



Student Wellbeing Key Performance Indicators: 2020 Data Report

Background of the Development of Key Performance Indicators

This document presents updated information on the student key performance indicators (KPIs) of the USC Well-being Collective, developed in partnerships with USC Student Affairs, USC Student Health, other campus units from the USC Well-being Collective and members of the student community.

Eight KPIs were selected from measures in the Healthy Minds and AlcoholEdu Surveys that have been implemented among the USC student population by the Office for Health Promotion Strategy at USC Student Health. These KPIs can be utilized to measure USC's progress toward achieving the common agenda of strengthening a culture driven by student wellbeing.

Data Sources

Baseline results of the KPIs were derived from the Healthy Minds Study I (HMS I) in the spring of 2018, the Healthy Minds Study II (HMS II) in the fall of 2018, and the 2018-2019 AlcoholEdu III Survey (AE1819) in May 2019. Updated results of the KPIs in 2020 were analyzed from the Student Well-being Index Survey in the spring of 2020 (SWIS I) and the 2019-2020 AlcoholEdu III Survey (AE1920) in May 2020.

Healthy Minds Study I and II

USC contracted the University of Michigan to implement the HMS in two phases in 2018. The HMS provides a detailed picture of mental health and related issues in college student populations. Schools typically use HMS data to identify needs and priorities, benchmark against peer institutions, evaluate programs and policies, plan for services and programs, and advocate for resources. HMS is approved by the Health Sciences and Behavioral Sciences Institutional Review Board at the University of Michigan.

The first phase of the HMS was conducted from March 19 to April 16, 2018. The HMS I included KPIs related to positive mental health, at-risk drinking, sexual assault, and upstanding behaviors. A sampling of 15,897 students: a random sampling of 4,000 undergraduates and 4,000 graduate students at the University Park Campus (UPC), a census population of 3,897 students at the Health Sciences Campus (HSC), and a random sampling of 4,000 graduate students from online programs were invited to participate in the HMS I. The overall participation rate for the HMS I was 28.6% (N = 4,543). Responses were weighted through the raking method by sex, race/ethnicity, degree program, and online or on-campus status to proportionally match census student population. The census student population data was provided from the Office of Institutional Research.

The second phase of the HMS was conducted from October 29 to December 9, 2018. The HMS II focused the KPIs related to sense of belonging, perceptions of fair and equitable treatment inside and outside of classrooms and other issues related to equity and inclusion. A total of 3,133 students out of 11,937 students (randomly sampling of 4,000 undergraduates and 4,000 graduate students at UPC and a census population of 3,937 graduate students at HSC) completed the HMS II. Similar to HMS I, responses were weighted through a raking method to better represent the entire student body. Data were weighted on gender, race/ethnicity, campus, and degree type using data provided by the Office of Institutional Research.

For additional questions, please contact:

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AlcoholEdu

AlcoholEdu is a research-based online alcohol education program designed to assist students in developing personal decision-making skills regarding alcohol use in college. All incoming first year and transfer undergraduate students are required to complete AlcoholEdu before the start of the semester and after six weeks in their first semester. Data on the rates of at-risk drinking among incoming undergraduate students were analyzed from the 2018-2019 AlcoholEdu Survey III as of May 1, 2019 and from the 2019-2020 AlcoholEdu Survey III as of May 12, 2020. Data were not weighted because all of the USC first-year and transfer undergraduates were required to complete the survey.

Student Well-being Index Survey

Student Well-being Index Survey (SWIS I) is an annual assessment tool to track the population health of USC students, developed by the Office for Health Promotion Strategy at USC Student Health. SWIS I provides timely data on health and wellbeing topics such as mental health, equity and inclusion, at-risk drinking, sexual violence, housing and financial insecurity, and COVID-19 for the USC community to identify priorities for appropriate resource allocation and programming, as well as to link research with policy and practice. A stratified random sample of 20,378 UPC students and a census sample of 3,461 HSC and 6,473 online students (a total of 30,313 students) were invited to participate in the SWIS from April 9 to May 8, 2020. At the end of data collection, 6,831 students completed the survey with the response rates of 22.5% with a margin of error of +/- 1.04% for the whole USC sample at the 95% confidence level. Data were subsequently weighted through a statistical raking procedure to reflect non-response by sex, race/ethnicity, school, degree level, and campus location. Survey participant characteristics for each of these data sources can be found in Table 3a-3c in the Appendix I: Survey Participant Characteristics.

No.	Data Source	Implemented By	Sampling Frame	Data Collection Period	Final Sample	Response Rate
1	Healthy Minds Study I (HMS I)	University of Michigan	15,897 UPC, HSC, and online students	03/19/2018 – 04/16/2018	4,543	28.6%
2	Healthy Minds Study II (HMS II)	University of Michigan	11,937 UPC and HSC students	10/29/2018 – 12/09/2018	3,133	26.3%
3	2018-2019 AlcoholEdu III (AE1819)	Everfi	All incoming undergraduates	09/06/2018 – 04/29/2019	6,242	98.8%
4	2019-2020 AlcoholEdu III (AE1920)	Everfi	All incoming undergraduates	08/09/2019 – 05/11/2020	5,588	98.5%
5	Student Well-being Index Survey (SWIS I)	USC Student Health	30,313 UPC, HSC and online students	04/09/2020 – 05/08/2020	6,831	22.5%



Defining Key Performance Indicators

KPI 1: Positive sense of belonging. Sense of belonging is a composite index of 5 items (The Healthy Minds Network, 2018):

- I feel valued as an individual at this school
- I feel I belong at this school
- I have considered leaving this school because I felt isolated or unwelcomed (reversed coding)
- This school is a place where I am able to perform up to my full potential
- I have found one or more communities or groups where I feel I belong at this school

Respondents rated their agreement with these items from (1) strongly disagree to (5) strongly agree. Students with positive sense of belonging have a summative score of at least 20 out of 25 points on this index, an average of at least 4 (agree) on all items.

KPI 2: Perception on being treated fairly and equitably in classrooms and classroom settings.

Respondents rated their agreement from (1) strongly disagree to (5) strongly agree if 'I am treated fairly and equitably in classrooms and classroom settings,' (The Healthy Minds Network, 2018). Students who feel they are treated fairly and equitably answer either (4) agree or (5) strongly agree.

KPI 3: Perception on being treated fairly and equitably out-of-classroom university spaces.

Respondents rated their agreement from (1) strongly disagree to (5) strongly agree if 'I am treated fairly and equitably in out-of-classroom university spaces,' (The Healthy Minds Network, 2018). Students who feel they are treated fairly and equitably answer (4) agree or (5) strongly agree.

KPI 4: Positive Mental Health. Measured using the Flourishing Scale (Diener et al., 2010) with 8 items including:

- I lead a purposeful and meaningful life
- My social relationships are supportive and rewarding
- I am engaged and interested in my daily activities
- I actively contribute to the happiness and wellbeing of others
- I am competent and capable in the activities that are important to me
- I am a good person and live a good life
- I am optimistic about my future
- People respect me

Participants rated their agreement from (1) strongly disagree to (7) strongly agree. People with a positive mental health score 48 or more out of 56 in the scale, an average of at least 6 (agree) for all the items.

KPI 5-6: At risk-drinking. At-risk drinking is defined as 4 or more drinks for women, 5 or more drinks for men, and 4 or more drinks for unknown biological sex/intersex in one occasion for the past two weeks (National Institute on Alcohol Abuse and Alcoholism, 2015).

KPI 7: Sexual assault. Participants were asked: 'In the past 12 months, have you experienced any unwanted sexual contact? Please count any experience of unwanted sexual contact, e.g., touching of your sexual body parts, oral sex, anal sex, sexual intercourse, and penetration of your vagina or anus with a finger or object] that you did not consent to and did not want to happen regardless of where it happened.' (The Healthy Minds Network, 2018).

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KPI 8: Upstanding Behaviors. Upstanding Behavior is measured by students who have intervened for someone in at least one of the following situations: 1) drinking too much; 2) at risk of being sexually assaulted; 3) using harassing language towards others; 4) under emotional distress or suicidal; and 5) physical altercations (The Healthy Minds Network, 2018)

2020 Results of the 8 Key Performance Indicators

The following table demonstrates the 2018-2019 baseline and 2020 results of the eight student wellbeing KPIs.

For example, indicator #1 shows that USC students had a significant increase in positive sense of belonging of 3.2% from 43.1% in 2018 to 46.3% in 2020. Indicator #6 shows that 20.0% of incoming undergraduate students (first-year and transfer students) were engaged in at-risk drinking after spending 6 weeks on campus in the 2019/2020 academic year, a 1.4% decline from 21.4% in the 2018/2019 academic year.

Table 2: Changes in Student Wellbeing KPIs from 2018-2019 Baseline to 2020

No	Key Performance Indicators	2018-2019 Baseline	2020 Result	% Change	p	φ
1	% of students with positive sense of belonging	43.1%	46.3%	+3.2%	.006	.030
2	% of students who feel they are treated fairly and equitably in classrooms and classroom settings	84.2%	84.9%	+0.7%	.412	.009
3	% of students who feel they are treated fairly and equitably in out-of-classroom university spaces	79.6%	82.2%	+2.6%	.005	.030
4	% of students with positive mental health	45.3%	51.0%	+5.7%	.000	.055
5	% of students who engage in at-risk drinking in the past 2 weeks	38.6%	22.8%	-15.8%	.000	.183
6	% incoming undergraduate students who are at-risk drinkers after 6 weeks on campus	21.4%	20.0%	-1.4%	.057	.022
7	% of students who experience sexual assault in the last 12 months	7.4%	4.9%	-2.5%	.000	.167
8	% of students who report upstanding behaviors	34.6%	44.3%	+9.7%	.000	.097

Notes

- Bolded p-value indicate that the KPI data between the 2018-2019 baseline and 2020 are statistically significant at $p < .05$, $p < .01$ or $p < .001$.
- ϕ coefficients show the effect size, the magnitude of the differences between the baseline and 2020 data. Bolded ϕ coefficients have at least a small effect size ($.10 \leq \phi < .30$), a medium effect size ($.30 \leq \phi < .50$) or a large effect size ($.50 \leq \phi$).

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- Data on positive sense of belonging, fairness & equity in and out of classroom, and upstanding behaviors were analyzed from on-campus survey participants only as online students were not asked these questions in the baseline surveys.

Summary of the Changes in KPI Findings from 2018-2019 Baseline to 2020

- Overall, all of the student wellbeing KPIs trend in the favorable direction from 2018-2019 baseline to 2020.
- In particular, four KPIs (positive sense of belonging, fairness and equity out of classroom, positive mental health, and upstanding behaviors) were found to have significant positive increase from the baseline in 2018-2019 to Spring 2020.
- Despite the COVID-19 pandemic, 56% of USC students who were enrolled at UPC or HSC continued to live on or near campus in Los Angeles and another 22% remained in California. While students moved to online classes, and practiced physical distancing, data demonstrate that students had more positive sense of belonging (+3.2%) and mental health (+5.7%) when compared to data from two years prior.
- The rates of at-risk drinking and sexual assault among USC students have decreased significantly by 15.8% and 2.5% respectively. These changes could be attributed to the stay-at-home order in Los Angeles during the data collection in 2020. The order required the closure of campuses, clubs, bars, restaurants, and other gathering places to prevent the spread of COVID-19. These environmental and policy changes might have limited students from accessing locations where alcohol over consumption and sexual assault were more likely to occur.
- Upstanding behaviors among students also increased by almost 10% from 34.6% to 44.3%. More students have stepped up to intervene when they witnessed someone engaged in discriminatory behaviors toward other students, drank too much alcohol, at risk of being in a situation where they could encounter sexual assault or physical assault, or were displaying suicidal and self-harm thoughts and behaviors.

Equity in Student Wellbeing in 2020

- Refer to Table 4a – Table 4f in Appendix II: Disaggregated Student Wellbeing KPIs to see the intricacies of intersectionality and extremely varied lived experience of USC students from different identities (race/ethnicity, gender identity & sexual orientation, first generation status, disability status, affiliation with the military, and program of study) in each KPI.

Positive Sense of Belonging

- First generation students reported almost 5% increase in positive sense of belonging from 35.3% in 2018 to 40.2% in 2020.
- Positive sense of belonging also increased significantly by 6.3% (from 42.0% in 2018 to 48.3% in 2019) among undergraduate students
- For 2020, Mixed-race (40.8%), Black/African American (41.6%), International Asian (43.1%) and Asian American (44.6%) students continued to be the racial/ethnic groups with the least sense of belonging at USC.
- Mixed-race and Black/African American students were 1.3 times less likely than White students to have a positive sense of belonging at USC.
- LGBTQ+ students were also 1.3 times less likely than cis-heterosexual students to have a positive sense of belonging

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Fairness and Equity in and out of the Classroom

- Only 67% of Indigenous and Black/African American students felt they were treated fairly and equitably in the classrooms compared to 80% or more of students from other races and ethnicities.
- Among the first-generation students, more reported to be treated fairly and equitably outside the classrooms at USC from 72.2% in 2018 to 76.2% in 2020.
- Nevertheless, first generation students were still 1.5 more likely to feel they were not treated fairly and equitably out of the classrooms than non-first generation students.

Positive Mental Health

- Asian American (45.3%), International (46.5% International Asian and 50.0% International Non-Asian), Mixed-Race (50.2%) and LGBTQ+ (40.9%) students had the lowest rates of positive mental health.
- Students with one or more disabilities were 1.5 times less likely than students without a disability to have positive mental health.
- Positive mental health intersected with age, gender identity, sexual orientation and race/ethnicity: While 55.9% of Black students from the whole USC population might have positive mental health, only 7.9% of Black LGBTQ+ undergraduates students had positive mental health, followed by 33.3% of Asian American LGBTQ+ and 33.5% of White LGBTQ+ undergraduates.

At-risk Drinking

- AlcoholEdu data before Spring Break in 2020 show that the rates of at-risk drinking among incoming undergraduates were trending down across most racial groups from 2018/2019 to 2019/2020 academic calendar year.
- However, at-risk drinking among international students went up from 6.1% to 9.7% among International Asian and 22.3% to 27.2% among International Non-Asian students.
- After USC moved most of its on-campus classes to online instruction during the COVID-19 pandemic in 2020, the prevalence of at-risk drinking decreased significantly across all demographics when compared to data from Spring 2018.
 - 50.3% to 31.3% (-19.0%) among White students
 - 45.2% to 26.3% (-18.9%) among Mixed-race students
 - 41.0% to 22.5% (-18.5%) among cis heterosexual male students
 - 35.6% to 21.7% (-13.9%) among cis heterosexual female students
 - 42.1% to 25.9% (-16.2%) among LGBTQ+ students
 - 45.4% to 25.3% (-20.1%) among undergraduate students

Sexual Assault

- Students with disability across gender identity/sexual orientations and all programs of study were 2 times more likely than those without disability to experience unwanted sexual contact in the past 12 months
- 8% of undergraduate students and 2.6% of graduate students across all gender identity/sexual orientations have experienced unwanted sexual contact in the past 12 months



Upstanding Behaviors

- More than half of Mixed-race, White, Black/African American and Middle Eastern/Arab American students have intervened to support someone on USC campus who they witnessed to have been drinking too much, at risk of being sexually or physically assaulted, being verbally harassed, or under emotional distress.
- Less international students (39.1% non-Asian and 22.2% Asian) reported to have engaged in upstanding behaviors due to different cultures and fear of negative consequences on their immigration and educational status.
- 40.3% of cis-heterosexual male, 45.8% of cis-heterosexual female, and 49.0% of LGBTQ+ students have engaged in upstanding behaviors
- Most of upstanding behaviors were reported from undergraduate students (63%), compared to graduate students (less than 30%).



Appendix I: Survey Participant Characteristics

Table 3a: Participant Characteristics from the Healthy Minds Survey I - Spring 2018 (HMS I)

	All Students (N = 4,543)		On Campus Students (n = 4,046)		UG - Heterosexual Male (n = 720)		UG - Heterosexual Female (n = 757)		UG - LGBTQ+ (n = 319)	
	n	%	n	%	n	%	n	%	n	%
Race/Ethnicity										
Domestic students										
- Asian	760	16.7%	827	20.4%	151	20.9%	165	21.7%	54	16.8%
- Black/African American	284	6.3%	212	5.3%	26	3.6%	36	4.7%	20	6.1%
- Latinx/Hispanic	691	15.2%	577	14.3%	102	14.1%	98	13.0%	57	17.9%
- Middle Eastern/Arab	99	2.2%	74	1.8%	5	0.7%	9	1.2%	5	1.5%
- Mixed	149	3.3%	141	3.5%	40	5.5%	40	5.3%	19	5.9%
- White	1,485	32.7%	1,300	32.1%	275	38.1%	310	41.0%	143	45.0%
- Other/Unknown	68	1.5%	58	1.5%	6	0.9%	5	0.7%	-	-
International Students										
- International Asian	832	18.3%	827	20.4%	89	12.3%	79	10.4%	18	5.6%
- International Non-Asian	159	3.5%	154	3.8%	28	3.9%	15	1.9%	4	1.1%
Gender and Sexual Orientation										
- Cis-Heterosexual Male	1,776	39.1%	1,648	40.7%	-	-	-	-	-	-
- Cis-Heterosexual Female	2,156	47.5%	1,848	45.7%	-	-	-	-	-	-
- LGBTQ+	611	13.4%	550	13.6%	-	-	-	-	-	-
First Generation¹										
Non-First Generation	3,147	69.3%	2,884	71.3%	551	76.5%	585	77.3%	243	76.3%
Registered with DSP²										
Not registered with DSP	4,317	95.0%	3,838	94.9%	667	92.7%	699	92.3%	292	91.5%
Affiliated with the Military³										
Not affiliated with the Military	4,319	95.1%	3,872	95.7%	700	97.1%	748	98.9%	317	99.3%
Program Location										
- Undergraduate at UPC	1,795	39.5%	1,794	44.3%	-	-	-	-	-	-
- Graduate at HSC	332	7.3%	332	8.2%	-	-	-	-	-	-
- Graduate at UPC	1,920	42.3%	1,920	47.5%	-	-	-	-	-	-
- Graduate online	496	10.9%	-	-	-	-	-	-	-	-

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Table 3b: Participant Characteristics for the Healthy Minds Survey II - Fall 2018 (HMS II) and AlcoholEdu Survey III in 2018/2019 (AE1819) and 2019/2020 (AE1920)

	On Campus Students (N = 3,133)		All Incoming Undergraduates (N = 6,248)		All Incoming Undergraduates (N = 5,588)	
Data Source	HMS II		AE1819		AE1920	
	n	%	n	%	n	%
Race/Ethnicity						
Domestic students						
- Asian	539	17.2%	1,298	20.8%	1,299	23.2%
- Black/African American	195	6.2%	252	4.0%	251	4.5%
- Latinx/Hispanic	496	15.8%	549	8.8%	450	8.1%
- Middle Eastern/Arab	47	1.5%	-	-	-	-
- Mixed	148	4.7%	713	11.4%	637	11.4%
- White	991	31.6%	2,173	34.8%	1,738	31.1%
- Other/Unknown	26	0.8%	131	2.1%	109	2.0%
International Students						
- International Asian	585	18.7%	585	9.4%	589	10.5%
- International Non-Asian	93	3.0%	386	6.2%	360	6.4%
Gender and Sexual Orientation						
- Cis-Heterosexual Male	1,196	38.2%	2,401	38.4%	2,070	37.0%
- Cis-Heterosexual Female	1,389	44.3%	2,524	40.4%	2,246	40.2%
- LGBTQ+	518	16.5%	904	14.5%	867	15.5%
First Generation	918	29.3%	1,354	21.7%	1,238	22.2%
Non-First Generation	2,175	69.4%	4,596	73.6%	4,077	73.0%
Registered with DSP*	146	4.7%	179	2.9%	418	7.5%
Not registered with DSP	2,899	92.5%	6,013	96.2%	4,197	75.1%
Affiliated with the Military	94	3.0%	64	1.0%	69	1.2%
Not affiliated with the Military	2,954	94.3%	5,852	93.7%	5,182	92.7%
Program Location						
- Undergraduate at UPC	1,243	39.7%	-	-	-	-
- Graduate at HSC	263	8.4%	-	-	-	-
- Graduate at UPC	1,593	50.8%	-	-	-	-
- Graduate online	-	-	-	-	-	-

*For AlcoholEdu Surveys, the numbers represent students who reported to have at least one disability, not necessarily that they have registered with USC DSP



Table 3c: Participant Characteristics for the Student Wellbeing Index Survey - Spring 2020 (SWIS I)

	All Students (N = 6,831)		On Campus Students (n = 5,882)		UG - Heterosexual Male (n = 1,196)		UG - Heterosexual Female (n = 964)		UG - LGBTQ+ (n = 726)	
	n	%	n	%	n	%	n	%	n	%
Race/Ethnicity										
Domestic students										
- Asian	1,232	18.0%	1,101	18.7%	232	24.0%	307	25.7%	122	16.9%
- Black/African American	346	5.1%	233	4.0%	35	3.6%	61	5.1%	38	5.3%
- Latinx/Hispanic	685	10.0%	489	8.3%	90	9.3%	116	9.7%	67	9.2%
- Middle Eastern/Arab	118	1.7%	109	1.9%	16	1.6%	37	3.1%	18	2.4%
- Mixed	668	9.8%	569	9.7%	124	12.9%	125	10.4%	118	16.2%
- White	1,972	28.9%	1,613	27.4%	345	35.8%	405	33.9%	245	33.8%
- Other/Unknown	56	0.8%	35	0.6%	9	0.9%	7	0.5%	3	0.5%
International Students										
- International Asian	1,411	20.7%	1,402	23.8%	78	8.1%	85	7.1%	80	11.0%
- International Non-Asian	342	5.0%	330	5.6%	35	3.6%	54	4.5%	34	4.7%
Gender and Sexual Orientation										
- Cis-Heterosexual Male	2,427	35.5%	2,339	39.8%	-	-	-	-	-	-
- Cis-Heterosexual Female	2,823	41.3%	2,129	36.2%	-	-	-	-	-	-
- LGBTQ+	1,478	21.6%	1,322	22.5%	-	-	-	-	-	-
First Generation										
Non-First Generation	5,052	74.0%	4,560	77.5%	786	81.5%	934	78.1%	573	79.0%
Registered with DSP	309	4.5%	271	4.6%	47	4.9%	84	7.0%	59	8.1%
Not registered with DSP	6,503	95.2%	5,596	95.1%	917	95.1%	1,112	93.0%	662	91.3%
Affiliated with the Military										
Not affiliated with the Military	6,583	96.4%	5,725	97.3%	915	94.9%	1,189	98.7%	718	0.6%
Program of Study										
- Undergraduate at UPC	2,923	42.8%	2,923	49.7%	-	-	-	-	-	-
- Graduate at HSC	494	7.2%	494	8.4%	-	-	-	-	-	-
- Graduate at UPC	2,462	36.1%	2,464	41.9%	-	-	-	-	-	-
- Graduate online	950	13.9%	-	-	-	-	-	-	-	-



Appendix II: Disaggregated Student Wellbeing KPIs

Table 4a: Percent of USC Students with Positive Sense of Belonging and Who Felt They Were Treated Fairly and Equitably in the Classrooms by Different Demographics from 2018 to 2020

Disaggregated Categories	KPI 1: Positive Sense of Belonging On-Campus Students					KPI 2: Fairness and Equity in the Classrooms On-Campus Students				
	HMS II	SWIS I	% Change	p	φ	HMS II	SWIS I	% Change	p	φ
	%	%				%	%			
Overall	43.1%	46.3%	3.2%	.006	.030	84.2%	84.9%	0.7%	.412	.009
Race/Ethnicity										
Domestic students										
- Asian	39.7%	44.6%	4.9%	.079	.045	87.2%	85.4%	-1.8%	.363	-.023
- Black/African American	34.4%	41.6%	7.2%	.150	.073	73.0%	67.0%	-6.0%	.205	-.064
- Latinx/Hispanic	40.2%	46.4%	6.2%	.058	.062	79.1%	80.1%	1.0%	.706	.012
- Middle Eastern/Arab	47.4%	47.3%	-0.1%	.992	-.001	81.1%	85.3%	4.2%	.541	.051
- Mixed	42.3%	40.8%	-1.5%	.748	-.012	76.0%	80.9%	4.9%	.212	.047
- White	49.9%	52.1%	2.2%	.293	.021	87.1%	88.0%	0.9%	.493	.014
- Other/Unknown*	-	45.7%	-	-	-	-	66.7%	-	-	-
International students										
- International Asian	37.9%	43.1%	5.2%	.053	.045	87.3%	88.3%	1.0%	.598	.012
- International Non-Asian	44.9%	49.5%	4.6%	.458	.037	84.6%	82.7%	-1.9%	.689	-.020
Gender and Sexual Orientation										
- Heterosexual Male	45.0%	49.9%	4.9%	.010	.046	88.1%	86.5%	-1.6%	.217	-.022
- Heterosexual Female	43.7%	48.2%	4.5%	.010	.044	83.6%	85.5%	1.9%	.130	.026
- LGBTQ+	37.1%	37.5%	0.4%	.919	.002	78.0%	81.2%	3.2%	.160	.033
First Generation	35.3%	40.2%	4.9%	.026	.049	79.2%	82.4%	3.2%	.026	.049
Non-First Generation	46.3%	48.0%	1.7%	.236	.015	86.5%	85.6%	-0.9%	.402	-.011
Registered with DSP	29.9%	31.3%	1.4%	.789	.013	76.0%	71.1%	-4.9%	.311	-.051
Not registered with DSP	43.8%	47.0%	3.2%	.007	.030	84.7%	85.7%	1.0%	.282	.012
Served in the Military	51.2%	51.9%	0.7%	.924	.007	84.3%	81.3%	-3.0%	.585	-.040
Not served in the military	42.8%	46.2%	3.4%	.004	.030	84.2%	85.0%	0.8%	.349	.010
Program of Study										
- Undergraduate at UPC & HSC	42.0%	48.3%	6.3%	.000	.056	82.9%	84.9%	2.0%	.123	.024
- Graduate at HSC	52.5%	46.8%	-5.7%	.134	-.055	89.6%	85.8%	-3.8%	.137	-.054
- Graduate at UPC	42.0%	43.8%	1.8%	.292	.017	84.3%	84.8%	0.5%	.662	.007
- Graduate online	-	50.4%	-	-	-	-	89.2%	-	-	-

For additional questions, please contact:

USC Students Health, Office for Health Promotion Strategy, backbone for the USC Wellbeing Collective at hpstrategy@usc.edu



Table 4b: Percent of USC Students Who Felt They Were Treated Fairly and Equitably Out of the Classrooms and with Positive Mental Health by Different Demographics from 2018 to 2020

Disaggregated Categories	KPI 3: Fairness and Equity Out of the Classrooms On-Campus Students					KPI 4: Positive Mental Health All Students				
	HMS II	SWIS I	% Change	<i>p</i>	ϕ	HMS I	SWIS I	% Change	<i>p</i>	ϕ
Data Source	%	%				%	%			
Overall	79.6%	82.2%	2.6%	.005	.030	45.3%	51.0%	5.7%	.000	.055
Race/Ethnicity										
Domestic students										
- Asian	80.2%	83.2%	3.0%	.167	.035	40.9%	45.3%	4.4%	.058	.043
- Black/African American	74.2%	68.7%	-5.5%	.235	-.060	62.3%	55.9%	-6.4%	.112	-.064
- Latinx/Hispanic	73.8%	74.4%	0.6%	.837	.007	51.7%	57.7%	6.0%	.028	.060
- Middle Eastern/Arab	76.3%	86.1%	9.8%	.161	.116	53.6%	57.6%	4.0%	.555	.040
- Mixed	74.2%	81.1%	6.9%	.078	.067	46.4%	50.2%	3.8%	.414	.029
- White	84.3%	87.3%	3.0%	.040	.042	45.7%	54.5%	8.8%	.000	.087
- Other/Unknown*	-	88.6%	-	-	-	42.3%	54.4%	12.1%	.142	.130
International students										
- International Asian	80.5%	82.0%	1.5%	.501	.016	38.8%	46.5%	7.7%	.000	.075
- International Non-Asian	79.5%	76.5%	-3.0%	.576	-.028	33.8%	50.0%	16.2%	.001	.151
Gender and Sexual Orientation										
- Heterosexual Male	83.5%	84.3%	0.8%	.606	.009	44.5%	50.9%	6.4%	.000	.062
- Heterosexual Female	80.1%	82.5%	2.4%	.079	.030	50.0%	56.3%	6.3%	.000	.062
- LGBTQ+	70.9%	77.9%	7.0%	.004	.069	31.5%	40.9%	9.4%	.000	.087
First Generation	72.2%	76.2%	4.0%	.042	.045	49.0%	52.2%	3.2%	.078	.032
Non-First Generation	83.0%	83.9%	0.9%	.358	.012	43.7%	50.5%	6.8%	.000	.066
Registered with DSP	72.8%	70.5%	-2.3%	.636	-.024	36.0%	37.2%	1.2%	.799	.012
Not registered with DSP	80.1%	82.8%	2.7%	.003	.033	45.7%	51.6%	5.9%	.000	.058
Affiliated with the Military	85.5%	83.2%	-2.3%	.658	-.032	53.6%	64.5%	10.9%	.033	.110
Not affiliated with the military	79.5%	82.3%	2.8%	.002	.034	45.0%	50.6%	5.6%	.000	.055
Program of Study										
- Undergraduate at UPC & HSC	80.9%	84.2%	3.3%	.014	.039	37.5%	47.0%	9.5%	.000	.093
- Graduate at HSC	83.8%	84.2%	0.4%	.906	.004	51.9%	56.4%	4.5%	.205	.044
- Graduate at UPC	77.8%	79.6%	1.8%	.220	.020	47.8%	50.2%	2.4%	.107	.025
- Graduate online	-	77.7%	-	-	-	59.3%	62.2%	2.9%	.297	.027

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Table 4c: Percent of USC Students Who Engaged in At-Risk Drinking by Different Demographics from 2018 to 2020

Disaggregated Categories	KPI 5: At-Risk Drinking All Students					KPI 6: At-Risk Drinking Incoming Undergraduates 6 Weeks After Post-Matriculation				
	HMS I	SWIS I	% Change	<i>p</i>	ϕ	AE18193	AE19203	% Change	<i>p</i>	ϕ
Data Source	%	%				%	%			
Overall	38.6%	22.8%	-15.8%	.000	.183	21.4%	20.0%	-1.4%	.057	.022
Race/Ethnicity										
Domestic students										
- Asian	36.5%	15.3%	-21.2%	.000	.252	14.5%	13.7%	-0.8%	.397	.027
- Black/African American	31.2%	24.9%	-6.3%	.038	.103	16.3%	14.3%	-2.0%	.719	.036
- Latinx/Hispanic	39.2%	25.9%	-13.3%	.000	.163	16.1%	17.8%	1.7%	.406	.043
- Middle Eastern/Arab	33.0%	18.6%	-14.4%	.041	.173	-	-	-	-	-
- Mixed	45.2%	26.3%	-18.9%	.000	.157	25.5%	22.3%	-3.2%	.353	.039
- White	50.3%	31.3%	-19.0%	.000	.200	31.0%	28.4%	-2.6%	.201	.029
- Other/Unknown*	24.2%	21.1%	-3.1%	.293	.141	16.3%	13.8%	-2.5%	.513	.075
International students										
- International Asian	22.7%	13.3%	-9.4%	.000	.150	6.1%	9.7%	3.6%	.038	.075
- International Non-Asian	34.3%	26.1%	-8.2%	.168	.086	22.3%	27.2%	4.9%	.290	.058
Gender and Sexual Orientation										
- Heterosexual Male	41.0%	22.5%	-18.5%	.000	.206	22.4%	21.2%	-1.2%	.414	.020
- Heterosexual Female	35.6%	21.7%	-13.9%	.000	.165	22.5%	21.5%	-1.0%	.579	.015
- LGBTQ+	42.1%	25.9%	-16.2%	.000	.171	20.1%	18.5%	-1.6%	.563	.025
First Generation	32.0%	21.2%	-10.8%	.000	.136	13.9%	14.4%	0.5%	.894	.009
Non-First Generation	41.5%	23.3%	-18.2%	.000	.202	24.5%	22.5%	-2.0%	.048	.027
Registered with DSP	33.3%	29.4%	-3.9%	.146	.090	16.4%	19.4%	3.0%	.456	.051
Not registered with DSP	38.9%	22.4%	-16.5%	.000	.188	16.7%	20.7%	4.0%	.001	.049
Affiliated with the Military	27.8%	23.4%	-4.4%	.049	.132	9.5%	23.2%	13.7%	.038	.222
Not affiliated with the military	39.0%	22.8%	-16.2%	.000	.185	21.9%	20.4%	-1.5%	.087	.021
Program of Study										
- Undergraduate at UPC & HSC	45.4%	25.3%	-20.1%	.000	.217	-	-	-	-	-
- Graduate at HSC	36.2%	23.9%	-12.3%	.000	.149	-	-	-	-	-
- Graduate at UPC	34.0%	20.0%	-14.0%	.000	.171	-	-	-	-	-
- Graduate online	33.1%	21.6%	-11.5%	.000	.144	-	-	-	-	-

For additional questions, please contact:

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Table 4d: Percent of USC Students and Cis-Heterosexual Male Undergraduate Students Who Experienced Sexual Assault in the Past 12 Months by Different Demographics from 2018 to 2020

Disaggregated Categories	KPI 7: Sexual Assault All Students					KPI 7a: Sexual Assault Cis-Heterosexual Male Undergraduate				
	HMS I	SWIS I	% Change	p	φ	HMS I	SWIS I	% Change	p	φ
Data Source	%	%				%	%			
Overall	7.4%	4.9%	-2.5%	.000	.167	3.2%	1.3%	-1.9%	.000	.144
Race/Ethnicity										
Domestic students										
- Asian	6.2%	4.1%	-2.1%	.000	.160	2.6%	0.9%	-1.7%	.001	.187
- Black/African American	7.8%	4.3%	-3.5%	.002	.144	0.0%	0.0%	0.0%	.215	.159
- Latinx/Hispanic	8.0%	4.5%	-3.5%	.000	.146	0.0%	0.0%	0.0%	.818	-.017
- Middle Eastern/Arab	3.0%	10.2%	7.2%	.085	.151	40.0%	0.0%	-40.0%	.008	.580
- Mixed	10.0%	8.4%	-1.6%	.000	.157	2.6%	1.6%	-1.0%	.196	.141
- White	10.9%	6.4%	-4.5%	.000	.175	5.8%	2.6%	-3.2%	.001	.147
- Other/Unknown*	6.8%	3.5%	-3.3%	.122	.179	0.0%	0.0%	0.0%	-	-
International students										
- International Asian	2.8%	1.6%	-1.2%	.000	.186	0.0%	0.0%	0.0%	.100	-.128
- International Non-Asian	3.8%	5.6%	1.8%	.000	.322	0.0%	0.0%	0.0%	.000	-.499
Gender and Sexual Orientation										
- Heterosexual Male	1.9%	1.0%	-0.9%	.000	.178	-	-	-	-	-
- Heterosexual Female	9.8%	6.4%	-3.4%	.000	.178	-	-	-	-	-
- LGBTQ+	14.9%	8.6%	-6.3%	.000	.136	-	-	-	-	-
First Generation										
First Generation	6.7%	4.4%	-2.3%	.000	.186	0.0%	0.6%	0.6%	.271	.088
Non-First Generation	7.8%	5.1%	-2.7%	.000	.158	4.2%	1.5%	-2.7%	.000	.158
Registered with DSP										
Registered with DSP	14.9%	10.0%	-4.9%	.059	.107	6.4%	4.3%	-2.1%	.285	.163
Not registered with DSP	7.2%	4.7%	-2.5%	.000	.158	3.0%	1.2%	-1.8%	.000	.126
Affiliated with the Military										
Affiliated with the Military	2.7%	2.0%	-0.7%	.000	.380	0.0%	0.0%	0.0%	-	-
Not affiliated with the military	7.7%	5.0%	-2.7%	.000	.150	3.3%	1.4%	-1.9%	.000	.134
Program of Study										
- Undergraduate at UPC & HSC	12.5%	8.0%	-4.5%	.000	.135	-	-	-	-	-
- Graduate at HSC	5.4%	3.2%	-2.2%	.001	.128	-	-	-	-	-
- Graduate at UPC	3.8%	2.6%	-1.2%	.000	.226	-	-	-	-	-
- Graduate online	4.6%	2.2%	-2.4%	.027	.071	-	-	-	-	-

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Table 4e: Percent of USC Cis-Heterosexual Female and LGBTQ+ Undergraduate Students Who Experienced Sexual Assault in the Past 12 Months by Different Demographics from 2018 to 2020

Disaggregated Categories	KPI 7b: Sexual Assault Cis-Heterosexual Female Undergraduate					KPI 7c: Sexual Assault LGBTQ+ Undergraduate				
	HMS I	SWIS I	% Change	p	φ	HMS I	SWIS I	% Change	p	φ
	%	%				%	%			
Overall	17.6%	10.8%	-6.8%	.000	.154	21.4%	12.2%	-9.2%	.000	.136
Race/Ethnicity										
Domestic students										
- Asian	15.2%	8.5%	-6.7%	.000	.218	5.6%	10.7%	5.1%	.037	.194
- Black/African American	11.1%	0.0%	-11.1%	.021	.282	15.0%	13.2%	-1.8%	.847	.025
- Latinx/Hispanic	19.2%	7.0%	-12.2%	.020	.191	42.9%	10.4%	-32.5%	.000	.372
- Middle Eastern/Arab	0.0%	16.2%	16.2%	.427	.192	20.0%	22.2%	2.2%	.915	-.022
- Mixed	15.0%	17.7%	2.7%	.165	.148	26.3%	17.8%	-8.5%	.603	.086
- White	24.5%	12.6%	-11.9%	.000	.164	20.1%	13.9%	-6.2%	.124	.104
- Other/Unknown*	0.0%	0.0%	0.0%	-	-	0.0%	0.0%	0.0%	-	-
International students										
- International Asian	5.1%	5.9%	0.8%	.024	.213	0.0%	3.8%	3.8%	.559	.109
- International Non-Asian	0.0%	20.4%	20.4%	.000	.504	100.0%	5.9%	-94.1%	.000	.792
Gender and Sexual Orientation										
- Heterosexual Male	-	-	-	-	-	-	-	-	-	-
- Heterosexual Female	-	-	-	-	-	-	-	-	-	-
- LGBTQ+	-	-	-	-	-	-	-	-	-	-
First Generation	14.6%	10.9%	-3.7%	.000	.205	29.3%	9.4%	-19.9%	.000	.265
Non-First Generation	18.6%	10.7%	-7.9%	.000	.150	18.9%	12.9%	-6.0%	.004	.116
Registered with DSP	26.0%	13.3%	-12.7%	.042	.218	22.2%	10.2%	-12.0%	.120	.222
Not registered with DSP	17.2%	10.6%	-6.6%	.000	.137	21.3%	12.1%	-9.2%	.000	.150
Affiliated with the Military	0.0%	0.0%	0.0%	-	-	0.0%	20.0%	20.0%	.495	-.258
Not affiliated with the military	17.8%	10.8%	-7.0%	.000	.139	21.5%	12.2%	-9.3%	.000	.138
Program of Study										
- Undergraduate at UPC & HSC	-	-	-	-	-	-	-	-	-	-
- Graduate at HSC	-	-	-	-	-	-	-	-	-	-
- Graduate at UPC	-	-	-	-	-	-	-	-	-	-
- Graduate online	-	-	-	-	-	-	-	-	-	-

For additional questions, please contact:
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Table 4f: Percent of USC Students with Upstanding Behaviors by Different Demographics from 2018 to 2020

Disaggregated Categories	KPI 8: Upstanding Behaviors On Campus Students				
	HMS I	SWIS I	% Change	ρ	ϕ
Data Source	%	%			
Overall	34.6%	44.3%	9.7%	.000	.097
Race/Ethnicity					
Domestic students					
- Asian	36.9%	45.8%	8.9%	.000	.088
- Black/African American	28.3%	52.4%	24.1%	.000	.246
- Latinx/Hispanic	28.9%	46.6%	17.7%	.000	.182
- Middle Eastern/Arab	32.9%	50.0%	17.1%	.022	.169
- Mixed	48.2%	57.9%	9.7%	.038	.078
- White	44.5%	56.7%	12.2%	.000	.121
- Other/Unknown*	32.8%	33.3%	0.5%	.954	.006
International students					
- International Asian	21.2%	22.2%	1.0%	.572	.012
- International Non-Asian	33.1%	39.1%	6.0%	.205	.058
Gender and Sexual Orientation					
- Heterosexual Male	32.9%	40.3%	7.4%	.000	.075
- Heterosexual Female	33.0%	45.8%	12.8%	.000	.130
- LGBTQ+	44.9%	49.0%	4.1%	.108	.037
First Generation	26.3%	37.5%	11.2%	.000	.120
Non-First Generation	38.0%	46.2%	8.2%	.000	.081
Registered with DSP	49.4%	62.5%	13.1%	.007	.128
Not registered with DSP	34.4%	43.3%	8.9%	.000	.090
Affiliated with the Military	12.1%	41.1%	29.0%	.000	.334
Not affiliated with the military	35.6%	44.5%	8.9%	.000	.088
Program of Study					
- Undergraduate at UPC & HSC	53.3%	63.0%	9.7%	.000	.097
- Graduate at HSC	27.4%	30.6%	3.2%	.328	.034
- Graduate at UPC	18.4%	24.8%	6.4%	.000	.076
- Graduate online	-	12.7%	-	-	-

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¹ First Generation refers to students who would be the first generation in their family to graduate with a Bachelor's Degree.

² Registered with DSP refers to students with disability who had registered with the Disability Services and Programs at USC.

³ Affiliated with military refers to students who were currently in Reserve Officers' Training Corps (ROTC), in Military Reserves or National Guard, Now on active duty, on active duty in the past 12 months, or on active duty beyond the past 12 months.