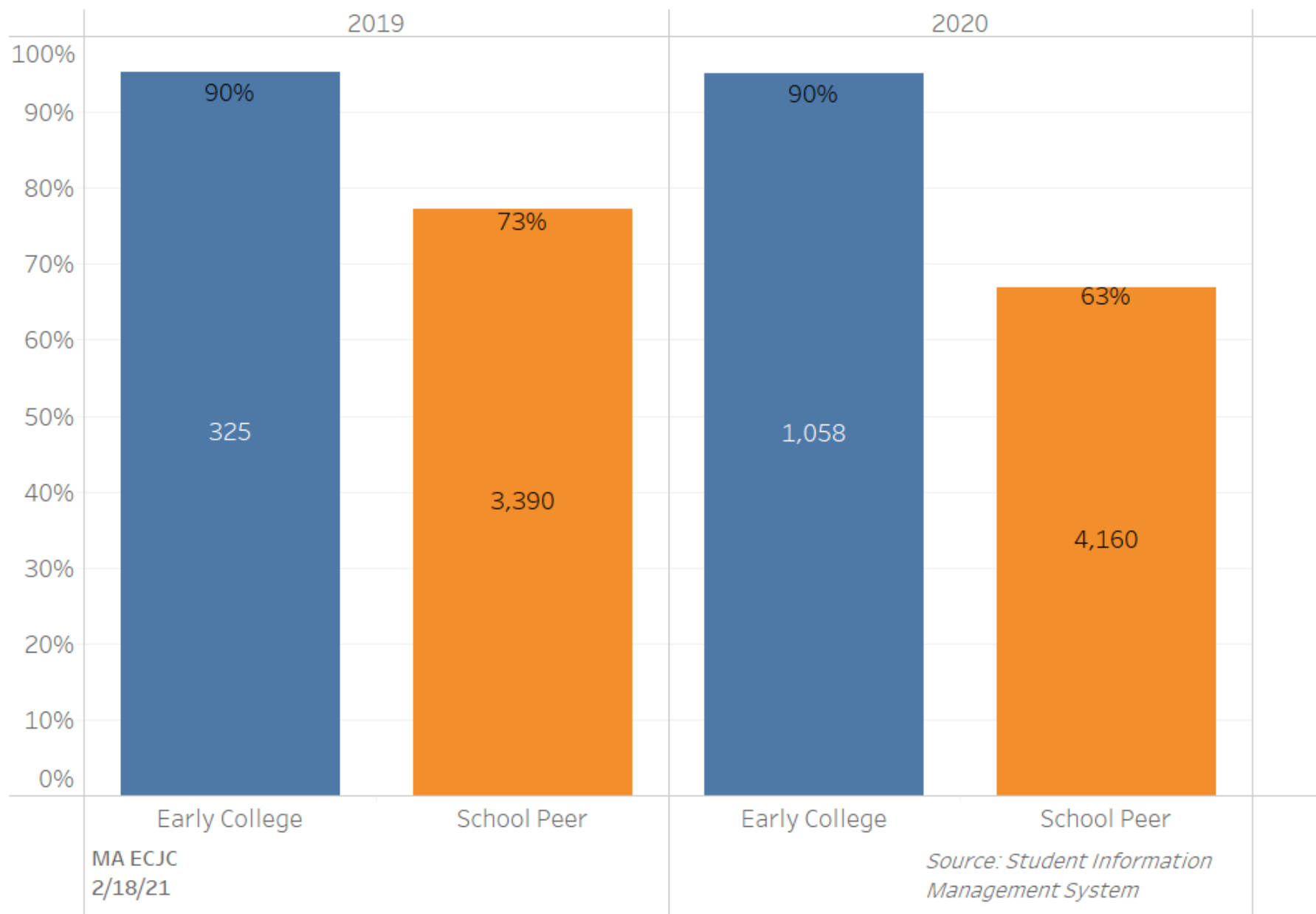
## EC Students by Gender (SIMS)





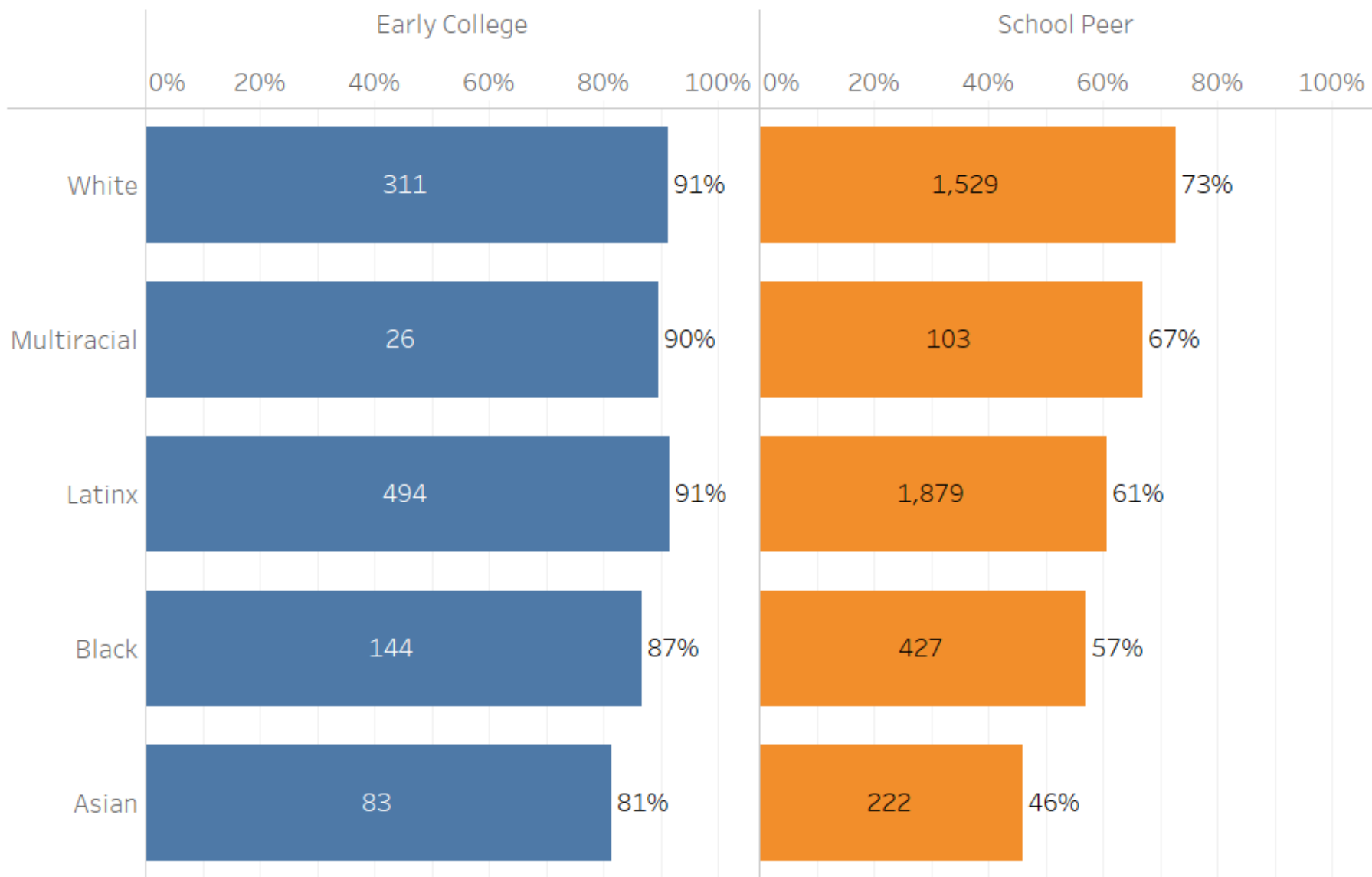
# EC maintains high MassCore completion rates through pandemic:

## EC MassCore Completion Rates (SIMS)



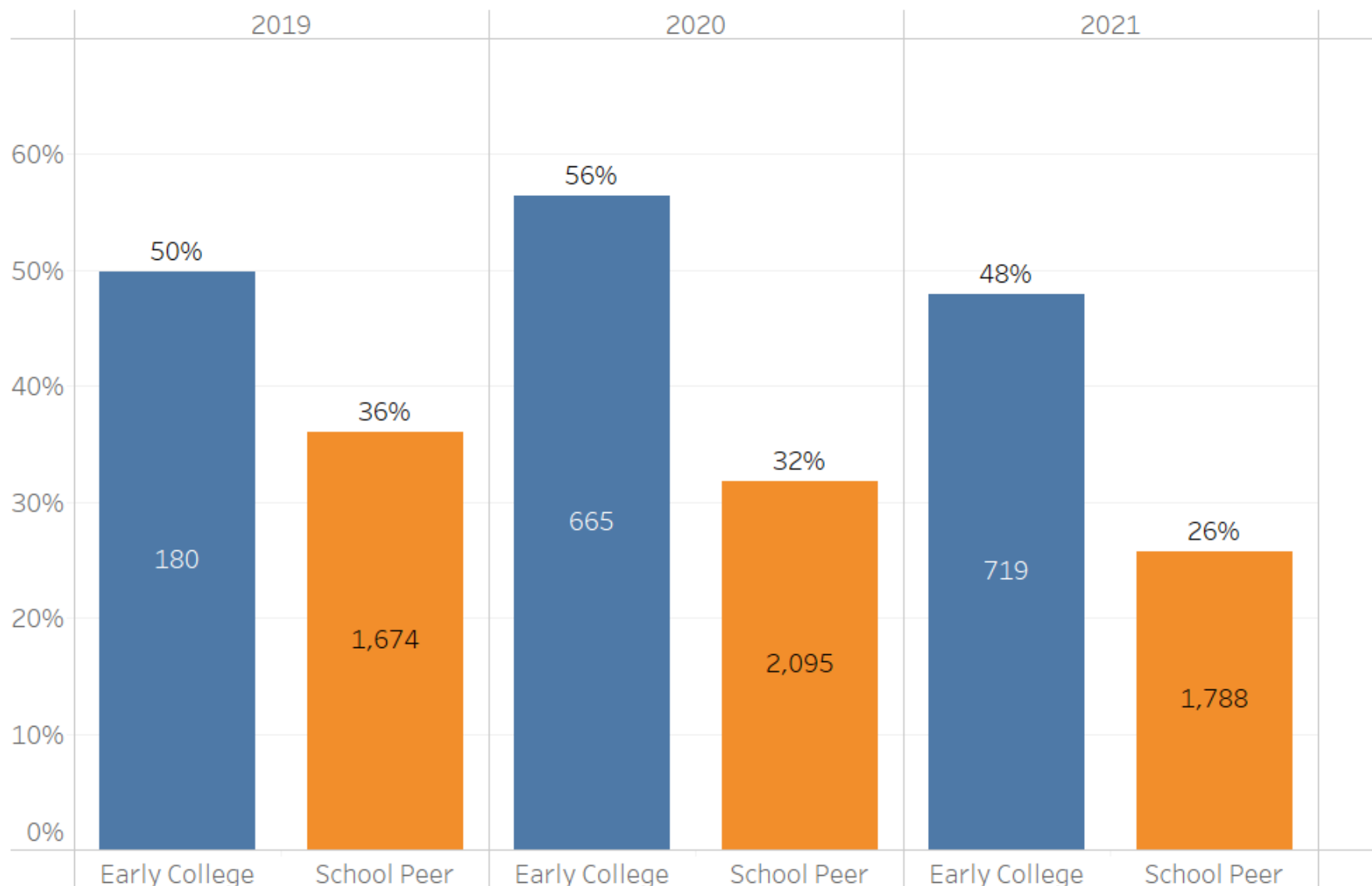
# MassCore completion rates are comparable across racial groups:

## EC MassCore Completion Rates by Race in 2020 (SIMS)



# EC FAFSA completion rates nearly on pace with 2019:

FAFSA Completion Rates as of February 1st each year

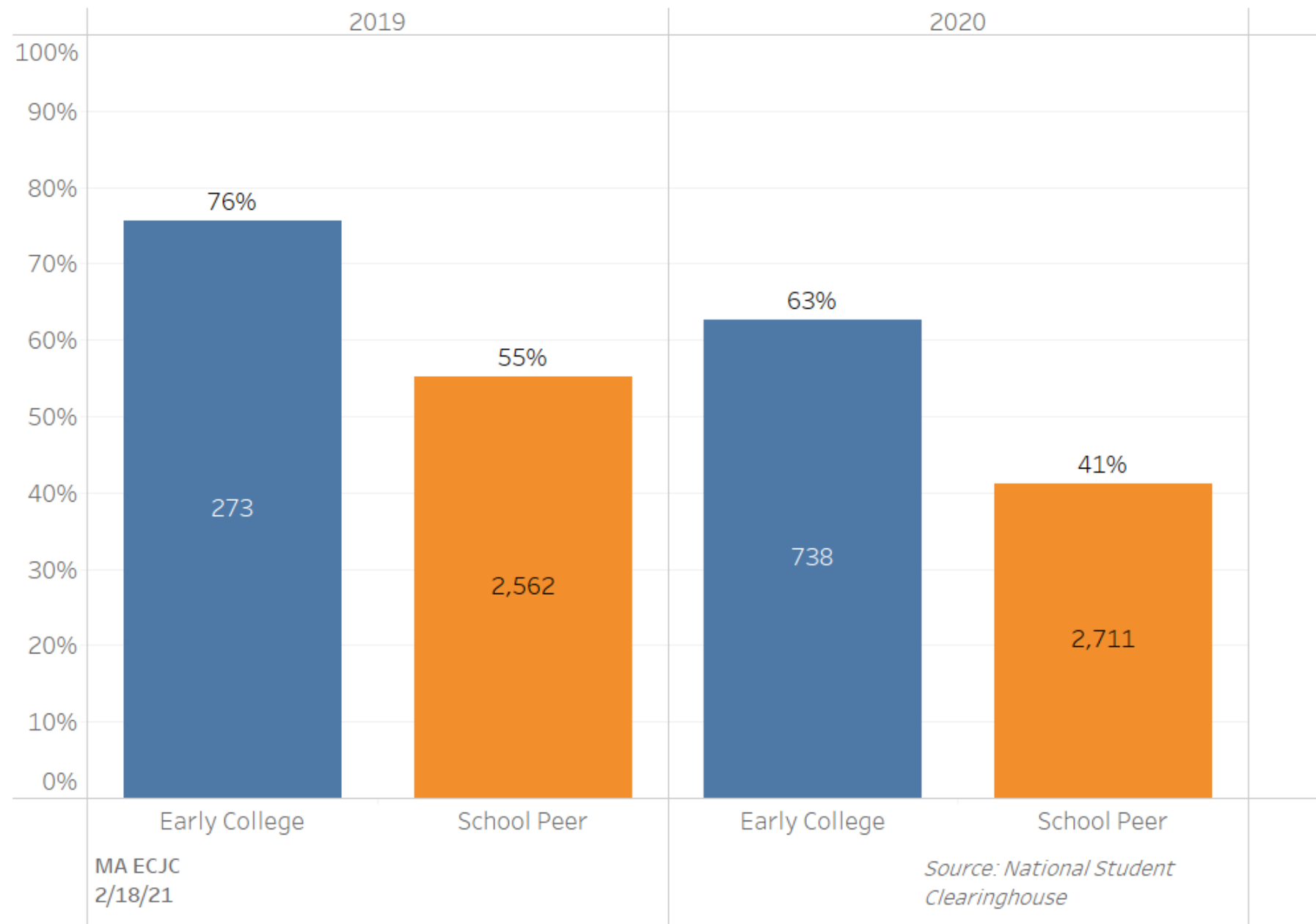


MA ECJC  
2/18/21

Source: U.S. Department of  
Education

# EC maintains 20+ percentage point difference in college enrollment:

## EC College Enrollment within 6 Months of High School Graduation

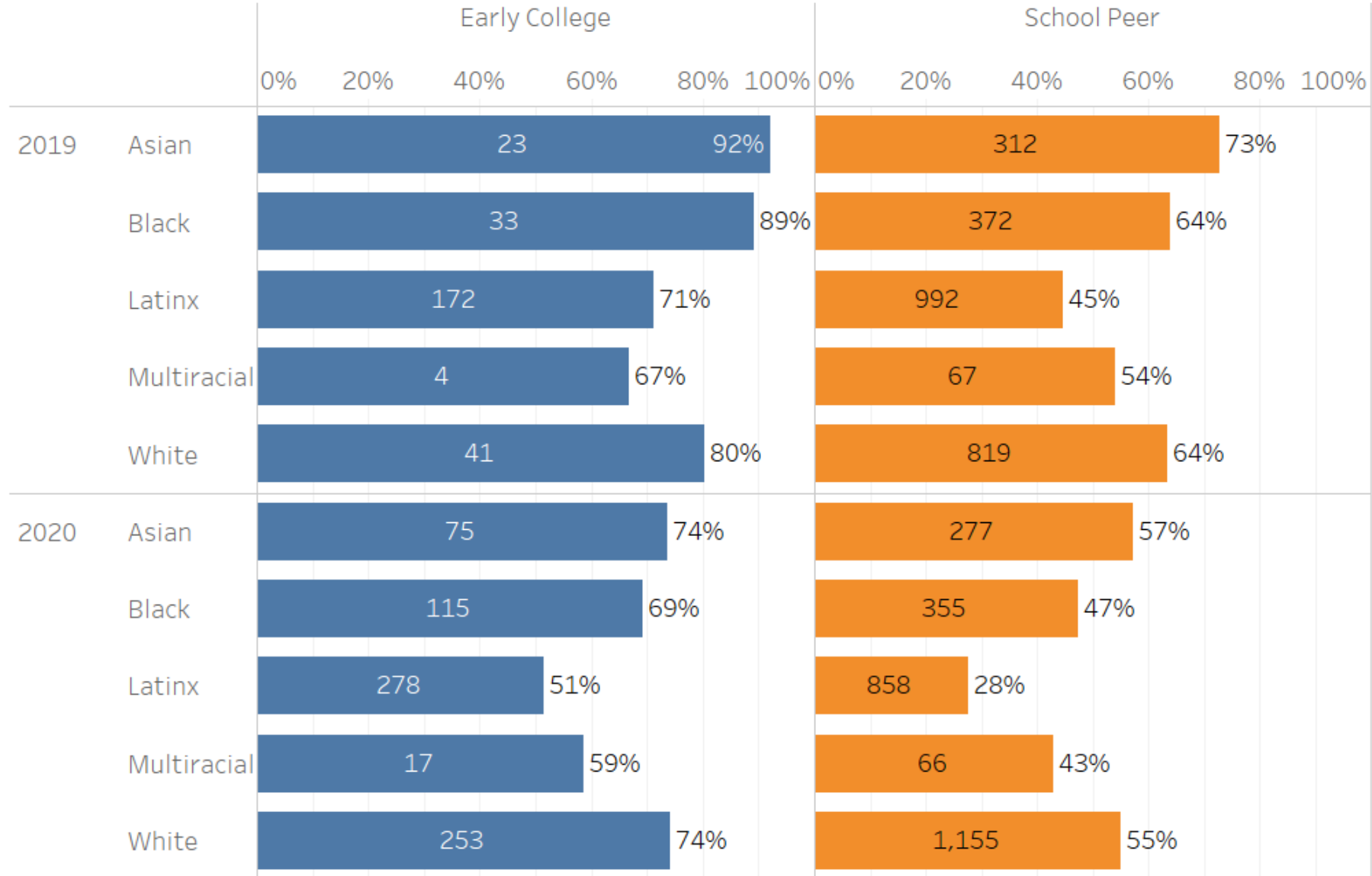


MA ECJC  
2/18/21

Source: National Student  
Clearinghouse

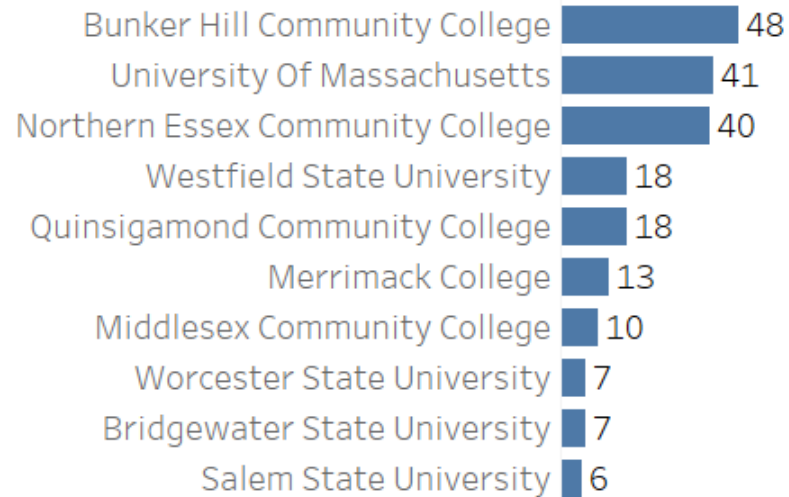
# Black/Latinx college enrollment is disproportionately affected by pandemic:

## EC College Enrollment within 6 Months of H.S. Graduation by Race

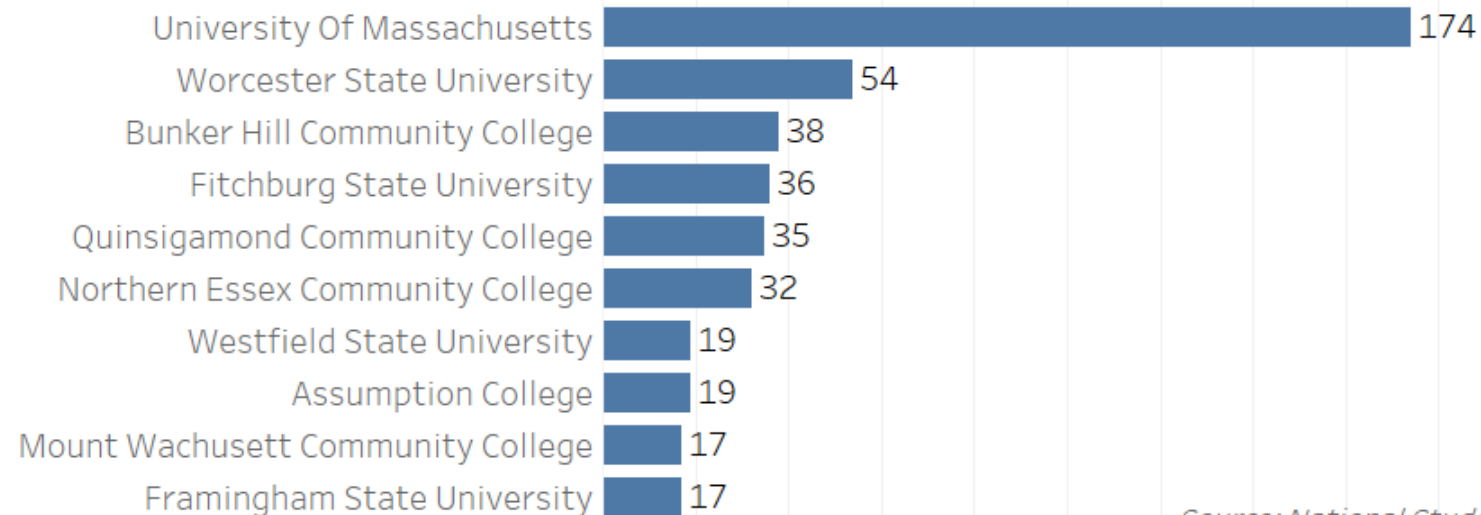


## EC students enrolled in college in 2020 mostly attended 4-year MA IHEs:

### Top 10 Destinations of EC Graduates in 2019

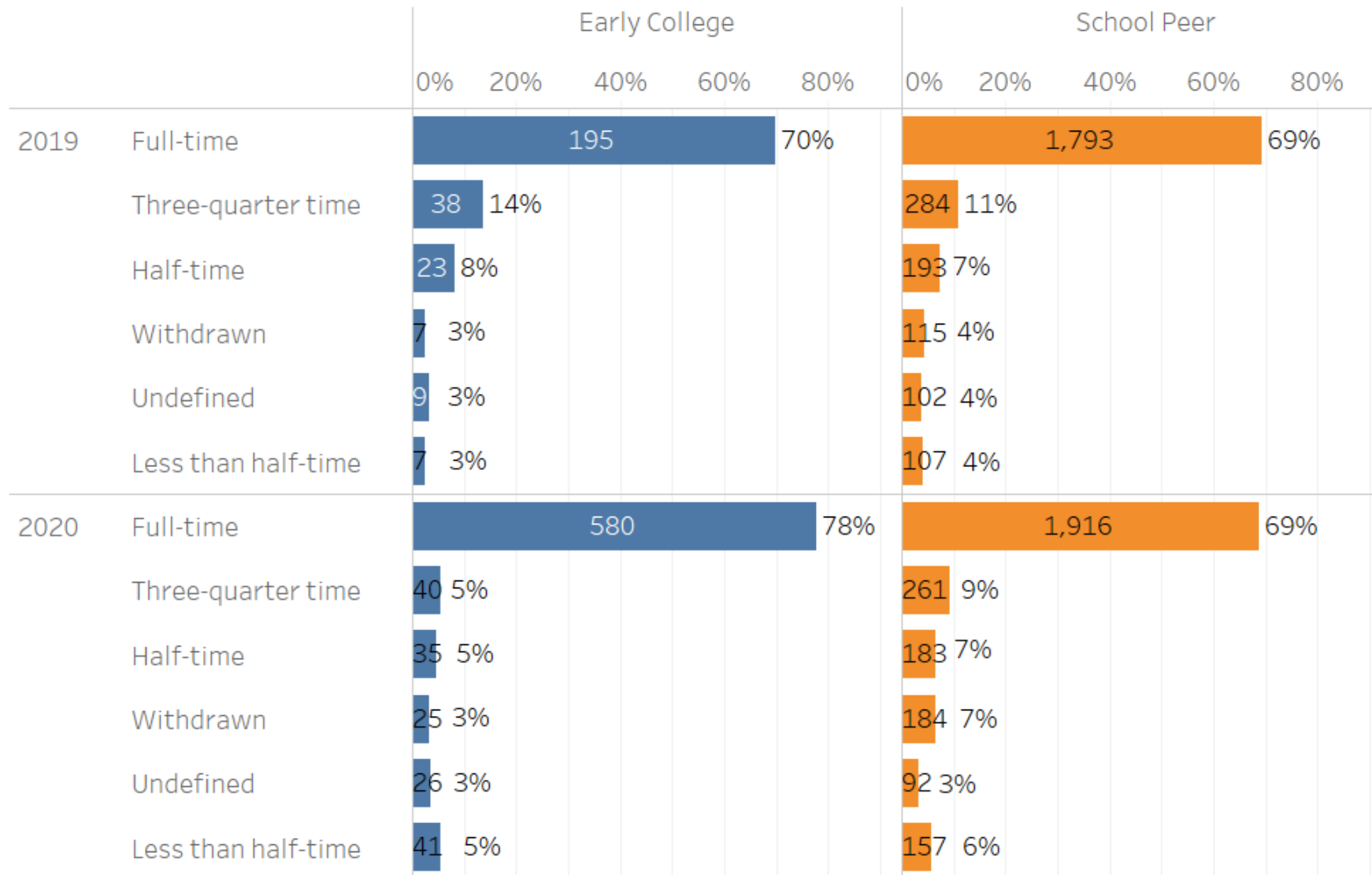


### Top 10 Destinations of EC Graduates in 2020



# The majority of EC graduates enrolled in college are full-time:

## Status of EC H.S. Graduates During 1st Semester in College



# EC graduates don't just go to college, they stay:

## EC 2019 H.S. Graduates 2nd Year Persistence Rate in College

