



Success Rates in Online and Face-to-Face Classes by Race/Ethnicity

Fall 2021-Fall 2023

Success Rates in Online Synchronous, Asynchronous, and Face-to-Face Classes by Race/Ethnicity, Fall 2021-2023

Chabot College Modality (Total)**	Fall 2021			Fall 2022			Fall 2023		
	Online Sync (3,828)	Online Async (15,606)	Face-to-Face (3,187)	Online Sync (1,196)	Online Async (11,486)	Face-to-Face (9,647)	Online Sync (519)	Online Async (12,317)	Face-to-Face (12,137)
African American	63%	58%	81%	55%	58% ^{DI-}	71% ^{DI-}	47%	61%	64% ^{DI-}
Asian/Asian American	80% ^{DA+}	79% ^{DA+}	86% ^{DA+}	83% ^{DA+}	77% ^{DA+}	83% ^{DA+}	72% ^{DA+}	82% ^{DA+}	82% ^{DA+}
Filipino/a/x	74%	66%	71% ^{DI-}	65%	71%	78%	69%	75% ^{DA+}	78% ^{DA+}
Latino/a/x	63% ^{DI-}	60% ^{DI-}	77% ^{DI-}	65% ^{DI-}	63% ^{DI-}	69% ^{DI-}	56%	67%	70% ^{DI-}
Native American/Alaska Native	*	65%	*	*	68%	92% ^{DA+}	*	60%	*
Pacific Islander	71%	64%	91% ^{DA+}	59%	61%	74%	*	74%	69%
White	69%	70%	90% ^{DA+}	65%	55% ^{DI-}	84% ^{DA+}	64%	39% ^{DI-}	78% ^{DA+}
Multiracial	65%	63%	80%	74%	70%	75%	40%	67%	74%
Unknown	67%	57%	92% ^{DA+}	*	63%	81%	*	48%	80%
Overall Success Rate	69%	65%	81%	68%	65%	75%	58%	63%	74%

Source: Chabot-Las Positas Community College District Institutional Research Dataset

Note: Enrollments in Hybrid, Hyflex, Online Combined, and Other/Unknown (including apprenticeship) classes were not included.

* Success rates are not shown for groups smaller than 10 to protect student privacy.

** The modality total for success rates differs from the modality total for enrollments because enrollments that do not have useable success outcomes data (e.g., IP/in-progress or RD/report delayed) are excluded.

*** Metrics for group sizes less than 20 are in italics. They should be interpreted with caution, as the circumstances of a single student could cause substantial changes in success rates.

^{DI-} Disproportionate impact (DI-) is when a group achieves at a lower rate than the comparison group (and the difference in rates is larger than the margin of error). For calculated MOE $\geq 2\%$, the actual MOE is used; for calculated MOE $< 2\%$, 2% was used as the margin of error following the guidelines for PPG-1 from the California Community College Chancellor's Office. (<https://launchboard-resources.wested.org/resources/113>)

^{DA+} Disproportionate achievement (DA+) is when a group achieves at a higher rate than the comparison group (and the difference in rates is larger than the margin of error).

From Fall 2021 to Fall 2023, overall, **face-to-face courses** are most likely to have the **highest course success rates** of any modality; however, there is some variation.

- For African American/Black, Latinx, and White students, from Fall 2021 to Fall 2023, face-to-face courses consistently have higher course success rates than online courses (both asynchronous and synchronous).
- For Asian Americans, face-to-face courses either have the highest success rate or tie for the highest success rate: face-to-face have the highest success rate in Fall 2021, share the highest success rate with online synchronous in Fall 2022, and share the highest success rate with online asynchronous in Fall 2023.
- For Filipinx students, face-to-face courses have the highest success rates in Fall 2022 and 2023; however, during shelter-in-place, in Fall 2021, online synchronous courses had the highest success rate.



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- For Pacific Islander students, face-to-face course success rates are the highest in Fall 2021 and 2022; however, in Fall 2023 online asynchronous courses have the highest success rates.
- It is more difficult to establish trends in Native American/Alaska Native course success by modality due to fluctuations in percentages for small groups sizes and hiding some metrics to protect student privacy.

Disproportionate impact (DI-) is when a group achieves at a lower rate than the comparison group (and the difference in rates is larger than the margin of error). *Disproportionate achievement (DA+)* is when a group achieves at a higher rate than the comparison group (and the difference in rates is larger than the margin of error).

- Latinx and African American/Black students experience DI- most frequently across the nine metrics for success rates in course modalities (face-to-face, online synchronous, and online asynchronous) from Fall 2021 to Fall 2023.
 - African American students experience DI- on three of nine metrics (twice in face-to-face).
 - Latinx students experience DI- in seven of nine metrics (all three metrics in Fall 2021 and Fall 2022, and DI- in face-to-face success rates in Fall 2023).
- White students and Filipinx students experience both DI- and DA+.
 - White students experience DI- in online asynchronous course success rates in Falls 2022 and 2023. However, they also experience DA+ in face-to-face course success rates in all three falls.
 - Filipinx students experience DI- in face-to-face course success rates in Fall 2021; however, they experience DA+ in Fall 2023 in both online asynchronous and face-to-face courses.
- Asian American students consistently experience DA+ in all nine course success metrics Falls 2021-2023.
- Pacific Islander students also experience DA+ in face-to-face courses in Fall 2021.