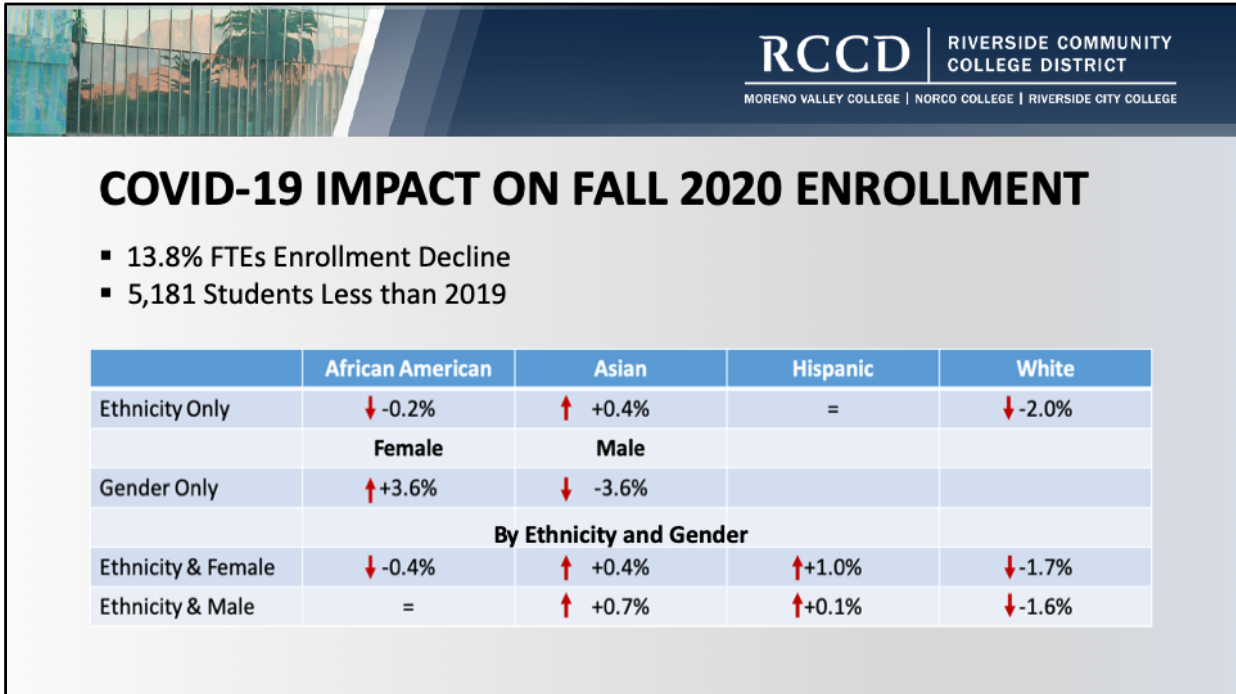
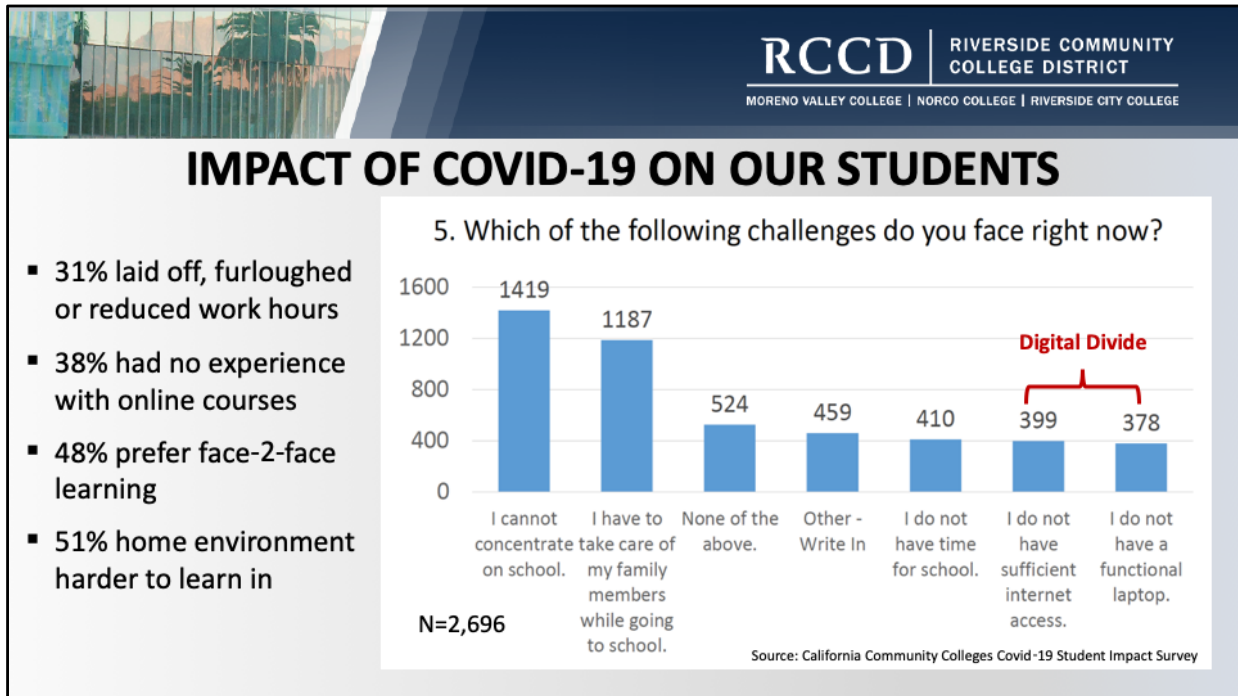




Socio-economic divide
Childcare



- Shortly after the pandemic began, the state chancellor's office conducted a survey of students and over 2500 of our students participated.
- We learned that:
 - One-third of surveyed students were laid off, furloughed or had work hours reduced
 - And majority found it difficult to concentrate on school often as a result of having to take care of family members
- In regard to learning in the virtual environment:
 - 38% had no experience with online courses
 - Nearly half preferred face-to-face learning and
 - 51% found their home environment harder to learn in due to distractions or competition over technology



RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT
 MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

IMPACT OF COVID ON OUR COMMUNITY

- 39% of jobs in Riverside County projected to be vulnerable, representing over 300,000 jobs (McKinsey & Company, May 2020)
 - 27% Accommodations and Food Service
 - 17% Retail
- By 2025, the time spent on work by humans and machines will be equal (Future of Jobs Report 2020)
- In-demand skills critical thinking, problem-solving, and active learning (World Economic Forum 10.20.20)
- 40% of the core job is expected to change as a result of automation requiring reskilling and upskilling on the job (World Economic Forum 10.20.20)

- Early on, various labor and market analyses indicated that 39% of jobs in Riverside County were vulnerable representing a loss of over 300,000 jobs.
 - By April 2020, we had lost nearly 30% By April 2020, 192,600 jobs were lost in the Inland Empire
 - As of September 2020, regained
- The pandemic has made clear that humans are critical even as we machines and automation comes to fore faster than anticipated due to COVID-19. As a result, critical thinking, problem-solving, active learning, and capacity to learn quickly are in high-demand

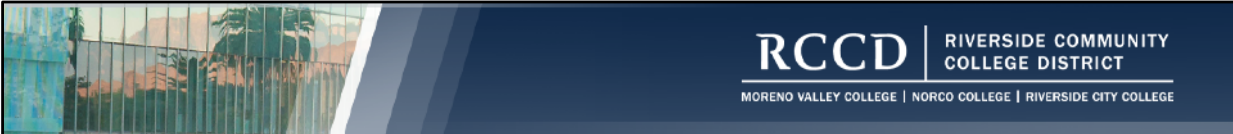


RCCD | RIVERSIDE COMMUNITY
COLLEGE DISTRICT
MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

OUR RESPONSE

- Guided Pathways: Intentionally designed to increase equity in access and success, facilitating socio-economic mobility
- Cyberpreneurship (NSF-ATE Funded)
- LAUNCH Apprenticeship Network
 - Cyber/IT Apprenticeship Strategy
- Non-Credit and Credit Courses, Certificates and Degrees
 - Entrepreneurship
 - Data Science and Analytics
 - Gig Economy
 - Workforce Essentials

- Merging Cyber Defense and Entrepreneurship, cross training students to prepare them for business ownership using AI
- LAUNCH Apprenticeship Network - establish system-wide infrastructure for a user-focused navigable apprenticeship system serving our region's businesses and students.



RCCD | RIVERSIDE COMMUNITY
COLLEGE DISTRICT
MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

RECOMMENDATIONS

- 1) Increase NSF Advanced Technical Education Funding
- 2) Increase US Dept of Education Title III Part F (STEM) and Title V Funding
- 3) Digital Divide: Invest in the digital infrastructure and make high-speed internet universal for all
- 4) Re-skilling, Up-skilling: Incentives for both worker AND employer via tax deductions or federal match to employer contributions
- 5) Stackable, Portable Degrees similar to the EU's Bologna Process and the Erasmus+ Programme

- Invest in building the digital infrastructure, especially in low socio-economic/low college-degree attainment communities providing high-speed internet access universal for all
- Implement workforce incentives that make re-skilling and up-skilling worth investing in for both the worker AND the employer via tax deductions
- Stackable, Portable Degrees similar to the EU's Bologna Process and the Erasmus+ programme, allowing students to take credits earned to ANY higher education institution across the United States and its territories
- Increase NSF Advanced Technical Education Funding – this is one of the few sources focused on STEM workforce development directed primarily to community colleges