USA & WORLD

- 'Extreme' atmospheric river triggers avalanche warnings.
- What part is Anonymous playing in the war effort against Russia?
- Study: 5 million children globally have lost parent/caregiver to COVID.
- Here's how cyberwarfare is fought across the internet.
- Five essential commodities that will be hit by war in Ukraine.
- Ukraine has been a proving ground for Russian cyberattacks.
- The West is already fighting in a cyber conflict.
- Putin's energy shock: The economic realities of invasion.
- Peace in Europe 'shattered' as Russia invades Ukraine.
- How a digital cold war with Russia threatens the IT industry.
- The average business receives 10,000 cybersecurity alerts every day.
- National Guard activated as truck convoys head to nation's capital.
- Chemical in COVID test kits can cause sickness if ingested.
- Are migrants to the U.S. a sign of a "failed state" in Mexico?
- Should Iran bet its future on Russia?
- 2022 Olympic Medal Count: How the U.S. fared in Beijing.
- Iran returns donated vaccines because they were made in the U.S.
- How a battery shortage could threaten US national security.
- Russia-Ukraine Crisis: Resources for the Crisis Management Team.
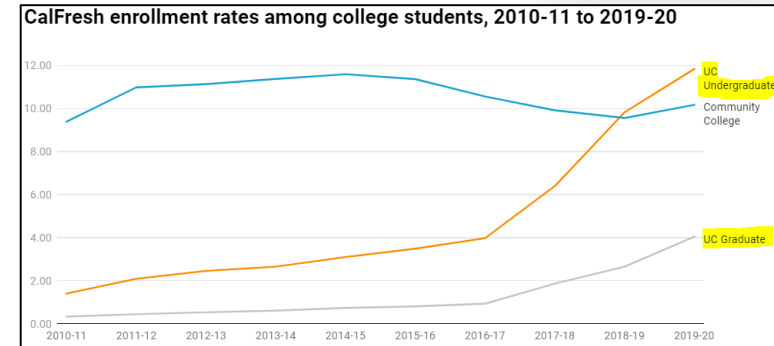- Ukrainian DDoS attacks should put U.S. on notice.

The COVID virus contains DNA that matches sequence patented by Moderna 3 years before pandemic began.
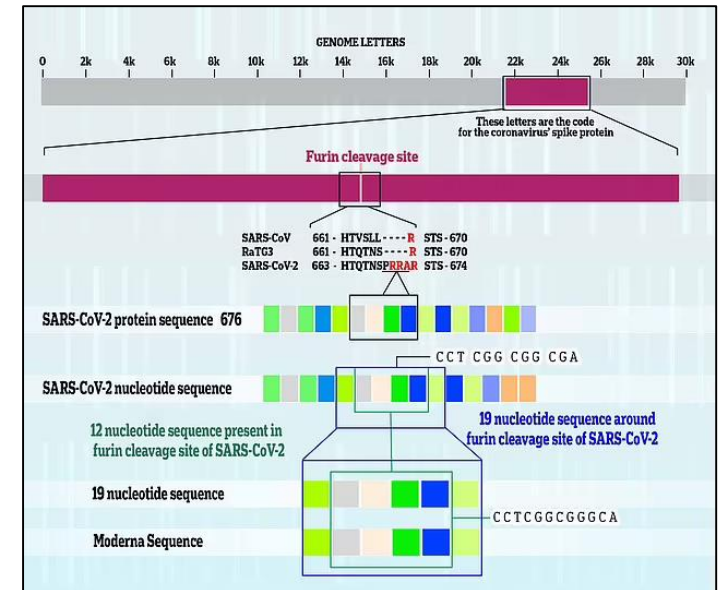
- The UK government is increasingly reassured that the pandemic was the result of a lab leak.
- New report suggests that there is a one-in-three trillion chance Moderna's sequence randomly showed up via natural evolution, at the very least "is highly unusual and requires further investigations."
- There are two theories on the origins of COVID-19:
  - One is that it was a lab leak, probably from viruses being investigated at the WIV.
  - The second is that the virus occurred naturally in bats, jumped to an intermediary animal (yet to be identified) and then to humans.
  - At this time, the evidence for each is about 50/50.

CALIFORNIA

- Drought drained $1.2 billion from CA agricultural sector in 2021.
- California to stop requiring masks at schools after March 11.
- Study: Cleaning products could expose people to pollution.
- UC hospitals create COVID-19 'Long Hauler' Task Force.
- Key to having a healthy forest? Frequent, low-intensity fires.
- New COVID Sick Leave Mandate: What employers need to know.
- UCB Poll: Majority support for COVID-19 mask, vaccine mandates.
- UC sees record breaking number of applications.
- California convoy opposing COVID-19 mandates hits the road.
- Citing drought, US won't give water to California farmers.
- Experts tell Senate that key climate change strategy is flawed.
- Patient Flow Program at UCD Health: A National Gold Star Winner.
- Study reveals most, least 'tax-friendly' states; how CA compares.
- State to allow bitcoin payments for govt services.
- Facial recognition software was used to combat insurance fraud.
- How will Ukraine-Russia Crisis affect California?
- State provides employees with more Supplemental Paid Leave.
- Troubling questions follow closure of sprawling pain clinic chain.
- UCSF research shows MDMA could help with psychiatric disorders.
- UCB may have to turn away 3,050 students this fall.

CalFresh enrollment rates among college students, 2010-11 to 2019-20

UC Undergraduate
Community College
UC Graduate

University of California student participation in CalFresh food benefits

- The CalFresh program, also known as SNAP or food stamps, can help college students make ends meet while attending school, but it's been unclear how many students are accessing and benefiting from this program because of data limitations.

- To address this need, the nonpartisan California Policy Lab (CPL) is partnering with California's higher education and safety-net systems to build a linked database to bring together data about college enrollment, financial aid, and CalFresh participation.

- As part of the Student Supports Project, CPL released a new data point today that provides original estimates of the number of University of California (UC) and California Community College (CCC) students who were enrolled in CalFresh during the 2019-20 Academic Year.

REGION

- Weekend fire guts a large pallet yard in Riverside.
- San Diego leaders introduce bill in hopes of ending gun violence.
- How Russia's invasion of Ukraine impacts the SoCal economy.
- Economic impact of Ukraine crisis felt in SoCal gas prices, groceries.
- RivCo Sheriff's Lieutenant dies in 'Line Of Duty' from COVID.
- SpaceX launches Starlink satellites from Vandenberg Space Force Base.
- Santa Ana police looking for man who stole $1M worth of COVID tests.
- Ukrainian Americans in SoCal outraged over Putin's attacks.
- SoCal Counties fight millions of hacking attempts.
- Orange County's high-density future.
- Autonomous electric vertical take-off and landing (eVTOL) flights.
- Southern California Edison bolsters wildfire mitigation efforts.
- Newsom calls Salton Sea the "Saudi Arabia of lithium."
- Beach closed after 50,000 gallons of raw sewage spilled into the ocean.
- Police chase stolen party bus across SoCal.
- SB County's COVID cases fall 73.9%; California cases plummet 65.9%.
- Disney is building planned communities with estates.

Mayor Patricia Lock Dawson Says Riverside "Building Tomorrow Today"

TOGETHER TOWARDS TOMORROW
STATE OF THE CITY 20 21
WITH MAYOR PATRICIA LOCK DAWSON
presented by

Mayor Patricia Lock Dawson used her second State of the City address to encourage Riversiders to rally around three main themes:
- **Reinventing our economy through Arts, Industry, and Innovation;**
- **Reimagining the River; and**
- **Revitalizing our Downtown.**

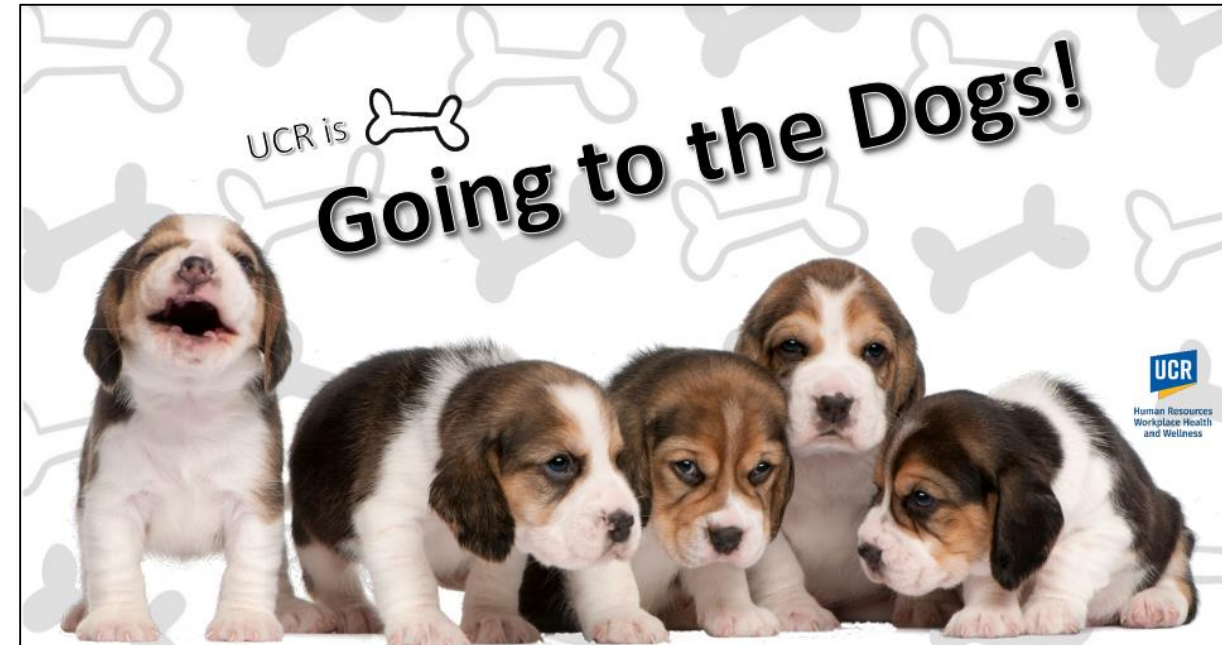**Working within that framework, Riverside can create its future by focusing on five key areas:**
- **Homelessness**
- **Quality of life**
- **Jobs**
- **The economy, and**
- **Division within our country and community**

Watch here

The County of Riverside Emergency Operations Center is currently activated to Management Watch.

COMMUNICATIONS

- **28 February:**
  - **Second VPIA Candidate Vision Seminar – Tuesday, March 1st**
  - **Nominations for the 2022-2023 Systemwide UC Women's Initiative for Professional Development (UC WI)**
- **25 February:**
  - **2022 Emergency Paid Sick Leave (EPSL) Guidance and Notice & Form**
  - **Staff Assembly Executive Board General Meeting: replay & links / resources**
- **24 February:**
  - **Paws to Share: Bringing Pets and People Together, March 23, 2022**
- **23 February:**
  - **50 years of Black and Chicano/Latino histories at UCR**

UCR is **Going to the Dogs!**

Paws to Share: Bringing Pets and People Together
Sponsored by UCR Healthy Campus and UCR Faculty/Staff Wellness Program
Dogs can bring a smile and a sense of calmness to individuals dealing with stress, anxiety and loneliness. Studies have proven that pets have calming effects, which can help boost positive mental and physical health benefit. Having pets in the workplace foster a healthy environment.

Tuesday, March 22, 2022 | 11am-2pm | HUB 355
UCR faculty and staff will have the opportunity to spend 10 minutes with a dog (and handlers) from the Paws to Share organization. Paws-to-Share brings the love of a pet to you! Sign up today before slots fill up.
To sign up for a 10-minute slot, please visit the workshop registration site.

Please Reference Notes Section For More Information

NOTABLE

- New interactive tool shows the chronic conditions affecting majority of U.S. adults
- Hundreds of AI projects underway as Defense Department eyes future combat
- Senators press HHS to detail plans for developing new COVID-19 vaccines
- Financing the preservation of diverse life on Earth in a capitalist system
- What Is Mass Formation Psychosis?
- Canadian Emergencies Act committee members will take oath of secrecy
- Drawing Lessons from the COVID-19 Crisis to Improve Emergency Response
- Wife of Navy engineer pleads guilty in submarine spy case
- Unprecedented oil spill catches researchers in Peru off guard
- Responding to Russian Cyber Operations
- Economic Consequences of the COVID-19 Pandemic: Will It Be a Barrier to Achieving Sustainability?
- The price of pandemics.
- IMF Special Series on COVID-19
- Dystopian robot dogs are the latest in a long history of US-Mexico border surveillance
- The Crisis of American Higher Education
- College presidents head for the exits
- Universities Face Existential Threats Unless They Transform Their Operating Models
- Are universities of the past still the future?
- Facing an existential crisis, some colleges do something rare for them — adapt
- Does the pandemic mark a breaking point for universities?

2022 California Children's Report Card

- A new [report](#) offers a glimpse into the struggles — and victories — children have experienced as the pandemic approaches the end of its second year.

- Education, child care, physical and mental health, homelessness, poverty, juvenile justice and food security are among the topics explored in the report, which issues A-through-F letter grades based on data and state policies.

- Of major concern:
  - disparity in learning loss during last year's school closures;
  - surge in suicides among Black youth;
  - many children aren't getting basic medical care.

- Policymakers need to do a better job addressing mental health challenges.
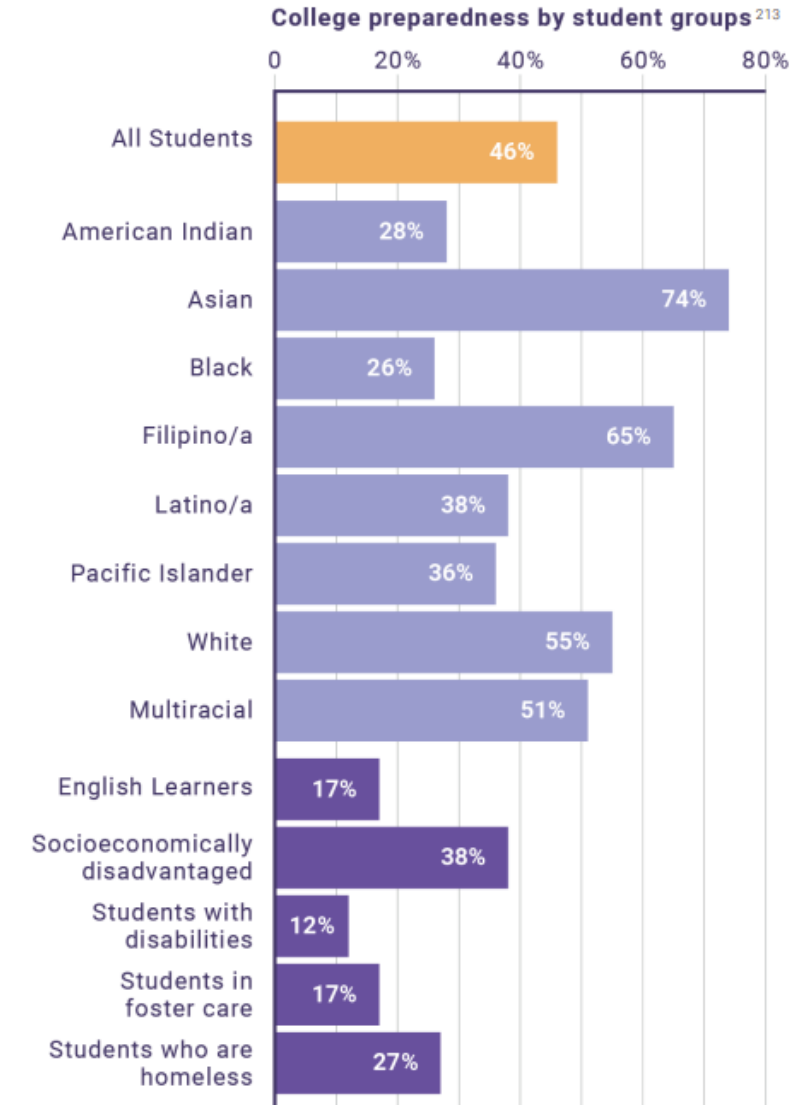
California lags behind most other states in the number of adults on school campuses, including teachers, counselors, tutors, social workers, nurses and psychologists.

Well Being Grades

- Health Insurance: **A-**
- Health Care Accountability: **D-**
- Health Care Access: **C-**
- Preventive Screenings: **D**
- Behavioral Health Care: Mental Health: **D+**
- Behavioral Health Care: Substance Use: **D-**
- Preventing Trauma & Supporting Healing: **C-**
- Oral Health Care: **C**
- Food Security: **C+**
- Child Care: **D+**
- Preschool & Transitional Kindergarten: **A-**
- Early Care & Education Workforce: **C**
- Expanded Learning Programs: **B**
- Early Intervention & Special Education: **D+**
- Education for Dual Language & English Learners: **C-**
- Education Funding: **C+**
- STEM Education: **C-**
- Teacher Pipeline & Retention: **C-**
- School Climate: Connections with Adults on Campus: **D**
- School Climate: Discipline & Attendance: **C-**
- Connected Cradle-to-Career Systems: **C+**
- Higher Education: **B-**
- Voluntary Evidence-Based Home Visiting: **C-**
- Paid Family Leave: **C**
- Income Assistance for Low-income Families: **B**
- Stable Homes & Enduring Relationships: **C**
- Health Care for Kids in Foster Care: **C**
- Education Supports for Students in Foster Care: **D**
- Relationships & Sexual Health Education: **C-**
- Supports for Unaccompanied Homeless Youth: **D+**
- Decriminalization of Youth: **D+**
- Opportunities for Youth Leadership & Engagement: **C**

What this means for Higher Education

- The challenges associated with the pandemic threaten to offset and undo years of improvements for high schools and colleges.
- This has caused alarmingly high learning losses in areas like math and reading around the world - this disruption has been described as "the worst education crisis ever recorded."
- High school graduation rates dipped in at least 20 states in 2021.
- This generation of students now risks losing $17 trillion in lifetime earnings in present value, or about 14 percent of today's global GDP, because of COVID-19-related school closures and economic shocks.
- Future success will be determined by the success of schools, colleges, and universities in supporting students to enroll in college, complete a bachelor's degree, and join the workforce with the skills and preparation needed to participate in the economy.
- California has no shortage of money. Our shortage is the lack of urgency and a coherent strategy to address our education system's needs.

'The system is working for some and not for others'

College preparedness by student groups [213]

Student group	Preparedness
All Students	46%
American Indian	28%
Asian	74%
Black	26%
Filipino/a	65%
Latino/a	38%
Pacific Islander	36%
White	55%
Multiracial	51%
English Learners	17%
Socioeconomically disadvantaged	38%
Students with disabilities	12%
Students in foster care	17%
Students who are homeless	27%

Available data may mask important differences between sub-groups.

What this means for Higher Education

Overall, California students are not well prepared for college.

California has defined college and career preparedness using multiple measures, and reports levels of preparedness on the California School Dashboard. While only 46% of all students met the criteria for "prepared," specific groups were even less likely to be ready for college due to structural racism, unstable living situations, and other barriers.

Increases in state funding allowed UC and CSU to significantly boost enrollment over the past decade, but it's still not enough to meet ever-increasing demand.

UC admitted its largest and most diverse class ever in fall 2021. However, over 71,000 freshman applicants were still denied admission, including nearly 44,000 Californians.[214]

35%
increase in new **CSU** student enrollment between 2010-2020

21%[215]
increase in new **UC** student enrollment between 2010-2020

2022 California Children's Report Card

	All	Health	Education	Child Welfare	Early Childhood

Statewide %'s for all races
Viewing 1—9 of 21

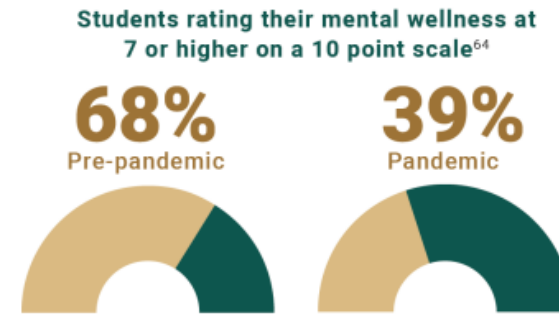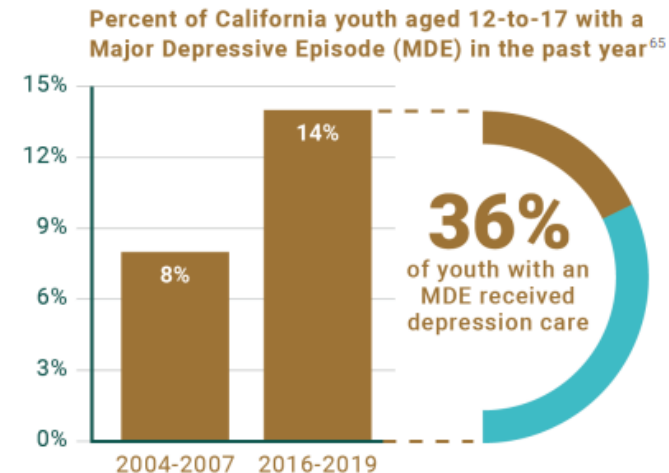|	
Children in working families for whom a licensed child care space was available No Race Data	25%
Students who were college- or career-ready	44%
Students who were ready or conditionally ready for college-level math courses	32%
Students who reported feeling connected to their school	55%
English Language Learner students who gained proficiency in English No Race Data	50%
3-and-4-year-olds enrolled in preschool or transitional kindergarten	49%
Youth in foster care who graduated high school on time	58%
12th graders who graduated high school on time	84%
8th graders who met or exceeded standards in math	37%

Measuring Learning Lag
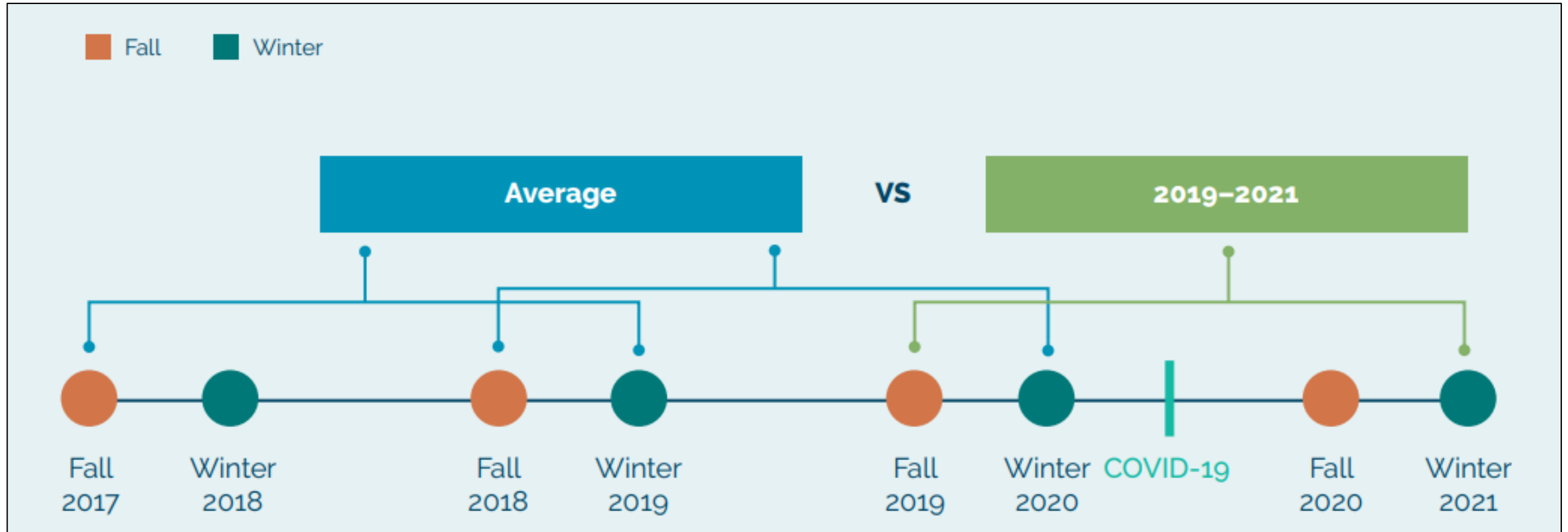
To summarize learning lag across assessments on different scales, results were converted to a single "months of learning" metric that used either a typical amount of growth from one year to the next or the range of achievement scores within a given school year.

Behavioral Health Care: Mental Health

The isolation, stress, and increased material hardships of the pandemic have strained the vulnerable mental health of California's young people.

Students rating their mental wellness at 7 or higher on a 10 point scale[64]

68%
Pre-pandemic

39%
Pandemic

Major Depressive Episodes (MDEs) among youth have grown in recent years, but only about a third of youth with an MDE received treatment in 2019.

Percent of California youth aged 12-to-17 with a Major Depressive Episode (MDE) in the past year[65]

15%
12%
9%
6%
3%
0%

14%

8%

2004-2007   2016-2019

36%
of youth with an MDE received depression care

California policymakers need to prioritize policies and programs that work across sectors to prevent behavioral health challenges as well as promptly and effectively treat difficulties that arise.

Behavioral Health Care: Drug Overdose

Between 2006 and 2015

there were 36,422 drug-related deaths among adolescents and young adults in the United States

In 2015

U.S. societal costs of drug-related deaths in adolescents and young adults were estimated at approximately $35.1 billion

Deaths due to drug overdose spiked during the pandemic.

Fentanyl is especially dangerous, leading to overdoses among young people.

Deaths due to drug overdose, California young people 15-to-24 years old [79]

947

306

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
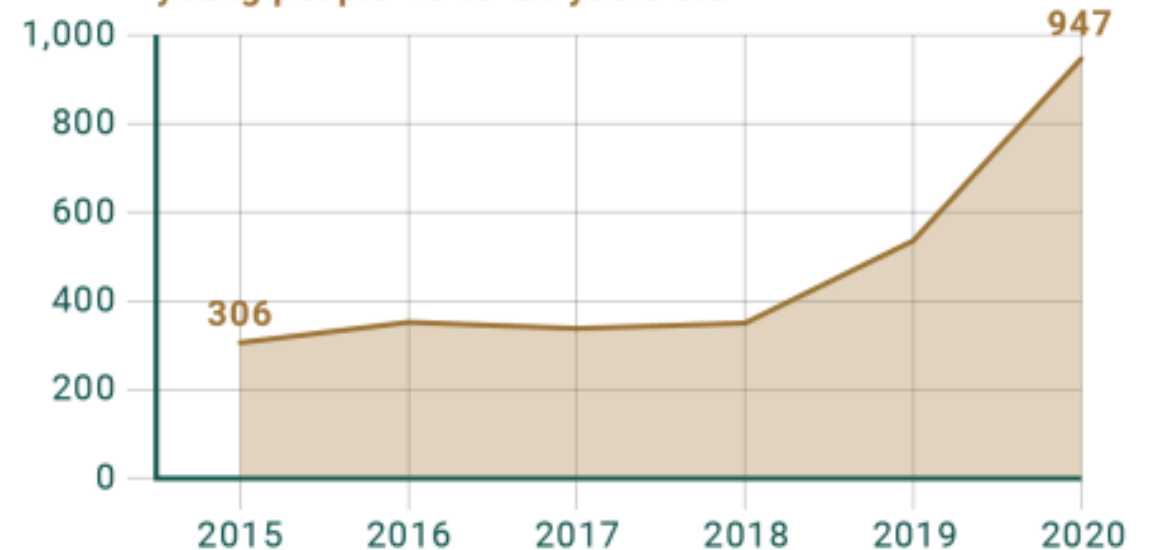
According to the CDC, the 15-to-24 age group saw the largest percentage increase in drug overdose death rates from 2019 to 2020, at 49%, but had the second-lowest overall rates among age groups.

Preventing Trauma & Supporting Healing

During the pandemic, children have been facing many types of Adverse Childhood Experiences (ACEs).

The term ACEs refers to a specific set of traumatic events including physical or emotional abuse or neglect; however, children can endure other significant traumas such as community violence, structural racism, homophobia, and separation from parents.

Percentage of adult caregivers whose oldest child was exposed to ACEs, by type of ACE, March to April 2021[85]

7% Basic needs not met

6% Experienced physical abuse at home

8% Experienced verbal abuse at home

7% Experienced sexual abuse

9% Witnessed domestic violence

9% Often felt unloved or unsupported

12% Household member was mentally ill

12% Household member abused alcohol or drugs

17% Parents or guardians were divorced or separated

10% Household member served time in jail

Preventing Trauma & Supporting Healing

Childhood trauma can negatively impact long-term physical and mental health, but protective factors can help neutralize those impacts.

Social connections, caring adults, and community supports can reduce the impact of ACEs.

A person with four or more ACEs is: [86]

12.2x more likely to attempt suicide

10.3x more likely to use injection drugs

2.2x more likely to have heart disease

2.4x more likely to have a stroke

21% more likely to be low-income

39% more likely to be unemployed

Protective factors that buffer the impact of ACEs: [87]

Knowledge of parenting & of youth development

Concrete support in times of need

Parental resilience

Social connections