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2022 SNAAP Technical Report

snaap

STRATEGIC
NATIONAL
ARTS ALUMNI
PROJECT

*Tracking the
lives & careers of
arts graduates*

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Contents

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I. **Overview**

Since 2008, the Strategic National Arts Alumni Project (SNAAP) has collected, examined, and publicly shared the most comprehensive and detailed data on the educational experiences, careers, and lives of individuals with arts, design, and related degrees. SNAAP serves the dual purpose of providing institutional-level data to colleges and universities to inform their own evidence-based improvement strategies and of providing national survey data to enable and foster research that provides fieldwide, systemic insights to policymakers, administrators, scholars, and additional stakeholders. Beginning in 2010, SNAAP provided access to data from its earliest pilot survey administrations. The first full SNAAP survey administration launched in 2011 and was repeated in 2012 and 2013, with nearly 100,000 respondents. SNAAP's second three-year survey administration cycle took place in 2015, 2016, and 2017, with nearly 82,000 respondents.[1] The SNAAP survey was relaunched and administered in 2022.

For its 2022 survey administration, SNAAP implemented two important, overarching changes:

- Designed a probabilistic sampling frame and implemented an updated recruitment process focused on inclusivity of the range of postsecondary institutions offering programs and awarding degrees in arts, design, and related fields. These changes were undertaken in effort to bolster the representativeness of SNAAP's national, aggregated data and the generalizability of findings stemming from these data.

- Refined and expanded the 2022 SNAAP questionnaire with broad stakeholder input. The updates made to the questionnaire include a streamlining of SNAAP's existing question set and an integration of new measures addressing (i) the ways in which alumni experienced or did not experience an inclusive environment and sense of belonging during their studies and training; (ii) how the careers, lives, and needed skills and abilities of arts and design alumni have been impacted by the pandemic and the changing nature of creative and other work environments; and (iii) financing postsecondary education.

This Technical Report documents the 2022 SNAAP survey administration, providing detailed information on the 2022 SNAAP questionnaire design, administration processes, sampling, and weighting. More about SNAAP can be found at www.snaaparts.org

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1   Data from prior SNAAP administrations are available to qualified researchers on approved request and based on a cost-recovery model. Email info@snaaparts.org for further information.

II. Survey Design & Pilot Test

II.A Questionnaire development

II.A.i STAKEHOLDER INPUT

In spring 2021, a review of past SNAAP survey administrations' questionnaires and data quality was undertaken with attention paid to means for streamlining, reducing cognitive burden, reducing breakoffs, and updating the overall questionnaire. Key topical areas were identified for continuation and for expansion. Key areas for continuation included, but were not exclusive to, alumni work and employment, as well as satisfaction with postsecondary education institutions. Key areas for expansion included, but were not exclusive to, socio-demographic characteristics, sense of belonging, implications of the COVID-19 pandemic for training, employment, and ways of work, and paying for postsecondary arts, design, and related educations. Once an initial draft was developed, critical feedback was sought from an array of stakeholders. Additionally, a further revised draft questionnaire was made publicly available for input and comments on the SNAAP website in fall 2021 and spring 2022.

In fall 2021, four focus groups and three interviews were held with higher education administrators, faculty, and additional stakeholders to discuss information needs related to the lives and careers of arts, design, and related alumni under University of Illinois Urbana-Champaign IRB. The purpose of these conversations was twofold: (a) to garner insights on pressing information needs within postsecondary arts and design fields as they relate to understanding and improving the careers and lives of graduates of related degree programs and (b) to generate feedback on the draft 2022 SNAAP questionnaire. The results of the former are synthesized and shared in the report, Data, Pressing Needs, and Biggest Challenges: Insights from the Field (Novak-Leonard, Dempster, Scotto Adams, & Walters, 2022).

II.A.ii COGNITIVE TESTING

A series of questions relevant to insights regarding alumni perspectives on their sense of belonging while at their institution were cognitively tested with 33 alumni of arts, design, and media production undergraduate degrees.

The main objective of the cognitive testing was to probe the comprehension and wording of the questions, whether the questions were clear, and

the interviewees' thoughts on them. However, participants were at liberty to answer the questions as they deemed fit.

The interviewees were recruited from amongst recent alumni, defined as those who completed their degrees within the prior five years of receiving the invitation to participate in the interview. Interviewees stemmed from a range of disciplinary degree foci; institutional types, inclusive of a R1 research university, a specialized arts and design school, and minority-serving postsecondary institutions. These same interviewees also answered questions about sense of belonging, which are part of a larger qualitative study being led by Dr. Jennifer Novak-Leonard. Interviewees were given a $40 Amazon e-gift card for participating in the whole interview, paid for with funds supplied by the University of Illinois Urbana-Champaign.

The interviews were conducted via Zoom, and each was 30-75 minutes in length, with most interviews concluding within 60 minutes. During the interviews, the interviewer read out the questions to interviewees and placed them in the chat. Interviews were conducted by Dr. Jennifer Novak-Leonard, Emma Walters, and Dr. Shanita Bigelow, under University of Illinois Urbana-Champaign IRB.

II.B Substantive Expansions

II.B.i SOCIO-DEMOGRAPHIC MEASURES

A specific aim of the 2022 SNAAP survey administration was to capture more nuanced data on how individual alumni identify themselves, and on their social identities and socioeconomic circumstances in effort to garner more granular insights on the varied experiences of alumni within their postsecondary studies and training and experiences since. Reviews of current, albeit evolving, best practices for inclusively collecting information on race and ethnicity, gender identity, sexual orientation,[2] and personal and household income were conducted, and comparable measures adapted for use within the 2022 SNAAP questionnaire. These measures are included in the latter questionnaire section entitled "Identity & Socio-Demographic Questions."

II.B.ii SENSE OF BELONGING

A key aim of the 2022 SNAAP survey administration was to document arts and design alumni's experiences with sense of belonging during their post-secondary arts and design education, as well as within their employment if

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2   For example, see Morgan et al. (2020).

they were in the workforce at the time of 2022 SNAAP survey administration; these measures are included in Section A and Section C, respectively, of the 2022 SNAAP questionnaire. Sense of belonging is recognized as a key indicator of student well-being within higher education and as a predictor of student outcomes (Bentrim & Henning, 2022).

II.B.iii COVID-19 QUESTIONS

An aim of the 2022 SNAAP survey was to document arts and design alumni's experiences during and after the COVID-19 pandemic, beginning in March 2020. The items developed for Section D of the questionnaire address pandemic-related experiences with work, artistic and creative practice, professional networks, skill gaps, and new skill acquisition. Attention to these topics is essential for establishing how arts alumni fared during the pandemic, including potential challenges they faced and areas where they may have upskilled or shifted focus to new artistic or non-artistic skills to respond to the changing world of work.

To develop survey questions to meet these research aims, Dr. Rachel Skaggs and Dr. Elizabeth Cooksey at The Ohio State University, along with research assistants Molly Jo Burke and Erin J. Hoppe, conducted 66 interviews with arts alumni whose artistic work, educational experiences, and personal demographics closely resemble past SNAAP survey samples (read more in Skaggs, 2023; Skaggs, Hoppe, & Burke, 2022). Interviews were conducted from November 2020 – March 2021 and focused primarily on the impact of the pandemic to that point in time on arts graduates' careers, personal lives, and their future. This research team also conducted informational interviews with eight administrative leaders in higher education in the arts. These deans, provosts, and presidents of institutions identified pressing challenges and sites of resilience and innovation for their institutions, students, and alumni that were instructive in designing Section D of the 2022 SNAAP questionnaire.

Appendix A contains the annotated 2022 SNAAP questionnaire with reference to influences toward the development of these questions. Questions and items that are not explicitly annotated were developed based on findings from the previously described interviews and from considerations of how to amend existing SNAAP questions from prior survey administration to be relevant and responsive to the aims of the 2022 SNAAP survey and related research.

II.B.iv EDUCATION FINANCING

The 2022 SNAAP survey also aimed to capture more nuanced information about how alumni had financed their educations and to gauge related debt.

Relatedly, the SNAAP survey sought to better understand career-related motivations for those who pursued graduate degrees in content of education financing. The SNAAP survey is administered to alumni of arts, design, and adjacent programs, and therefore the SNAAP dataset itself does not contain data on other degrees in other fields, which limits the types of comparative analyses possible between alumni of arts and design programs and other fields, such as science, engineering, etc. In effort to enable some comparative contextualization with alumni of other degree fields, the questions used in this section of the 2022 SNAAP questionnaire are adopted from the 2019 National Survey of College Graduates managed by the National Science Foundation, which largely focuses on alumni of science and engineering programs.[3]

II.C Pilot Test Administration

II.C.i SAMPLE USED

In the summer of 2022, a pilot test was conducted, with a sample of alumni from two institutions planning to participate in the fall 2022 administration. Each institution was asked to provide contact information for no more than 1,000 of their alumni. Although both participating institutions considered providing incentives to their alumni who completed the survey, neither institution ultimately decided to provide incentives for the pilot study. One institution requested to include a recent sample of alumni (2017 graduation year or sooner), and the other included a sample that was representative across graduation years. The contacts at these institutions used the population file instruction guide and worked with the Director of Research Services to generate the alumni population file. In each alumni file, schools were required to include necessary information, such as the name, email address(es), graduation year, area of study, department, college/school, and CIP code of arts and design alumni. Schools were also given the option to include the alum's street address(es), GPA, gender, alumni ID, and any additional information they would like to be included in the final dataset that was not asked in the survey. Each school submitted a file for 1,000 alumni to SNAAP staff and the Indiana University Center for Survey Research (CSR; SNAAP's survey programming and administration service partner) using a secure OneDrive folder, resulting in a total pilot pool of 2,000 alumni to recruit from.

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3   For more information about the National Survey of College Graduates, see: https://www.nsf.gov/statistics/srvygrads-legacy/#

II.C.ii RECRUITMENT AND PROMOTION

Once the files were reviewed by SNAAP and CSR, they were shared with AlumniSync, the alumni search firm, via a secure folder. AlumniSync was responsible for validating the email addresses on file and providing any updated email addresses if detected. Of the 2,000 alumni included in the file, there were 1,657 (83%) with at least a primary email address on file. Of those 1,657 addresses, AlumniSync was able to validate 1,520 (92%); in other words, 1,520 email addresses were valid and safe to contact - that is 76% of the total 2,000 contacts submitted. Conversely, there were 137 email addresses on file that came back as invalid or unsafe to contact. Of those 137, 35 had a secondary email address on file, and AlumniSync was able to find 69 email addresses based on alumni contact information. In total, the search resulted in 1,745 valid email addresses (83% of the total 2,000; 105% of the total 1,657 with an email address on file) for CSR to send recruitment messages to, resulting in a recruitment pool of 1,745 alumni.

SNAAP worked closely with CSR to develop a set of five recruitment messages (one initial invitation, and four reminders), to be sent out to the recruitment pool. Given the short timeline of pilot survey administration of just over two weeks, we decided to remove one of the reminder messages. Once the messages were developed, SNAAP coordinated with our institutional contacts to allow them to customize certain sections of the messages and add their school logos. The contacts were also sent a test version of the first recruitment message via email before survey administration began, so that they could get a sense of what alumni would receive and add any final requests.

The pilot survey launched on June 28th, 2022, and closed on July 15th, 2022. A total of four recruitment messages were sent to alumni:

- Initial Invitation: Tuesday, June 28, 2022

- Reminder 1 message: Tuesday, July 5, 2022

- Reminder 2 message: Friday, July 8, 2022

- Reminder 3 message: Tuesday, July 12, 2022

In accordance with SNAAP's IRB protocol, if there was a secondary email address on file, a maximum of two recruitment messages were sent to multiple emails. Additionally, one message was sent in HTML formatting to improve the diversity of text used.

In addition to recruitment strategies, SNAAP encouraged contacts at our participating institutions to promote the SNAAP survey to their alumni via email and/or social media accounts, both before and during pilot survey administration. Schools were encouraged to send out a "pre-survey announcement" before the survey launch, as well as promotional notices throughout administration, to raise the importance of survey participation, and to notify alumni that if they did not receive an invitation yet, they would have the chance to participate in the fall. The recruitment messages would be updated slightly for the fall survey launch to match the fall administration dates.

II.C.iii PILOT SURVEY RESPONSE RATES

In total, we received 68 complete responses and 26 partial or break-off responses, for a total of 94 responses. The number of valid contacts AlumniSync identified was 1,520. The adjusted response rate across institutions was 5.7% ((the number of completions + partial completions) / (the total number of alumni - (those with no invitation sent + those with an invitation returned undelivered)).

Considering lower-than-expected response rates, SNAAP has explored several potential contributing factors.

• Recent research suggests that survey response rates are on a decline and survey fatigue is on an incline, particularly since the COVID-19 pandemic (de Koning et al., 2021). Due to a recent increase in web-based surveys, increased spam messages, and other reasons, web-based surveys have been linked to lower response rates than other methods (Daikeler, Bošnjak, & Lozar Manfreda, 2019).

• The short, two-week window of the pilot survey administration provided less time for alumni to participate than the full survey does.

• Our alumni search firm this year was able to find a higher number of alumni emails than we normally have access to, making for a lower overall response rate.

Given these factors, SNAAP's pilot response rates are aligned with other recent alumni surveys. For instance, an alumni survey conducted by Fordham University in 2019 yielded a 5% response rate, and one by Cornell University in 2017 yielded a 7% rate.

Once the pilot data was returned, the data was cleaned and thoroughly checked. Alumni comments within the survey were reviewed to determine whether changes to the survey were warranted prior to the fall administration. Based on alumni responses and experiences with the survey, the research team decided on several minor changes to implement for the larger survey administration:

1. We decided to include fine arts degrees (BFAs and MFAs) in response options that listed degrees. For instance, in the pilot survey, the response option at the bachelor's degree level included BA, BS, BM, etc.; we added BFA as an example. We made this change because many participating alumni are reporting BFA and MFA degrees.

2. We decided to edit the response option "j" to curjob_ series (items referring to non-arts jobs). Rather than being specific to social services, we broadened the category to "social and other services" to include food service and travel industry jobs. We made this change because several participants wrote in other types of service industry responses.

3. We decided to paraphrase the prompt for the 'wh_whynot_' series (items assessing why a participant is not working for pay or profit) to improve readability. This involved a slight adjustment from, "What are your reasons for not currently working for pay or profit?" to, "Please indicate why you are not currently working for pay or profit." We made this change because an alum indicated in the open-ended response that they did not understand the question.

4. We updated the response options to the survey item assessing gender. We made this change because several participants used the 'other' text box to indicate that they were nonbinary, which was not an option originally included in the item. We changed the response options from 'female', 'male', and 'a gender identity that is not listed (e.g., gender fluid, two-spirit, transgender male),' to the following:

   a. Woman
   b. Man
   c. Gender identity that is not listed (e.g., nonbinary, transgender, gender fluid, two-spirit), please share: [TEXT BOX, 100 ch. limit]
   d. Prefer to not answer

All the above revisions were implemented to improve readability and inclusion in the 2022 survey.

III. <u>Survey Administration</u>

III.A Population file

III.A.i DATA COLLECTION AND CLEANING

The process for collecting alumni data from institutions for the fall survey administration was like that of the pilot survey administration. Of the 120 participating institutions, several registered separately for smaller arts and design schools/colleges within the university, resulting in a total of 128 population files. SNAAP worked closely with the Center for Survey Research to assist schools in providing alumni data and to review population files closely for inconsistencies. CSR was able to program a set of initial checks within the upload feature on the SNAAP interface. This allowed the feature to catch large, systematic errors within the files before they were uploaded. One important part of this process was ensuring that the required fields in the population file were complete. Within the population file instructions, SNAAP included thresholds of necessary data for each category. For instance, SNAAP required that each school provide the first and last name of 100% of alumni, but the email address(es) for at least 25% of alumni - given the ability to identify new email addresses with our third-party search firm. The upload feature would not allow institutional contacts to upload the population file if less than 100% of alumni had a first and last name listed, or if less than 25% had an email address listed.

Due to the complex nature of the population file, many schools reached out with questions, which SNAAP and CSR documented. The largest challenges schools faced throughout the process were:

1. **Locating and providing accurate CIP (Classification of Instructional Programs) codes[4] for alumni**. Over half of the participating institutions originally provided at least one CIP code for alumni that was outside of the sampling frame. In most cases, the alum had an arts or design major on file, but the CIP code itself was not within the identified frame. Alumni who had an arts or design major on file were included. In a handful of cases, there were more systematic inconsistencies - such that the school provided many alumni with non-arts or design majors and non-arts or design CIPs. In those cases, we reached out to schools to confirm that these alumni were indeed not within the arts or design, and flagged ineligible alumni not to be recruited.

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4   Further details about CIP codes are provided in section "IV.A CIP Codes" of this report.

2. **Inconsistencies in alumni degree information**. A portion of schools provided contrasting information when referring to alumni degrees. For instance, the reported degree level (e.g., a doctoral degree, a master's degree, a bachelor's degree) did not match the reported degree level detail (e.g., PhD, MFA, BA), resulting in an alum's degree level of a master's degree but degree level detail of a BA. Another common inconsistency occurred in reporting the highest arts degree. Schools were asked to report the highest arts degree under *degree level* and *degree level detail*, and were asked to report additional (lower) degrees under *arts degree 2* and *arts degree 3*. However, at times schools reported higher arts degrees in *arts degree 2* or *arts degree 3* rather than in the *degree level* column. Each of these inconsistencies were corrected through direct communication with schools. SNAAP reached out to institutional contacts and clarified both the correct degree and the highest arts degree received.

3. **Including duplicate cases of alumni in one population file, or duplicate cases of alumni across multiple population files**. A portion of schools included duplicate cases of alumni in their institution's population file; within-file duplicate cases were indicated by multiple cases of the same name and email address or multiple cases of the same email address with different names. SNAAP communicated directly with schools to clarify when duplicate records were included. In most cases of the same email address across multiple names, multiple alumni (family members, spouses) were sharing an email address according to school records. Most cases of the same name and email address were typos within school records. Regarding alumni who were included across multiple population files, SNAAP and CSR developed guidelines for alumni recruitment. To avoid sending the same alumni several survey emails relevant to multiple schools, we decided to contact alumni through contact information provided by the institution at which they received their highest arts degree. If multiple schools reported arts degrees at the same degree level for the same alumni, we used their contact information from the school associated with the most recent graduation year.

Throughout the survey administration, SNAAP received requests from institutions to add alumni to the recruitment list who were not originally included in their population files. In many cases, these alumni saw promotional messages about the survey on social media or via email and requested to be added, or these alumni were cases that schools were otherwise unable to include in their original file. SNAAP and CSR established a system through which schools could upload a condensed version of the population file for only those cases they needed to add by a given cutoff date during the survey administration.

III.A.ii UPDATING CONTACT INFORMATION

Similar to the pilot administration, SNAAP engaged a third-party alumni contact search firm, AlumniSync, for the fall survey administration. Two institutions opted out of this process due to data sharing concerns. SNAAP shared a total of 1,044,084 alumni records with AlumniSync, but of those, 796,959 records had an email address on file. AlumniSync was able to verify 88% of those alumni's email addresses as "safe" to send. In addition to verifying email addresses, AlumniSync found an additional 151,535 new email addresses for alumni who only had a '.edu' address (which we know have low response rates from the pilot study), and for alumni with a missing or invalid email address. At the end of AlumniSync's search, a total of 823,791 alumni were considered to have valid email addresses on file. However, it is important to note that a number of those addresses considered valid bounced back during the recruitment stage (see below); the response rate was adjusted accordingly.

After the first survey invitations were emailed to all alumni with a valid email address on file, 42,884 email addresses initially bounced back. AlumniSync ran an additional validation check and was able to replace 13,999 of those emails with new emails considered safe to send.

III.B Response reminders and incentives

III.B.i RESPONSE REMINDERS

Throughout the survey administration, alumni received a series of recruitment messages via email. These messages included the link to the survey. Below is the full schedule of messages for the standard administration:

- Invitation: October 11 - 14
- Reminder 1: October 18 - 21
- Reminder 2: October 25 - 28
- Reminder 3: November 1 - 4
- Reminder 4: November 8 - 11
- Additional/final Reminder: November 15 - 22

Both CSR and SNAAP closely monitored participant response rates and engagement throughout the administration. CSR programmed daily response rate updates that SNAAP could use to track participation. The response rates following the initial invitation email were not quite as high as SNAAP and CSR expected, and given the historical knowledge that the first invitations tend to bring the highest number of responses than any other message, the team immediately brainstormed and implemented the following strategies for boosting response rates for the remainder of the administration:

- SNAAP developed and sent out a bulletin to institutional contacts to encourage them to promote the survey to alumni. The bulletin went out in between reminders 1 and 2, in order to prevent survey messages from getting lost in alumni's inbox. The bulletin included text that schools could copy and paste into their social media accounts (see Appendix .

- SNAAP established a system with CSR that allowed for schools to text the survey link to their alumni if they had the permission and interest to do so. CSR was able to send the school a list of alumni who have not yet taken the survey and schools could text alumni directly, with guidance from an FAQ SNAAP developed.

- To increase reach, CSR programmed reminder 3 emails going out to ".edu" addresses to come from the ".edu" SNAAP email (snaapsrv@indiana.edu), and the reminder 3 emails going out to ".org" and ".com" addresses to come from the ".org" SNAAP email.

- For reminder 3, CSR conducted split-testing to understand whether a change in subject line impacts response rates. The original subject line was: *Don't miss out! Take part in a national arts alumni survey – FULL INSTITUTION NAME wants to hear from you!* The revised subject line was: *Don't miss out – SHORT INSTITUTION NAME wants to hear from you*

- The first batch of reminder 3 messages were scheduled to go out using plain text, rather than HTML. However, CSR noticed a drop in responses, consistent with the pilot, when using plain text. Because our IRB status (exempt) allowed for changes to the recruitment strategy, SNAAP decided to send the rest of the reminder 3 messages out in HTML formatting.

- As noted above, SNAAP allowed institutions to upload addendums to their population files to include any alumni who were not originally listed in the recruitment list.

III.B.ii INCENTIVES

Approximately 60 participating schools offered incentives to their alumni to take the 2022 SNAAP survey. This is a substantial increase from previous survey years, when approximately 10 schools would offer an incentive. Incentives this year ranged from institutional swag offerings to drawings for iPods, Amazon gift cards, and event tickets.

In addition to school incentive offerings, SNAAP offered direct survey incentives of $30 e-gift cards to alumni respondents of institutions typically underrepresented in the SNAAP survey, including 1 tribal college, 3 HBCUs and 7 community colleges.

III.C Response Rate

In total, SNAAP received over 61,000 alumni survey responses, representing an 11.22% average institutional survey response rate. To calculate response rates, SNAAP uses two processes:

1. To calculate response rates for individual institutions, SNAAP uses the AAPOR RR6 method (The American Association for Public Opinion Research, 2016). The numerator includes all respondents (partials and completes). The denominator includes all of the population that was contacted, meaning that alumni who did not have an institution-provided email on record, had an email that bounced back, never responded to the email provided by our search vendor, or were already included in another institution's sample, were removed from the population count (the denominator).

2. To calculate response rates for the overall administration, SNAAP averages the response rates from each participating institution (calculated per the above description). The rationale for this approach is because there is a wide variety of response rates across institutions, with notable patterns related to institution size. Larger institutions generally have lower response rates, a finding which is consistent in higher education research using surveys across multiple institutions (for example, see the 2023 National Survey of Student Engagement (NSSE) Overview and NSSE 2023 U.S. Response Rates by Institutional Characteristics). Given this pattern, the use of an institutional average or median better reflects the bigger picture of the respondent behaviors. Applying the AAPOR RR6 method to the entire contacted population would bias the response rate in the direction of the larger institutions, as their greater share of non-respondents would take up a disproportionate amount of the denominator, as compared to smaller institutions.

In addition to the overall response rate, CSR and SNAAP tracked response rates in various ways to learn about the effectiveness of recruitment strategies. For instance, compared to the overall adjusted response rate, the response rate for the small group of alumni who were added via addendum population files during the survey administration was about 18%. Additionally, 87% of survey responses came from contacting the alum's primary email address, 6% from their secondary email, and 6% from an additional email that AlumniSync identified during the validation check. 34% of responses came from the initial survey invitation email. As noted earlier, response rates by recruitment message typically trickle down, with a bump during the final reminder. We did see this trend; however, we also saw a substantial increase in responses from the reminder 2 message, as 23% of the total survey responses came from

reminder 2. This increased rate could be attributed to the additional bulletin SNAAP sent out between reminders 1 and 2. Based on incentive type, we noticed a two-percentage point difference between participants who did not receive an incentive and those who did (i.e., slight increase for those who did receive an incentive).

III.D Data considerations and preparations

Upon the close of the standard survey on November 28th, 2022, CSR compiled survey responses and shared responses with SNAAP about one month later. After receiving the data, SNAAP implemented a strategic and intensive data cleaning period, guided by insights from previous administrations, considerations of the new questionnaire structure, and needs related to creation of Institutional Reports. Below, we note a few important considerations and preparations SNAAP implemented, as these are especially relevant to the creation of the national, aggregated dataset:

1. Alumni respondents from the pilot survey were merged into the larger sample of alumni respondents from the standard survey administration. Given slight revisions made to phrasing of select survey items and response options in-between the pilot and standard administration, items were cleaned to match the phrasing of the standard administration. Pilot participants are flagged in the dataset using the variable, "AdminType" in which 0 represents pilot cases, and 1 represents standard administration cases.

2. Given the complex nature of skip logic in the 2022 questionnaire, a great amount of time and attention was devoted to i) ensuring that the skip logic worked correctly in routing the correct subgroups to the correct questions, and ii) using value labels to indicate instances in which subgroups of alumni were filtered out of a question for any given reason. When only one layer of skip logic influenced a particular item, the use of one value label: '-1' for alumni who did not receive the question, was included. When several layers of skip logic were in use, multiple negative values were used to distinguish different reasons why subgroups of alumni did not receive the given item. The survey questionnaire PDF includes the full set of reasons why alumni did not receive each question, and the data should be interpreted according to skip logic.

3. Due to the large variation in CIP codes provided for participating alumni, SNAAP created a variable to categorize areas of study in a more condensed manner. Consistent with previous administrations, SNAAP created a variable, called ReportArtsMajor, which has only 25 categories. SNAAP used

previous categorization lists to group CIP codes, based on their official program titles and descriptions, into ReportArtsMajor categories. A very small percentage of alumni (6%) were assigned a CIP code in the school-reported population files that was outside of SNAAP's sampling frame for arts or design alumni. For the ReportArtsMajor categorization, if alumni had a non-arts or design CIP code on file, but had an arts or design major on file, the arts or design major was used to group alumni into a ReportArtsMajor category. Thus, only 2% of the sample were assigned a non-arts or design major for ReportArtsMajor. In most cases, these 2% of cases are not clearly labeled as arts or design, but likely graduated from a program that was adjacent to arts or design, included arts or design-related courses, or was otherwise considered to be within the arts or design according to their institution.

IV. <u>Sampling Design & Weighting</u>

IV.A CIP Codes

Through a collaborative process with postsecondary administrative leaders and NORC at the University of Chicago, SNAAP identified the following Classification of Instructional Programs (CIPs) from the U.S. Department of Education's National Center for Educational Statistics' Integrated Postsecondary Education Data System (IPEDS)[5] to serve as the basis of degree program areas of focus to create weights for its aggregated national dataset:

CIP Code	CIP Title
04.02	Architecture
04.0201	Architecture
04.04	Environmental Design
04.0401	Environmental Design/Architecture
04.05	Interior Architecture
04.0501	Interior Architecture
04.06	Landscape Architecture
04.0601	Landscape Architecture
04.08	Architectural History and Criticism
04.0801	Architectural History and Criticism, General
04.09	Architectural Sciences and Technology
04.0901	Architectural Technology/Technician
04.0902	Architectural and Building Sciences/Technology
04.0999	Architectural Sciences and Technology, Other
04.99	Architecture and Related Services, Other
04.9999	Architecture and Related Services, Other
09.07	Radio, Television, and Digital Communication

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5   For more information about IPEDs, see: https://nces.ed.gov/ipeds (Accessed 10/25/23)

09.0701	Radio and Television
09.0702	Digital Communication and Media/Multimedia
09.0799	Radio, Television, and Digital Communication, Other
10.0201	Photographic and Film/Video Technology/Technician and Assistant
10.0202	Radio and Television Broadcasting Technology/Technician
10.0203	Recording Arts Technology/Technician
10.0299	Audiovisual Communications Technologies/Technicians, Other
10.03	Graphic Communications
10.0301	Graphic Communications, General
10.0303	Prepress/Desktop Publishing and Digital Imaging Design
10.0304	Animation, Interactive Technology, Video Graphics and Special Effects
10.0306	Platemaker/Imager
10.0399	Graphic Communications, Other
11.0801	Web Page, Digital/Multimedia and Information Resources Design
11.0804	Modeling, Virtual Environments and Simulation
13.1302	Art Teacher Education
13.1312	Music Teacher Education
13.1324	Drama and Dance Teacher Education
23.1301	Writing, General
23.1302	Creative Writing
30.14	Museology/Museum Studies
30.1401	Museology/Museum Studies
39.05	Religious/Sacred Music
39.0501	Religious/Sacred Music
48.0702	Furniture Design and Manufacturing
50	**VISUAL AND PERFORMING ARTS**
50.01	Visual and Performing Arts, General

50.0101	Visual and Performing Arts, General
50.0102	Digital Arts
50.02	Crafts/Craft Design, Folk Art and Artisanry
50.0201	Crafts/Craft Design, Folk Art and Artisanry
50.03	Dance
50.0301	Dance, General
50.0302	Ballet
50.0399	Dance, Other
50.04	Design and Applied Arts
50.0401	Design and Visual Communications, General
50.0402	Commercial and Advertising Art
50.0404	Industrial and Product Design
50.0406	Commercial Photography
50.0407	Fashion/Apparel Design
50.0408	Interior Design
50.0409	Graphic Design
50.0410	Illustration
50.0411	Game and Interactive Media Design
50.0412	Community/Environmental/Socially-Engaged Art
50.0499	Design and Applied Arts, Other
50.05	Drama/Theatre Arts and Stagecraft
50.0501	Drama and Dramatics/Theatre Arts, General
50.0502	Technical Theatre/Theatre Design and Technology
50.0504	Playwriting and Screenwriting
50.0505	Theatre Literature, History and Criticism
50.0506	Acting
50.0507	Directing and Theatrical Production
50.0509	Musical Theatre
50.0510	Costume Design

50.0599	Dramatic/Theatre Arts and Stagecraft, Other
50.06	Film/Video and Photographic Arts
50.0601	Film/Cinema/Video Studies
50.0602	Cinematography and Film/Video Production
50.0605	Photography
50.0607	Documentary Production
50.0699	Film/Video and Photographic Arts, Other
50.07	Fine and Studio Arts
50.0701	Art/Art Studies, General
50.0702	Fine/Studio Arts, General
50.0703	Art History, Criticism and Conservation
50.0705	Drawing
50.0706	Intermedia/Multimedia
50.0708	Painting
50.0709	Sculpture
50.0710	Printmaking
50.0711	Ceramic Arts and Ceramics
50.0712	Fiber, Textile and Weaving Arts
50.0713	Metal and Jewelry Arts
50.0799	Fine Arts and Art Studies, Other
50.09	Music
50.0901	Music, General
50.0902	Music History, Literature, and Theory
50.0903	Music Performance, General
50.0904	Music Theory and Composition
50.0905	Musicology and Ethnomusicology
50.0906	Conducting
50.0907	Keyboard Instruments
50.0908	Voice and Opera

50.0910	Jazz/Jazz Studies
50.0911	Stringed Instruments
50.0912	Music Pedagogy
50.0913	Music Technology
50.0914	Brass Instruments
50.0915	Woodwind Instruments
50.0916	Percussion Instruments
50.0999	Music, Other
50.10	Arts, Entertainment, and Media Management
50.1001	Arts, Entertainment, and Media Management, General
50.1002	Fine and Studio Arts Management
50.1003	Music Management
50.1004	Theatre/Theatre Arts Management
50.1099	Arts, Entertainment, and Media Management, Other
50.99	Visual and Performing Arts, Other
50.9999	Visual and Performing Arts, Other
51.2301	Art Therapy/Therapist
51.2302	Dance Therapy/Therapist
51.2305	Music Therapy/Therapist
51.2315	Drama Therapy/Therapist
51.3206	Arts in Medicine/Health

IV.B Recruitment of Institutional Participants

SNAAP led an extensive recruitment process to secure the participation of institutions in the 2022 survey. In the year leading up to survey administration, SNAAP developed a comprehensive marketing and communications plan, launched a new public-facing brand and website, and published a SNAAP Casebook featuring testimonials from administrators, staff, and faculty from previously participating institutions, to bolster recruitment efforts and emphasize the survey's value to constituents (Strategic National Arts

Alumni Project, 2021). SNAAP focused recruitment efforts on institutions selected for the sample from the sampling frame (further details are in section "IV.C Weighting Procedures" of this report). Registration for survey participation occurred between September 2021 and early August 2022 and recruitment efforts included direct email outreach, phone calls, and follow-up emails from members of the SNAAP staff and board. Multiple email campaigns advertising SNAAP participation were sent to the SNAAP mailing list, and direct outreach was made to several professional associations to reach larger networks of prospective participants. Throughout the recruitment process, a detailed tracking process was implemented to keep track of the level of difficulty in recruiting each institution, and institutions were categorized as easy, mid-level, or difficult accordingly. Many institutions were granted free or reduced-cost participation to reduce barriers to participation, and discounts were also available at request to all institutions expressing financial hardship, regardless of sample frame selection.

IV.C Weighting Procedures

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SNAAP 2022 Sample Weighting Procedures

Michael Yang
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May 26, 2023

SNAAP 2022 Sample Weighting Procedures

This document describes the procedures for producing the final analysis weights for the SNAAP 2022 sample survey. The target population of the survey includes individuals with a postsecondary degree in arts and design awarded by an U.S. institution. To represent this population, NORC developed a sampling frame from the 2018-2019 Integrated Postsecondary Education Data System (IPEDS) final release files. A stratified sample of institutions was first selected by SNAAP, and all arts and design graduates, as identified by the participating institutions, were invited to complete the survey. The final weights have two components: institutional weights and personal weights. The institutional weights are used to account for frame institutions not selected into the sample and institutions selected into the sample but declined to participate in the study, while the personal weights are used to account for graduates who were invited to the survey but failed to complete the survey.

Institutional Weights

The institutional weights were developed in two steps: sampling or base weights and nonresponse adjustments. The final institution frame used for sample selection contains a total of 2,404 institutions. The frame was divided into 17 sampling strata and an independent sample was selected from each stratum. Table 1 shows the sampling stratification, frame size, sample size, and number of complete surveys per stratum. Each complete survey represents a participating institution.

Table 1: Sampling strata, sample allocation, and complete surveys per stratum

Strata Name	Strata Description	Frame Size	Initial Sample Size	Adjusted Sample Size	Completes from Initial Sample	Other Completes	Total Completes
1_HBCU	HBCU	78	28	28	3	0	3
2_TRIBAL	Tribal	12	6	6	1	0	1
A-0-1-3	Public Specialized	2	2	2	2	0	2
B-0-1-2	Public Doc/M/Bacc	388	49	67	19	18	37
C-0-1-1	Public 2-YR/Assoc	480	49	49	4	0	4
D-X-X-0	Carnegie - Other	153	12	12	0	0	0
E-0-2-3	Private NonProfit Specialized	51	13	30	9	17	26
F-0-2-2	Private NonProfit Doc/M/Bacc	730	48	62	8	14	22
G-0-2-1	Private NonProfit 2-YR/Assoc	22	14	14	2	0	2
H-0-3-3	Private ForProfit Specialized	21	6	6	1	0	1
I-0-3-2	Private ForProfit Doc/M/Bacc	28	5	5	0	0	0
J-0-3-1	Private ForProfit 2-YR/Assoc	49	8	8	0	0	0
K-1-1-2	HSI Public Doc/M/Bacc	82	33	40	6	7	13
L-1-1-1	HSI Public 2-YR/Assoc	231	50	51	2	1	3
M-1-2-3	HSI Private NonProfit Specialized	3	3	3	1	0	1
N-1-2-2	HSI Private NonProfit Doc/M/Bacc	71	39	40	1	1	2
O-1-2-1	HSI Private NonProfit 2-YR/Assoc	3	3	3	0	0	0
All		2,404	368	426	59	58	117

A total of 368 institutions were selected into the initial sample, and 59 institutions from this initial sample participated in the study. Outside the initial sample, however, 58 institutions voluntarily participated in the study. These 58 institutions were considered part of the final sample and included in the weighting process. With the inclusion of the 58 institutions, the adjusted final sample size was 426 institutions, and the total number of participating institutions was 117. Respondents from all 117 institutions received a final weight.

The probability of selection for each institution was calculated as the sample size divided by the frame size within each stratum. The base weights were then computed as the inverse of the selection probabilities. We denote the base weight per institution as W_1^{Inst}.

The base weights were adjusted to compensate for institutions that were included in the sample but failed to participate in the study. These adjustments were carried out within weighting cells that represent collapsed strata. Note that 4 of the 17 sampling strata in Table 1 did not have a single participating institution; and another 8 strata had no more than 3 participating institutions. These strata were combined with other strata to ensure that each weighting cell has at least 4 participating institutions. The 5 nonresponse weighting cells are shown in Table 2.

Table 2: Institution level nonresponse weighting cells

Nonresponse weighting cells	Sampling strata	Number of sample institutions	Number of participating institutions
1	1_HBCU	34	4
	2_TRIBAL		
2	A-0-1-3	130	43
	B-0-1-2		
	C-0-1-1		
	D-X-X-0		
3	E-0-2-3	30	26
4	F-0-2-2	95	25
	G-0-2-1		
	H-0-3-3		
	I-0-3-2		
	J-0-3-1		
5	K-1-1-2	137	19
	L-1-1-1		
	M-1-2-3		
	N-1-2-2		
	O-1-2-1		

The nonresponse weighting adjustment factor, f_1 was computed as the ratio of the sum of the base weights across all sample institutions to the sum of the base weights across participating institutions per weighting cell. The nonresponse adjusted weight per institution, W_2^{Inst} was computed as the product of W_1^{Inst} and f_1.

In addition to the 117 participating institutions, the following 3 institutions were not included in the IPEDS and the sampling frame, but participated in the study:

- The Colburn School
- OCAD University
- Emily Carr University of Art + Design

These institutions were assigned a nonresponse adjusted weight of 1, i.e., they do not represent any other institutions other than themselves. Therefore, a total of 120 institutions received a positive weight W_2^{Inst}.

Personal weights

Participating institutions invited all their arts and design graduates to complete the SNAAP 2022 survey. However, only a fraction of the graduates completed the survey. The personal weights were created to compensate for person-level nonresponse within each participating institution.

For each participating institution and across all participating institutions, all invited graduates constituted the person-level study sample. The full sample was classified into four categories based on their final outcome disposition: eligible respondents (ER), eligible nonrespondents (EN), unknown eligibility (UN), and known ineligible (IN). Table 3 shows the distribution of the full sample across the four disposition categories.

Table 3: Distribution of the full sample by disposition category

Disposition	Disposition Description	Frequency	Percent
ER	Complete	50,091	4.83%
	Partial or break-off with sufficient information	11,166	1.08%
EN	Explicit refusal	3,601	0.35%
	Logged on to survey, did not complete any items	478	0.05%
UN	No invitation sent	237,611	22.91%
	Nothing ever returned	597,179	57.57%
	Invitation returned undelivered	107,257	10.34%
IN	Selected Respondent Screened Out of Sample	19,344	1.86%
	Duplicate Listing	10,603	1.02%
All		1,037,330	100.00%

Since all graduates were invited to the survey, the conditional selection probability of graduates is 1 given the selection of their institution. Therefore, the starting person-level weights, W_3^{Person}, were equal to their institutional weights, W_2^{Inst}.

The starting person-level weights were first adjusted to account for unknown eligibility as a source of nonresponse. Through this adjustment, the weights carried by individuals within unknown eligibility were transferred to individuals with known eligibility (eligible or ineligible). This adjustment was done within each participating institution by degree level and graduation year. Degree level was collapsed to three categories: Associate's degree or lower, Bachelor's degree, and Master's degree or above. The range of graduation year was from 1930 to 2022 across all institutions. Within each institution, initial adjustment cells were defined by crossing degree level and degree year; small cells were collapsed with other cells to ensure that each cell had at least 20 cases with known eligibility. Classification of Instructional Programs (CIP) codes and major were also considered as potential adjustment variables; they were not used due to too much missing data.

After the weighting cells were defined, the unknown eligibility adjustment factor per cell, f_2, was computed as the ratio of the sum of weights (W_3^{Person}) over all cases to the sum of weights (W_3^{Person}) over cases with known eligibility. The unknown eligibility adjusted person weights, W_4^{Person}, was computed as the product of W_3^{Person} and f_2. The unknown eligibility adjusted person weights were set to missing for invited graduates whose eligibility was unknown. All other graduates, including respondents, nonrespondents, and known ineligible cases had a positive W_4^{Person}.

The weights from the previous step were then adjusted for nonresponse among cases who were eligible for the study. Through this adjustment, the final respondents represent all eligible cases in the population. Here, the adjustment cells were defined by crossing CIP code and gender. The CIP categories were defined by the first two digits (first four digits for codes starting from "50"), resulting in a total of 22 categories. Gender was coded into three categories: Male, Female, and Other, where Other includes all nonbinary gender categories as well as those with missing gender. Cells with less than 15 respondents were collapsed with other cells to ensure sufficient cell size. The nonresponse adjustment factor, f_3, per cell was computed as the sum of the weights (W_4^{Person}) over all eligible cases (ER and EN) to the sum of the weights (W_4^{Person}) over respondents. The person-level nonresponse adjusted weights, W_5^{Person}, was computed as the product of W_4^{Person} and f_3. W_5^{Person} was set to missing for eligible nonrespondents and known ineligible cases; only eligible respondents have a positive W_5^{Person}. The sum of W_5^{Person} across all 61,257 respondents represents the estimate of the size of the target population.

Adjusted personal weights

Adjusted personal weights, $W_6^{Adj.\ person}$, were developed through raking adjustments to match corresponding IPEDS graduate count for the participating institutions. We discuss the steps for calculating the adjusted personal weights in this section. Together with the personal weights W_5^{Person}, the adjusted personal weights $W_6^{Adj.\ person}$ represent two sets of final weights for SNAAP 2022.

The nonresponse adjusted weights per person, W_5^{Person}, was partly developed from the information provided by each participating institution. Depending on the accuracy of the reported graduate counts from the participating institutions, W_5^{Person} may overestimate or underestimate the true size of the target population.

Meanwhile, since 1984, IPEDS has released annual data files that contain the total graduate count per institution by CIP codes, major, degree level, degree year, gender, and so on. The IPEDS counts can be used to potentially improve the SNAAP 2022 weights. However, there is a mismatch in terms of degree year range between the graduate count reported by each institution and the graduate count recorded in IPEDS. IPEDS data are available for most institutions between 1984 and 2021, but the IPEDS degree year range varies across institutions. For example, University of Arizona has IPEDS counts from 1996 to 2021; Art Center College of Design only has IPEDS counts from 2009 to 2019. On the other hand, the earliest degree year reported by the institutions is 1930 when IPEDS data were not available for any institution. In general, the degree year range reported by each institution is greater than the degree year range covered by IPEDS. Given this mismatch, raking adjustments can only be applied to the set of

respondents who graduated in a year when IPEDS data are available for their institution. Respondents graduated outside the IPEDS degree year range should not be included in raking adjustments. Beyond degree year, for better correspondence between the sample and the IPEDS raking targets, respondents who participate in raking have to match IPEDS count by CIP and degree level. The final criteria for including respondents in raking included:

- Respondents' degree year is covered by IPEDS;
- Respondents' degree level (Associate's degree, Bachelor's degree, Master's degree, Doctor's degree) is covered by IPEDS in the degree year range;
- Respondents' CIP (i.e., 6-digit CIP) covered by IPEDS in the degree year range.

Of the 61,257 respondents across the participating institutions, 43,266 respondents were included in the final raking adjustments and the remaining 17,991 respondents were excluded due to one or more mismatches. For these 17,991 respondents, W_5^{Person} remain their final weights, i.e., $W_6^{Adj.\ person}=W_5^{Person}$. Table 4 shows the degree year range reported by the participating institutions and the degree year range covered by IPEDS.

Table 4: Degree year range reported by institutions vs. degree year range covered by IPEDS

IPEDS ID	Institution Name	Start Year	End Year	Graduate Count
104151	Arizona State University-Tempe	1984	2021	30,578
104179	University of Arizona	1996	2021	15,669
109651	Art Center College of Design	2009	2019	4,134
110370	California College of the Arts	1984	2021	10,421
110644	University of California-Davis	1984	2021	11,097
110662	University of California-Los Angeles	1984	2021	23,269
110714	University of California-Santa Cruz	1984	2021	11,739
111081	California Institute of the Arts	1985	2021	11,048
112251	Claremont Graduate University	1989	2021	1,134
120403	Otis College of Art and Design	1984	2021	6,062
123961	University of Southern California	1984	2021	28,485
126562	University of Colorado Denver/Anschutz Medical Campus	1987	2021	5,317
130794	Yale University	1984	2021	14,363
131159	American University	1984	2021	5,598
133650	Florida Agricultural and Mechanical University	1984	2021	3,076
134097	Florida State University	1984	2021	23,129
134130	University of Florida	1984	2021	23,217
136774	Ringling College of Art and Design	1984	2021	6,971
138187	Valencia College	1984	2021	2,600
142887	American Academy of Art	2017	2021	237
143048	School of the Art Institute of Chicago	1985	2021	21,191
144281	Columbia College Chicago	1984	2021	28,071
144351	Concordia University-Chicago	1984	2021	617
144740	DePaul University	1984	2021	10,009

145600	University of Illinois at Chicago	1984	2021	10,065
145637	University of Illinois at Urbana-Champaign	1984	2021	22,087
145813	Illinois State University	1984	2021	9,624
146719	Loyola University Chicago	2005	2021	1,269
150668	Goshen College	1984	2021	749
150987	Ivy Tech Community College	2001	2021	1,735
151351	Indiana University-Bloomington	1984	2021	23,823
157085	University of Kentucky	1984	2021	10,076
161509	Maine College of Art	1984	2021	2,632
162928	Johns Hopkins University	1987	2021	7,429
163286	University of Maryland-College Park	1984	2021	13,933
163295	Maryland Institute College of Art	1984	2021	13,250
164076	Towson University	2012	2021	4,749
165574	Dean College	2001	2021	1,264
165662	Emerson College	1984	2021	17,265
166674	Massachusetts College of Art and Design	1986	2021	9,996
166911	Montserrat College of Art	1987	2021	1,737
167288	Massachusetts College of Liberal Arts	1996	2021	630
167987	University of Massachusetts-Dartmouth	1984	2021	4,674
168148	Tufts University	1984	2021	6,197
169424	Cranbrook Academy of Art	1984	2021	2,387
169442	College for Creative Studies	1984	2021	7,208
170976	University of Michigan-Ann Arbor	1984	2021	26,194
172644	Wayne State University	1984	2021	8,525
173160	Bethel University	1984	2021	938
174127	Minneapolis College of Art and Design	1984	2021	4,696
174844	St Olaf College	1984	2021	3,760
176044	Mississippi Valley State University	2012	2021	76
177746	Kansas City Art Institute	1984	2021	4,485
178396	University of Missouri-Columbia	1984	2021	4,350
179867	Washington University in St Louis	1984	2021	9,217
180489	The University of Montana	2018	2021	661
182281	University of Nevada-Las Vegas	1984	2021	7,633
184782	Rowan University	1984	2021	8,452
187745	Institute of American Indian and Alaska Native Culture and Arts Development	1986	2021	1,134
187985	University of New Mexico-Main Campus	1984	2021	11,215
190150	Columbia University in the City of New York	1984	2021	14,294
192110	The Juilliard School	1984	2021	8,166
193654	The New School	1985	2021	39,383
193900	New York University	1984	2021	62,389
194578	Pratt Institute-Main	1984	2021	28,880
195030	University of Rochester	1984	2021	9,743
197151	School of Visual Arts	1984	2021	23,135
199139	University of North Carolina at Charlotte	1984	2021	6,770

199148	University of North Carolina at Greensboro	1984	2021	10,572
199157	North Carolina Central University	2017	2021	183
199184	University of North Carolina School of the Arts	1984	2021	5,416
201061	Art Academy of Cincinnati	1984	2021	1,399
201441	Bowling Green State University-Main Campus	1984	2021	14,496
202046	Cleveland Institute of Art	1984	2021	3,208
202073	Cleveland Institute of Music	1984	2021	3,709
202170	Columbus College of Art and Design	1984	2021	7,604
202356	Cuyahoga Community College District	1987	2021	1,502
209603	Pacific Northwest College of Art	1984	2021	2,482
214379	Northampton County Area Community College	2000	2021	424
214777	Pennsylvania State University-Main Campus	1984	2019	15,568
214971	Pennsylvania Academy of the Fine Arts	1999	2021	1,294
215053	Pennsylvania College of Art and Design	2001	2021	880
216339	Temple University	1984	2021	29,806
217493	Rhode Island School of Design	1984	2021	19,959
217819	College of Charleston	1992	2021	4,448
217961	Converse College	2000	2021	1,362
220862	University of Memphis	2016	2021	1,148
220978	Middle Tennessee State University	1984	2021	7,763
222576	Amarillo College	2001	2021	684
225423	Houston Community College	2014	2021	1,008
225511	University of Houston	2016	2021	3,463
227216	University of North Texas	1984	2021	25,404
227368	The University of Texas Rio Grande Valley	2015	2021	1,350
227757	Rice University	1984	2021	5,897
227881	Sam Houston State University	2011	2021	2,731
228246	Southern Methodist University	1997	2021	5,907
228459	Texas State University	1984	2021	14,426
228778	The University of Texas at Austin	1984	2021	31,941
228875	Texas Christian University	2018	2021	928
228981	Texas Lutheran University	1984	2021	541
229027	The University of Texas at San Antonio	1984	2021	6,188
229115	Texas Tech University	1984	2021	15,016
229179	Texas Woman's University	1984	2021	3,489
230171	Dixie State University	1988	2021	836
230728	Utah State University	1984	2021	5,851
230737	Utah Valley University	2002	2021	4,539
230746	Salt Lake Community College	1992	2021	2,298
230764	University of Utah	1984	2021	12,636
230782	Weber State University	1984	2021	2,797
232982	Old Dominion University	1984	2021	3,060
234030	Virginia Commonwealth University	1984	2021	19,551
235024	Cornish College of the Arts	2012	2021	1,524

236948	University of Washington-Seattle Campus	1984	2021	23,558
238032	West Virginia University	1984	2021	6,305
239309	Milwaukee Institute of Art & Design	1984	2021	3,576
366368	New York Academy of Art	1991	2021	1,493
455992	Vermont College of Fine Arts	2009	2021	1,752
All				1,096,879

For the 43,266 respondents, raking adjustments were conducted along the following dimensions:

- 9 CIP code groups: defined by the first two CIP digits, with '30', '39', '48' combined into one group;
- 2 degree levels: Bachelor's degree or lower, Master's degree or higher;
- 6 degree year groups: 2017 – 2021, 2012 – 2016, 2007 – 2011, 2002 – 2006, 1992 – 2001, 1984 – 1991;
- 2 gender groups: Male, Female.

To carry out the raking adjustments, NORC first defined the input weights to be raked as

$$W_{Input}^{Rake} = W_5^{Person}/W_2^{Inst}.$$

This was necessary because W_5^{Person} contains institutional weights that had to be removed. Denote the raked weights as W_{Output}^{Rake}. The adjusted personal weights for the set of 43,266 respondents were computed as

$$W_6^{Adj.\ person} = W_{Output}^{Rake} * W_2^{Inst}.$$

We now compare the two sets of weights, W_5^{Person} and $W_6^{Adj.\ person}$. Table 6 compares the personal weights before and after raking to IPEDS.

Table 6: Personal weights and adjusted personal weights

Weight	Total Respondents	Sum of Weights	Coefficient of Variation
W_5^{Person}	61,257	17,914,466	127.38
$W_6^{Adj.\ person}$	61,257	28,552,298	142.97

The adjusted personal weights exhibit slightly more variance than the personal weights. More importantly, the sum of the adjusted personal weights is much greater than the sum of the personal weights. One source of the difference is that the sum of the personal weights represents the estimated size of the target population, while the sum of the adjusted personal weights contains graduates who were included in IPEDS, but would be ineligible for the study. The major source of the difference, however, is that the IPEDS graduate count was much greater than the corresponding graduate count reported by the institution. Table 7 shows the IPEDS count used as raking target and the number of graduates reported by the institution that matches the IPEDS count by degree year and degree level. Across all institutions, the ratio of the IPEDS count to the reported count by institution varies from 0.34

to 8.48, with an average of 1.73. For 106 of the 117 institutions, the IPEDS count is greater than that reported by the institution. The difference between the two weights largely reflects this discrepancy.

Table 7: IPEDS graduate count vs. institution reported graduate count

IPEDS ID	Institution Name	Graduate Count Reported by Institution	Graduate Count Matching IPEDS	IPEDS Count for Raking	Ratio
104151	Arizona State University-Tempe	30,188	25,697	30,578	1.19
104179	University of Arizona	5,696	5,486	15,669	2.86
109651	Art Center College of Design	4,868	3,714	4,134	1.11
110370	California College of the Arts	13,736	8,694	10,421	1.20
110644	University of California-Davis	7,566	6,394	11,097	1.74
110662	University of California-Los Angeles	26,339	17,485	23,269	1.33
110714	University of California-Santa Cruz	9,854	8,727	11,739	1.35
111081	California Institute of the Arts	8,226	7,671	11,048	1.44
112251	Claremont Graduate University	731	685	1,134	1.66
120403	Otis College of Art and Design	6,454	5,716	6,062	1.06
123961	University of Southern California	18,268	14,002	28,485	2.03
126562	University of Colorado Denver/Anschutz Medical Campus	2,965	2,818	5,317	1.89
130794	Yale University	18,171	12,733	14,363	1.13
131159	American University	1,545	1,242	5,598	4.51
133650	Florida Agricultural and Mechanical University	695	671	3,076	4.58
134097	Florida State University	14,448	12,061	23,129	1.92
134130	University of Florida	11,725	9,526	23,217	2.44
136774	Ringling College of Art and Design	9,492	7,374	6,971	0.95
138187	Valencia College	3,463	1,906	2,600	1.36
142887	American Academy of Art	222	185	237	1.28
143048	School of the Art Institute of Chicago	23,628	21,982	21,191	0.96
144281	Columbia College Chicago	97,123	81,405	28,071	0.34
144351	Concordia University-Chicago	816	580	617	1.06
144740	DePaul University	2,639	2,427	10,009	4.12
145600	University of Illinois at Chicago	9,234	7,474	10,065	1.35
145637	University of Illinois at Urbana-Champaign	31,157	18,217	22,087	1.21
145813	Illinois State University	11,032	7,728	9,624	1.25
146719	Loyola University Chicago	2,258	1,116	1,269	1.14
150668	Goshen College	939	607	749	1.23
150987	Ivy Tech Community College	609	562	1,735	3.09
151351	Indiana University-Bloomington	22,497	13,634	23,823	1.75
157085	University of Kentucky	4,385	3,651	10,076	2.76
161509	Maine College of Art	3,338	2,659	2,632	0.99
162928	Johns Hopkins University	4,038	3,279	7,429	2.27
163286	University of Maryland-College Park	19,550	6,092	13,933	2.29
163295	Maryland Institute College of Art	17,202	12,386	13,250	1.07
164076	Towson University	2,780	2,411	4,749	1.97

165574	Dean College	507	506	1,264	2.50
165662	Emerson College	13,177	9,610	17,265	1.80
166674	Massachusetts College of Art and Design	10,066	9,269	9,996	1.08
166911	Montserrat College of Art	3,569	3,470	1,737	0.50
167288	Massachusetts College of Liberal Arts	732	547	630	1.15
167987	University of Massachusetts-Dartmouth	5,705	4,588	4,674	1.02
168148	Tufts University	3,298	2,517	6,197	2.46
169424	Cranbrook Academy of Art	2,868	2,176	2,387	1.10
169442	College for Creative Studies	7,851	7,112	7,208	1.01
170976	University of Michigan-Ann Arbor	12,850	9,518	26,194	2.75
172644	Wayne State University	11,377	7,718	8,525	1.10
173160	Bethel University	632	537	938	1.75
174127	Minneapolis College of Art and Design	5,992	4,108	4,696	1.14
174844	St Olaf College	4,905	3,472	3,760	1.08
176044	Mississippi Valley State University	15	14	76	5.43
177746	Kansas City Art Institute	7,363	4,565	4,485	0.98
178396	University of Missouri-Columbia	4,421	3,087	4,350	1.41
179867	Washington University in St Louis	9,629	6,680	9,217	1.38
180489	The University of Montana	609	609	661	1.09
182281	University of Nevada-Las Vegas	4,481	3,382	7,633	2.26
184782	Rowan University	6,465	4,089	8,452	2.07
187745	Institute of American Indian and Alaska Native Culture and Arts Development	1,025	812	1,134	1.40
187985	University of New Mexico-Main Campus	9,694	7,397	11,215	1.52
190150	Columbia University in the City of New York	8,419	7,127	14,294	2.01
192110	The Juilliard School	12,008	6,486	8,166	1.26
193654	The New School	38,074	30,336	39,383	1.30
193900	New York University	42,037	37,243	62,389	1.68
194578	Pratt Institute-Main	25,679	21,482	28,880	1.34
195030	University of Rochester	11,756	6,024	9,743	1.62
197151	School of Visual Arts	15,575	10,523	23,135	2.20
199139	University of North Carolina at Charlotte	4,343	3,816	6,770	1.77
199148	University of North Carolina at Greensboro	8,724	6,823	10,572	1.55
199157	North Carolina Central University	195	165	183	1.11
199184	University of North Carolina School of the Arts	11,174	5,278	5,416	1.03
201061	Art Academy of Cincinnati	2,054	1,507	1,399	0.93
201441	Bowling Green State University-Main Campus	10,895	8,186	14,496	1.77
202046	Cleveland Institute of Art	4,428	3,017	3,208	1.06
202073	Cleveland Institute of Music	4,573	3,193	3,709	1.16
202170	Columbus College of Art and Design	10,233	8,264	7,604	0.92
202356	Cuyahoga Community College District	1,696	1,106	1,502	1.36
209603	Pacific Northwest College of Art	2,677	2,174	2,482	1.14
214379	Northampton County Area Community College	625	320	424	1.33
214777	Pennsylvania State University-Main Campus	11,667	8,063	15,568	1.93

214971	Pennsylvania Academy of the Fine Arts	1,558	1,340	1,294	0.97
215053	Pennsylvania College of Art and Design	915	871	880	1.01
216339	Temple University	16,215	10,808	29,806	2.76
217493	Rhode Island School of Design	25,580	13,933	19,959	1.43
217819	College of Charleston	5,389	4,461	4,448	1.00
217961	Converse College	1,014	1,014	1,362	1.34
220862	University of Memphis	2,050	988	1,148	1.16
220978	Middle Tennessee State University	13,217	10,852	7,763	0.72
222576	Amarillo College	1,344	644	684	1.06
225423	Houston Community College	1,596	953	1,008	1.06
225511	University of Houston	1,891	1,629	3,463	2.13
227216	University of North Texas	8,798	8,076	25,404	3.15
227368	The University of Texas Rio Grande Valley	919	728	1,350	1.85
227757	Rice University	1,281	1,171	5,897	5.04
227881	Sam Houston State University	3,060	1,893	2,731	1.44
228246	Southern Methodist University	4,735	4,439	5,907	1.33
228459	Texas State University	11,190	10,036	14,426	1.44
228778	The University of Texas at Austin	15,531	9,053	31,941	3.53
228875	Texas Christian University	873	521	928	1.78
228981	Texas Lutheran University	488	311	541	1.74
229027	The University of Texas at San Antonio	2,009	1,863	6,188	3.32
229115	Texas Tech University	8,298	6,306	15,016	2.38
229179	Texas Woman's University	5,690	3,457	3,489	1.01
230171	Dixie State University	862	412	836	2.03
230728	Utah State University	5,208	3,889	5,851	1.50
230737	Utah Valley University	3,136	2,661	4,539	1.71
230746	Salt Lake Community College	2,388	1,541	2,298	1.49
230764	University of Utah	9,260	7,669	12,636	1.65
230782	Weber State University	2,488	2,030	2,797	1.38
232982	Old Dominion University	546	361	3,060	8.48
234030	Virginia Commonwealth University	25,888	20,002	19,551	0.98
235024	Cornish College of the Arts	1,608	1,518	1,524	1.00
236948	University of Washington-Seattle Campus	14,242	11,084	23,558	2.13
238032	West Virginia University	5,229	3,741	6,305	1.69
239309	Milwaukee Institute of Art & Design	3,640	3,411	3,576	1.05
366368	New York Academy of Art	1,425	1,311	1,493	1.14
455992	Vermont College of Fine Arts	2,696	1,617	1,752	1.08

Using the weights

The final SNAAP sample weights assigned to each respondent may be interpreted as the number of arts and design graduates they represent in the population. The weights should be used to make inferences about arts and design graduates across the United States, to examine differences by subpopulation (e.g., types of institutions), and to examine differences by alumni characteristics (e.g., gender, race and

ethnicity). The previous section discusses the difference between the two sets of person-level weights, W_5^{Person} and $W_6^{Adj.\ person}$. Analysts may choose to use either set of weights, although $W_6^{Adj.\ person}$ is likely to overestimate population totals.

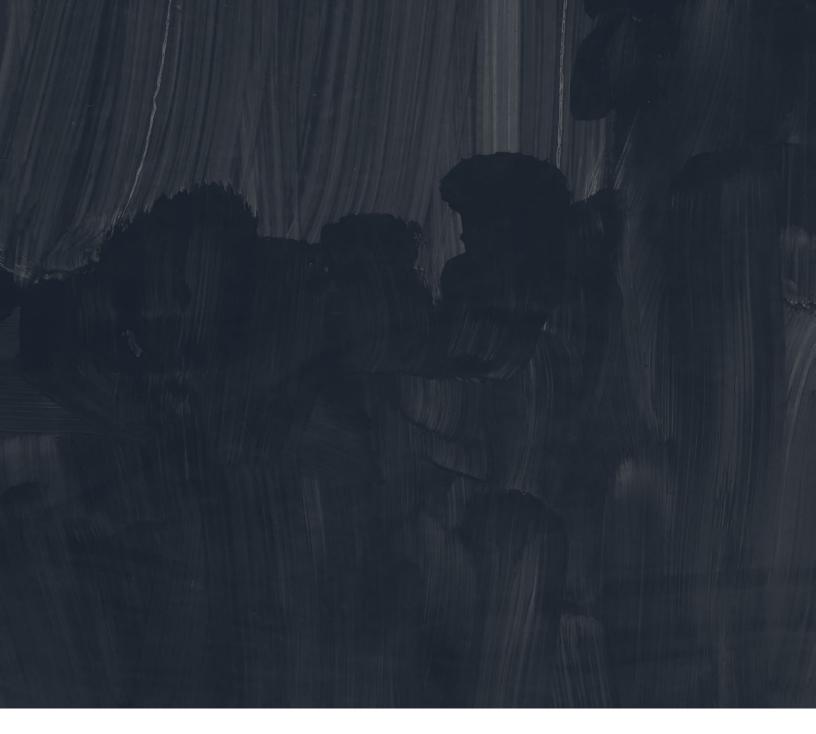# ᵛ· Considerations in context of prior SNAAP surveys

This section serves to highlight several matters relevant to the 2022 SNAAP survey administration, data, and analyses in relation to prior SNAAP survey administrations, data, and analyses. Given the notable changes made to the sampling design and updates made to the questionnaire, data from the 2022 survey administration are not directly comparable to data from prior SNAAP survey administrations. Key changes made include, but are not limited, to the following:

SNAAP's first build of a sampling strategy and survey weights to bolster generalizability of insights.

Several subsets of questions on the 2022 SNAAP questionnaire are asked only of those who graduated within the last 25 years from the participating institution.

Modifications made to the question wording and order used in prior SNAAP administrations. A specific change of note is that participating institutions had the option to have select questions reference *either* the institution, a specific college or school within the institution, or a specific department within the institution from which alumni participating in the survey had studied or trained (see references to "[INSTITUTION2]" within Appendix A), whereas references were only made to the institution in prior SNAAP administrations. Based on insights from prior administrations and engagements with institutions throughout the 2022 SNAAP recruitment process, it was apparent that alumni may hold different perceptions of their overall post-secondary institution than of the specific college, school, or department in which they studied or trained.

Additional reference documentation on prior SNAAP survey administrations is available at www.snaaparts.org

Annotated 2022 SNAAP Questionnaire

Overview of Contents

Acknowledgements

This questionnaire builds on and learns from prior SNAAP administrations. Therefore, it has greatly benefitted from critical thinking and reflection from scholars, experts in post-secondary survey research, and other stakeholders who have contributed to the evolution of the SNAAP questionnaire since its initial development in the early 2000s. The development of the 2022 SNAAP survey questionnaire has been led by Dr. Jennifer Novak-Leonard, SNAAP Research Director and Research Associate Professor in the College of Fine and Applied Arts at the University of Illinois at Urbana-Champaign, with contributions from Dr. Rachel Skaggs, Lawrence and Isabel Barnett Assistant Professor of Arts Management at The Ohio State University. The questionnaire has benefitted from feedback and insights provided by:

Survey Questionnaire

Education: Screening Questions

1   Is it correct that you pursued [DEGREELEVEL] from [INSTITUTION]? [in_deg]
<1> Yes → SKIP TO Q3, deg_aft
<0> No

2   (Skip if Q1[in_deg]=Yes/1 or NULL) Please tell us what degree or credential you pursued from [INSTITUTION]: [in_deg_other]
<4> an associate's degree
<5> a bachelor's degree
<6> a master's degree
<7> a doctoral degree
<8> a certification (undergraduate or graduate)
<9> coursework or other professional development (undergraduate or graduate)

[PAGE BREAK]

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3   Did you **complete** any other **degrees** from a college or university after your time at [INSTITUTION]? [deg_aft]

Include undergraduate or graduate degrees completed after your time at [INSTITUION]. Do not include degrees pursued, but not yet complete, or certifications or other non-degree credentials.

<1> Yes
<0> No → SKIP TO Q5

ASK IF Q3=1

4   (Skip all parts of Q4 IF Q3[deg_aft]=No/0 or NULL) How many college or university degrees did you **complete after** pursuing your [DEGREELEVEL] from [INSTITUTION]? [deg_aft_num]
<1> 1
<2> 2
<3> 3

Repeat 4a-4d based on the # of degrees entered.
Please tell us about your {other/first/second/third} after your time at [INSTITUTION].

Q4a: Degree Level [deg_aft_1_level]
     <0> Not applicable
     <5> A bachelor's degree (BA, BFA, BS, BM, etc.)
     <6> A master's degree (MA, MFA, MS, MM, etc.)
     <7> A doctoral degree (PhD, JD, MD, DMA, etc.)

Q4b: College/University Name [deg_aft_1_inst] TEXTBOX, 100 ch. Limit

Q4c: Year Degree Earned [deg_aft_1_year] DROPDOWN OF DE-GREEYEAR
     Programming Note: List each year, with most recent first, from years 2022-1970; then list 'Before 1970'; values should match year (2022=2022); "Before 1970" = 1969

Q4d: Field of Study [deg_aft_1_field] DROPDOWN Fields of Study
     <1> Architecture
     <2> Art History & Curatorial Studies
     <3> Arts, Entertainment or Media Management Administration
     <4> Arts Education (Art, Dance, Drama, Music)
     <5> Craft
     <6> Creative Writing
     <7> Dance
     <8> Design
     <9> Fine & Studio Art
     <10> Media Arts
     <11> Music
     <12> Theater
     <13> Other Arts or Design

<14> Biological Science, Agriculture, & Natural Resources
<15> Business
<16> Communications (Non-arts)
<17> Education (Non-arts)
<18> Engineering
<19> Health Professions
<20> Humanities
<21> Physical Science, Mathematics, & Computer Science
<22> Social Sciences
<23> Social Service Professions
<24> Other Degree, not arts or design field of study
<25> Unknown or Unidentified

Q4e. Did you have a secondary field of study associated with this degree? [deg_aft_1_field2]
<1> Yes
<0> No → SKIP TO Q5

ASK IF Q4e=Yes/1

Q4f: (Skip if Q4e [deg_aft_1_field2]=No/0 or NULL)
Secondary Field of Study [deg_aft_1_field2a] DROPDOWN Fields of Study

5   Since your time at [INSTITUTION], have you pursued, but not yet completed a degree from a college or university? [deg_aft_pursu]
<1> Yes
<0> No → SKIP TO Q7

ASK IF Q5=1

6   (Skip if Q5[deg_aft_pursu]=0 or NULL) Are you currently enrolled in a degree program at a college or university? [deg_aft_enroll]
<1> Yes
<0> No

[PAGE BREAK]

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7   Have you **completed** any certifications, licensures, or other professional non-degree credentials? *For example, art teaching licensure.*
[cred_compl]
<1> Yes
<0> No

8   Have you pursued, but not yet completed, a certification, licensure, or other professional non-degree credential? [cred_pursu]

<1> Yes
<0> No → SKIP TO Q10 IF DEGREELEVEL=a master's degree OR a doctorate's degree; SKIP TO Q11 IF DEGREELEVELa master's degree AND a doctorate's

ASK IF Q8=1

9   (SKIP IF Q8 [cred_pursu]=0 or NULL) Are you currently enrolled in a certificate, licensure program, or other non-degree program? [cred_enroll]
<1> Yes
<0> No

ASK IF DEGREELEVEL from INSTITUTION=a master's degree/6 OR a doctorate's degree/7

10 (SKIP all parts of Q10 IF DEGREELEVEL=4, 5, 8, OR 9) How many other college or university bachelor-level or graduate degrees did you **complete prior** to pursuing your [DEGREELEVEL] from [INSTITUTION]? [deg_bef_num]
<1> 1
<2> 2
<3> 3

Repeat 10a-10d based on the # of degrees entered.
Please tell us about your {other/first/second/third} degree before your time at [INSTITUTION].

Q10a: Prior Degree Level [deg_bef_1_level]
<0> Not applicable
<5> A bachelor's degree (BA, BFA, BS, BM, etc.)

<6> A master's degree (MA, MFA, MS, MM, etc.)
<7> A doctoral degree (PhD, JD, MD, DMA, etc.)

Q10b: College/University Name [deg_bef_1_inst] TEXTBOX, 100 ch. Limit

Q10c: Year Degree Earned [deg_bef_1_year] DROPDOWN OF DE-GREEYEAR
Programming Note: List each year, with most recent first, from years 2022-1970; then list 'Before 1970'; values should match year (2022=2022); "Before 1970" = 1969

Q10d: Field of Study [deg_bef_1_field] DROPDOWN Fields of Study
<1> Architecture
<2> Art History & Curatorial Studies
<3> Arts, Entertainment or Media Management Administration
<4> Arts Education (Art, Dance, Drama, Music)
<5> Craft
<6> Creative Writing
<7> Dance
<8> Design
<9> Fine & Studio Art
<10> Media Arts
<11> Music
<12> Theater
<13> Other Arts or Design
<14> Biological Science, Agriculture, & Natural Resources
<15> Business
<16> Communications (Non-arts)
<17> Education (Non-arts)
<18> Engineering
<19> Health Professions
<20> Humanities
<21> Physical Science, Mathematics, & Computer Science
<22> Social Sciences
<23> Social Service Professions
<24> Other Degree, not arts or design field of study
<25> Unknown or Unidentified

Q10e. Did you have a secondary field of study associated with this degree? [deg_bef_1_field2]
<1> Yes
<0> No → SKIP TO Q11

ASK IF Q10e=Yes/1

Q10f: (Skip if Q10e [deg_bef_1_field2]=No/0 or NULL)
Secondary Field of Study [deg_bef_1_field2a] DROPDOWN
Fields of Study

[PAGE BREAK]

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Institutional Satisfaction

Now, we'd like to ask you questions about your time at [INSTITUTION].

11 Overall, how would you rate your experience at [INSTITUTION] while pursuing your degree? [in_exp]

If you earned more than one degree from [INSTITUTION], please answer about the degree you most recently completed.

<4> Excellent
<3> Good
<2> Fair
<1> Poor

12 How connected do you feel to [INSTITUTION2]? [in_con]
<4> Very much
<3> Some
<2> Very little
<1> Not at all

13   Would you recommend [INSTITUTION2] to another student like you?
[in_rec]
<1> Yes
<0> No

[PAGE BREAK]

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PROGRAMMING NOTE: ASK 'SECTION-A' QUESTIONS IF GRADU-
ATED/DEPARTED FROM [INSTITUTION] IN THE LAST 25 YEARS;
OTHERWISE, SKIP TO END OF 'SECTION-A' (Q55), SO, IF yrsince>25
OR IS MISSING, THEN SKIP TO END OF 'SECTION-A' (Q55)

START SECTION-A (Skip if yrsince>25 or NULL)

**Please select the option that best describes how satisfied you were with
the following opportunities at [INSTITUTION2]:**

(Skip if yrsince>25 or NULL) *If you earned more than one degree from [IN-
STITUTION2], please answer about the degree you most recently completed.*

Opportunities to...

14   Perform, exhibit, or present your artistic or design work [in_sat_perf]

15   Work or take courses across different artistic or design disciplines
[in_sat_disc]

16   Take non-arts classes [in_sat_clas]

17   Find an internship, apprenticeship, or other professional work-train-
ing related to your career interests [in_sat_intn]

18   Network with alumni [in_sat_alum]

19   Network with artists, designers, and other creative professionals [in_
sat_prof]

20   Integrate your artistic or design work with other subjects or issues of interest to you [in_sat_inte]
<4> Very satisfied
<3> Somewhat satisfied
<2> Somewhat dissatisfied
<1> Very dissatisfied
<9> Not relevant

(Skip if yrsince>25 or NULL) **Please select the option that best describes how satisfied you were with the following aspects of your experience at [INSTITUTION2].**

21   Overall quality of instructors [in_sat_inst]

22   Quality of advising about academics, career, or further education [in_sat_advi]

23   Exposure to a broad view of career options, both in and out of the arts and design [in_sat_opti]

24   How well your experience met your expectations [in_sat_expe]
<4> Very satisfied
<3> Somewhat satisfied
<2> Somewhat dissatisfied
<1> Very dissatisfied
<9> Not relevant

(Skip if yrsince>25 or NULL) **How often did you do the following while enrolled at [INSTITUTION2]?** *Select a response for each row.*

25   Learn about creative works from diverse cultures or from creators with diverse backgrounds within your coursework [in_oft_work]

26   Learn from faculty and instructors who represent a diversity of identities [in_oft_divf]

27   Learn from guest speakers, artists, or other visiting professionals who represent a diversity of identities [in_oft_gues]

---

28   Learn about matters of racial justice or social equity within your coursework [in_oft_racj]

29   Learn about artistic or creative practices from cultural backgrounds different from your own within your coursework [in_oft_culb]

30   Work with an artist in the local community [in_oft_arti]

31   Work on a creative project with or in a role serving the local community [in_oft_cmty]
<4> Often
<3> Sometimes
<2> Rarely
<1> Never

(Skip if yrsince>25 or NULL) **While enrolled at [INSTITUTION2], how often did you feel the following**?

32   Respected by your instructors and faculty [in_oft_resf]

33   Respected by your classmates [in_oft_resc]

34   Treated differently by your instructors and faculty in a way that affected you negatively [in_oft_diff]

35   Treated differently by your classmatesin a way that affected you negatively [in_oft_difc]

36   Valued by your classmates [in_oft_valc]

37   Valued by your instructors and faculty [in_oft_valf]
<4> Often
<3> Sometimes
<2> Rarely
<1> Never

38   37text. (Skip if yrsince>25 or NULL) **If you would like to share more about the responses you provided about respect, being treated differently, or feeling valued in the prior questions, please use the text box below to do so:** TEXT BOX, 500 ch. Limit [in_sbtext]

Continue SECTION-A

(Skip if yrsince>25 or NULL) **In your opinion, how much did [INSTITUTION2] help you acquire or develop each of the following skills?**

39 Critical thinking skills [in_sk_anly]

40 Business, financial, or entrepreneurial skills [in_sk_buen]

41 Creative thinking and problem-solving skills [in_sk_crea]

42 Communication skills [in_sk_comm]

43 Research skills [in_sk_rese]

44 Technology skills [in_sk_tech]

45 Artistic technique [in_sk_artt]

46 Project management skills [in_sk_proj]

47 Networking and relationship-building skills [in_sk_netw]
   <4> Very much
   <3> Some
   <2> Very little
   <1> Not at all

(Skip if yrsince>25 or NULL) **In your opinion, how much did your coursework at [INSTITUTION2] help you acquire or develop each of the following abilities?**

48 To be resilient and to pick yourself up when things do not go as planned [in_sk_resi]

49 To adapt to changing circumstances [in_sk_adap]

50 To recognize opportunities to advance your ideas or career [in_sk_opty]

51 To collaborate with others from cultures and demographics different from your own [in_sk_coll]

52 To evaluate multiple approaches to solving a problem [in_sk_solv]
<4> Very much
<3> Some
<2> Very little
<1> Not at all

(Skip if yrsince>25 or NULL) **Did you do the following while at [INSTITUTION2]?**

53 Complete a portfolio (a document/record of your cumulative artistic work) or a thesis/capstone project? [in_do_port]

54 Utilize career service offerings? [in_do_cars]

55 Complete an internship, apprenticeship, or other professional work-training relevant to your degree? [in_do_intn]
<1> Yes
<0> No
<77> Don't recall

END SECTION-A

[PAGE BREAK]

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56 While enrolled at [INSTITUTION2], did you use any of the following types of assistance? *Select all that apply.*
<1> Selected
<0> Not selected
    a. No assistance IF SELECTED, THEN ALL OTHER RESPONSES=0 [in_ast_non]
    b. Visual assistance, screen readers, and/or audio descriptions [in_ast_vis]

    c. Assistance in speaking, language interpretation [in_ast_spe]
    d. Emotional or behavioral supports or assistance [in_ast_emo]
    e. Assistive listening devices, captioning, or other deaf or hard-of-hearing supports [in_ast_hea]
    f. Intellectual, cognitive, or developmental supports or assistance [in_ast_int]
    g. Assistance with a learning disability [in_ast_lea]
    h. Mobility assistance, for example automated doors, elevators, or wheelchairs [in_ast_mob]
    i. Other assistance not listed here, please share: TEXT BOX, 50 ch. Limit [in_ast_oth, *if selected*] [in_ast_othtxt, *for textbox*]
    j. Prefer to not answer IF SELECTED, THEN ALL OTHER RESPONSES==0 [in_ast_pna]

57 Is there anything that [INSTITUTION2] could have done better to prepare you for your career or for your further education? Please describe.
TEXT BOX, 500 ch. Limit [in_bettext]

PROCEED TO 'EARLY WORK EXPERIENCES'

[PAGE BREAK]

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Early Work Experiences

PROGRAMMING NOTE: ASK 'SECTION-B' QUESTIONS IF GRADUATED/DEPARTED FROM [INSTITUTION] IN THE LAST 25 YEARS; OTHERWISE, SKIP TO 'CURRENT WORK' (Q60); SO, IF yrsince>25 OR IS MISSING, THEN SKIP TO END OF 'SECTION-B' (Q60)

START SECTION-B

58 (Skip if yrsince>25 or NULL) After leaving [INSTITUTION], how long did it take for you to obtain full-time work (working for pay or profit for 35 or more hours per week)? [jobtime_ft]

<1> Obtained work prior to leaving [INSTITUTION]
<2> Obtained work in less than four months
<3> Obtained work in four to twelve months
<4> Obtained work after more than a year

(Skip if yrsince>25 or NULL and if Q57[jobtime_ft]=5, 6, 7, or NULL) **How closely related was this full-time work experience to ...**

59   ...your education or training from [INSTITUTION2]? [jobtrain_ft]

60   ...your long-term career interests? [career_ft]
       <2> Closely related
       <1> Somewhat related
       <0> Not Related

END SECTION-B

PROCEED TO 'CURRENT WORK'

[PAGE BREAK]

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Current Work

Now, we'd like to ask some questions about your employment.

61   Have you ever been self-employed, an independent contractor, or a freelance worker? [wk_self]
       <1> Yes, I do this currently.
       <2> Yes, I have done it in the past, but no longer do.
       <3> No, I have not done this.

62 Were you working for pay or profit during a typical week in September 2022? [wk_curr]
<1> Yes
<0> No → SKIP TO Q102 (page 14)

[PAGE BREAK]

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START SECTION-C (ASK IF Q61[wk_curr] = Yes/1)
(Skip if Q61[wk_curr]=0 or NULL) During a typical week in September 2022, about how many hours did you work for pay or profit?
[wk_hour]
<1> 1-10
<2> 11-20
<3> 21-30
<4> 31-35
<5> 36-40
<6> 41-50
<7> 51-60
<8> 61 or more

63 (Skip if Q61[wk_curr]=0 or NULL) During a typical week in September 2022, were you working for one or more than one employer?. [wk_emps]
<1> One employer
<2> More than one employer

64 (Skip if Q61[wk_curr]=0 or NULL) During a typical week in September 2022, did your work duties include any of the following?
<1> Yes
<0> No
  a. Teaching visual or performing arts, design, or creative writing [wk_d_teach]
  b. Managing or administering programs relevant to arts, design, or creative writing [wk_d_admin]
  c. Managing artists, designers, or other creative workers [wk_d_artwk]
  d. Creating, rehearsing, or performing music, dance, or other theatrical arts [wk_d_crper]

e. Creating, planning, or showing visual arts work [wk_d_crvis]
f. Editing, publishing, or showcasing designs or creative writing [wk_d_crwrt]
g. Use of expertise in artistic, design, architecture, or creative writing techniques [wk_d_artte]
h. Use of expertise in public, community-engaged, or social practice art [wk_d_pubar]

[PAGE BREAK]

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CONTINUE SECTION-C (ASK IF Q61[wk_curr] = yes/1)

65 (Skip if Q61[wk_curr]=0 or NULL) Do you currently work in an arts or design occupation, including teaching and management positions in the arts or design field? [curjob_art]
<1> Yes
<0> No → SKIP TO Q66

(Skip if Q61[wk_curr]=0 or NULL and Q65=0 or NULL) Please indicate the arts and design **occupations** in which you currently work. *Select all that apply.*

<1> Selected
<0> Not selected
a. Actor [curjob_actor]
b. Architect [curjob_arch]
c. Arts administrator or manager (including development, marketing, or box office/sales) [curjob_artadm]
d. Arts educator – in higher education [curjob_tchhied]
e. Arts educator – in K-12 [curjob_tchk12]
f. Arts educator - outside of K-12 or higher education [curjob_othtch]
g. Craft artist [curjob_craft]
h. Dancer or choreographer [curjob_choreo]
i. Designer - Graphic designer, illustrator, or art director [curjob_graphicdes]
j. Designer - Interior designer [curjob_intdes]
k. Designer - Web designer [curjob_webdes]

l. Engineer or technician (sound, light, other) [curjob_sound]
m. Film, TV, or video artist [curjob_film]
n. Fine artist [curjob_finart]
o. Multi-media artist or animator [curjob_animator]
p. Museum or gallery worker, including curator [curjob_curator]
q. Musician (including instrumental, vocal, conductor, composer, arranger) [curjob_musician]
r. Photographer [curjob_photo]
s. Production designer or production manager [curjob_prod]
t. Theater and stage director or producer [curjob_stage]
u. Writer, author, or editor [curjob_writer]
v. Other arts or design occupation not listed, please describe: TEXT BOX, 50 ch. Limit [curjob_othart, *if selected*] [curjob_otharttext, *for textbox*]

66 (Skip if Q61[wk_curr]=0 or NULL) Do you currently work in any non-arts related occupations? [curjob_nonart]
<1> Yes
<0> No

(Skip if Q61[wk_curr]=0 or NULL and Q66[curjob_nonart]=0 or NULL) Please indicate any **additional occupations** in which you currently work. *Select all that apply.*

<1> Selected
<0> Not selected
a. Communications (e.g., journalism, marketing, public relations, advertising) [curjob_comm]
b. Computer and mathematics (e.g., IT, analysts, and software developers) [curjob_comput]
c. Education, training, and library [curjob_edu]
d. Financial and other business services [curjob_finan]
e. Healthcare [curjob_hlthtech]
f. Legal [curjob_legal]
g. Management (e.g., executives and managers) [curjob_manag]
h. Office and administrative support [curjob_office]
i. Sales (e.g., real estate, retail sales) [curjob_sales]
j. Social or other services (e.g., counselors, social workers, food service, travel industry) [curjob_socialser]
k. Other occupation not listed, please describe: TEXT BOX, 50 ch. Limit [curjob_oth, *if selected*] [curjob_othtxt, *for text box*]

PROGRAMMING NOTE: ASK IF 2 OR MORE SELECTED FROM Q65 AND Q66
So,
Skip if Q61[wk_curr]=0 or NULL, AND <2 selected between Q65YES and Q66YES

67 Please select the occupation in which you spend **most** of your paid work time. *Select one.*
    Response options populated with responses selected in Q65 and/or Q66. [curjob_majtime]

PROGRAMMING NOTE: ASK IF ANY RESPONSE CATEGORY SELECTED IN Q64=1 OR IF Q65=1

68 What is **the most** important resource to which you currently do not have access, but need to advance your artistic or design career? [wk_impresource]
    <0> I am not currently seeking to advance an artistic or design career
    <10> I currently feel adequately resourced to advance an artistic or design career
    <1> Space, such as studio or performance/exhibition space
    <2> Equipment
    <3> Business advising
    <4> Funding (e.g., grants, loans, investment capital)
    <5> Publicity and recognition of your work
    <6> Professional networks
    <7> Childcare or elder care
    <8> Technology support
    <9> Other, please describe: TEXT BOX, 50 ch. Limit [wk_impresourcetext, *for text box*

CONTINUE SECTION-C (ASK IF Q61[wk_curr] = yes/1)

Thinking about your paid work during a typical week in September 2022, indicate your level of satisfaction with each of the following:

69 Job security [wk_sat_sec]

70 Opportunity for advancement [wk_sat_adv]

71 Pay or earnings [wk_sat_pay]

72 Benefits (e.g., health insurance, leave) [wk_sat_ben]

73 Flexibility of work hours [wk_sat_fhr]

74 Flexibility of work location [wk_sat_flo]

75 Level of responsibility [wk_sat_res]

76 Opportunity to contribute to society [wk_sat_con]

77 Opportunity to be creative [wk_sat_cre]

78 Opportunity to be intellectually challenged [wk_sat_int]

79 Alignment with your values [wk_sat_val]

80 Degree of independence [wk_sat_ind]

81 Overall job satisfaction [wk_sat_all]
  <4> Very satisfied
  <3> Somewhat satisfied
  <2> Somewhat dissatisfied
  <1> Very dissatisfied

How important was each of the following to perform effectively in your paid work in September 2022?

82 Critical thinking skills [wk_sk_anly]

83 Business, financial, or entrepreneurial skills [wk_sk_buen]

---

84   Creative thinking and problem-solving skills [wk_sk_crea]

85   Communication skills [wk_sk_comm]

86   Research skills [wk_sk_rese]

87   Technology skills [wk_sk_tech]

88   Artistic technique [wk_sk_artt]

89   Project management skills [wk_sk_proj]

90   Networking and relationship-building skills [wk_sk_netw]

91   Ability to be resilient and to pick yourself up when things do not go as planned [wk_sk_resi]

92   Ability to adapt to changing circumstances [wk_sk_adap]

93   Ability to recognize opportunities to advance your ideas [wk_sk_opty]

94   Ability to collaborate with people from cultures and demographics different from your own [wk_sk_coll]

95   Ability to evaluate multiple approaches to solving a problem [wk_sk_solv]
<4> Very important
<3> Important
<2> Slightly important
<1> Not important

(Skip if Q61[wk_curr]=0 or NULL) **How often do you feel the following in your paid work?**

96   Respected by your co-workers or collaborators [wk_oft_resc]

97   Treated differently by co-workers or collaborators in way that affected you negatively [wk_oft_difc]

98   Valued by your co-workers or collaborators [wk_oft_valc]

<4> Often
<3> Sometimes
<2> Rarely
<1> Never

(Skip if Q61[wk_curr]=0 or NULL) **Overall, to what extent would you say your career...**

99   ... is related to your field of study or training during your time at [INSTITUTION2]? [wk_degfld]
<2> Closely related
<1> Somewhat related
<0> Not related

(Skip if Q61[wk_curr]=0 or NULL) **Overall, to what extent would you say your career...**

100   ... draws upon skills and abilities developed during your time at [INSTITUTION2]? [wk_degskl]
<4> Very much
<3> Some
<2> Very little
<1> Not at all

101   (Skip if Q61[wk_curr]=0 or NULL) Based on your experience, how important is having a degree in arts, design, or a related management field to advancing a career in arts or design? [degimp]
<4> Very important
<3> Important
<2> Slightly important
<1> Not important

END SECTION-C

PROCEED TO 'PRE-PANDEMIC WORK & EXPERIENCE SINCE THE ONSET OF THE PANDEMIC'

[PAGE BREAK]

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102 (Skip if Q61[wk_curr]=1) Please indicate why you are not currently working for pay or profit. *Select all that apply.*
<1> Selected
<0> Not selected

    a. Retired [wk_whynot_ret]
    b. Unemployed and looking for work [wk_whynot_look]
    c. Full-time student [wk_whynot_stud]
    d. Full-time family caregiver [wk_whynot_care]
    e. Working, but not for pay or profit (e.g., as an unpaid intern or in another volunteer capacity) [wk_whynot_nopay]
    f. Other, please describe: TEXT BOX, 50 ch. Limit [wk_whynot_oth, *if selected*] [wk_whynot_othtext, *for text box*]

PROCEED TO 'PRE-PANDEMIC WORK & EXPERIENCE SINCE THE ONSET OF THE PANDEMIC'

[PAGE BREAK]

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Pre-Pandemic Work & Experience since the onset of the Pandemic

Now, we'd like to ask some questions about what things were like for you just **before** the widespread onset of the COVID-19 pandemic. **Please think back to what things were like for you in early March 2020,** just before the pandemic started to spread across the United States.

ASK IF Q61=1

103 (Skip if Q61[wk_curr]=No/0 or NULL) In general, were you doing the same kind of work or in similar occupations in early March 2020 as you were in September 2022? [p_m20wk]*
<1> Yes → SKIP TO Q106
<0> No

---

104 (Skip if Q103[p_m20wk]=Yes/1 or 9999) Please indicate the arts and design **occupations** in which you worked in early March 2020. *Select all that apply.*
<1> Selected
<0> Not selected

a. No occupation in arts or design IF SELECTED, ALL OTHER RESPONSE OPTIONS = 0 [p_noart]
b. Actor [p_actor]
c. Architect [p_arch]
d. Arts administrator or manager (including development, marketing, or box office/sales) [p_artadm]
e. Arts educator – in higher education [p_tchhied]
f. Arts educator – in K-12 [p_tchk12]
g. Arts educator - outside of K-12 or higher education [p_othtch]
h. Craft artist [p_craft]
i. Dancer or choreographer [p_choreo]
j. Designer - Graphic designer, illustrator, or art director [p_graphicdes]
k. Designer - Interior designer [p_intdes]
l. Designer - Web designer [p_webdes]
m. Engineer or technician (sound, light, other) [p_sound]
n. Film, TV, or video artist [p_film]
o. Fine artist [p_finart]
p. Multi-media artist or animator [p_animator]
q. Museum or gallery worker, including curator [p_curator]
r. Musician (including instrumental, vocal, conductor, composer, arranger) [p_musician]
s. Photographer [p_photo]
t. Production designer or production manager [p_prod]
u. Theater and stage director or producer [p_stage]
v. Writer, author, or editor [p_writer]
w. Other arts or design occupation not listed, please describe: TEXT BOX, 50 ch. Limit [p_othart, *if selected*] [p_otharttxt, *for text box*]

105 Please indicate any additional **occupations** in which you worked in early March 2020. *Select all that apply.*
<1> Selected
<0> Not selected

a. No additional occupation IF SELECTED, ALL OTHER RESPONSE OPTIONS = 0 [p_noadd]
b. Communications (e.g., journalism, marketing, public relations, advertising) [p_comm]
c. Computer and mathematics (e.g., IT, analysts, and software developers) [p_comput]
d. Education, training, and library [p_edu]
e. Financial and other business services [p_finan]
f. Healthcare [p_hlthtech]
g. Legal [p_legal]
h. Management (e.g., executives and managers) [p_manag]
i. Office and administrative support [p_office]
j. Sales (e.g., real estate, retail sales) [p_sales]
k. Social or other services (e.g., counselors, social workers, food service, travel industry) [p_socialser]
l. Other occupation not listed, please describe: TEXT BOX, 50 ch. Limit [p_oth, *if selected*] [p_othtxt, *for text box*]

106 In early March 2020, was any of your work for pay or profit considered to be self-employment, or work as an independent contractor or freelance worker? *Select one.* [p_self]
<1> Yes
<0> No
<9> I did not work for pay or profit in early March 2020

[PAGE BREAK]

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ASK 'SECTION-D' IF:
1. Q103[p_m20wk]=1/Yes AND ANY RESPONSE CATEGORY IN Q64=1; OR
2. Q103[p_m20wk]=1/Yes AND Q65[curjob_art]=1; OR
3. Q103[p_m20wk]=0/No AND ANY RESPONSE IN Q104 SELECTED OTHER THAN "No occupation in arts or design"

Now, we'd like to ask some questions about what things have been like for you **since the onset of** the COVID-19 pandemic, so since mid-March 2020. We recognize that the pandemic affected people differently, including in very challenging ways, and we sincerely appreciate you answering these questions.

107 Since the onset of the pandemic, from mid-March 2020 until now, how much of your work has been related to arts or design? [p_artwk]
<3> More of my work is related to arts or design than before March 2020
<2> My work's relation to arts or design has remained the same as before
<1> Less of my work is related to arts or design than before March 2020

108 Which of the following changes, if any, did you make to your creative work since the start of the pandemic? *Select all that apply.*
<1> Selected
<0> Not selected
    a. Changed the content, style, or media of the art that you create or perform [p_ch_art]
    b. Sought out new collaborators, communities, or professional networks [p_ch_coll]
    c. Increased efforts to have your creative work address problems in your community [p_ch_cmty]
    d. Other change, please describe: TEXT BOX, 50 ch. Limit [p_ch_oth, *if selected*] [p_ch_othtext, *for text box*]
    e. No notable changes IF SELECTED, ALL OTHER RESPONSE OPTIONS = 0 [p_ch_none]

109 Since the onset of the pandemic, how important has it been to you to update or learn new skills to advance your career? [p_skill]
<4> Very important

<3> Important
<2> Slightly important → SKIP TO Q112
<1> Not important → SKIP TO Q112

110 (Skip if Q109[p_skill]=1, 2, or NULL) What types of skills have you sought in effort to advance your career since the start of the pandemic? *Select all that apply.*
<1> Selected
<0> Not selected

    a. Technology skills [p_sk_tech]
    b. Tech-based production skills [p_sk_prod]
    c. Business, financial, or entrepreneurial skills [p_sk_buen]
    d. Skills in artistic or design techniques [p_sk_artt]
    e. Skills in anti-oppressive practices [p_sk_anti]
    f. Skills to facilitate a change to a different occupational field [p_sk_pivot]
    g. Other skills, please describe: TEXT BOX, 50 ch. Limit [p_sk_oth, *if selected*] [p_sk_othtext, *for text box*]

111 (Skip if Q109[p_skill]=1, 2, or NULL) Where did you acquire new skills to advance your career? *Select all that apply.*
<1> Selected
<0> Not selected

    a. College or university degree program [p_ask_deg]
    b. College or university non-degree program or coursework [p_ask_ndeg]
    c. Employer-provided training or resources [p_ask_empr]
    d. Trade associations, unions, or other regional organizations that support creative workers [p_ask_org]
    e. Online courses or other formal trainings, other than college or university programs [p_ask_online]
    f. Self-taught (e.g. using online tutorials or other resources) [p_ask_self]
    g. Existing mentors or friends [p_ask_ment]
    h. New acquaintances or connections made since the onset of the pandemic [p_ask_acqu]
    i. Other, please describe: TEXT BOX, 50 ch. Limit [p_ask_oth, *if selected*] [p_ask_othtext, *for text box*]

Now, think back to what things were like for you during the first year of the pandemic, so between **mid-March 2020 and February 2021**. This is the period of the pandemic before vaccines were approved for widespread public distribution in the United States.

112 How, if at all, was your paid work affected between mid-March 2020 and February 2021? *Select all that apply.*
<1> Selected
<0> Not selected

   a. Lost a job, was furloughed, or otherwise was out of work [p_wk1_lost]
   b. Lost personal income or experienced a pay cut [p_wk1_cut]
   c. Utilized unemployment benefits or other government assistance [p_wk1_unemp]
   d. Stopped or cut back work specifically for family caregiving [p_wk1_care]
   e. Started a new full-time or part-time job in arts or design [p_wk1_newpt]
   f. Started a new full-time or part-time job not related to arts or design [p_wk1_newft]
   g. Picked up new gigs or project-based arts or design work [p_wk1_gigart]
   h. Picked up new gigs or project-based work not related to arts or design [p_wk1_gignart]
   i. Paid work was not affected [p_wk1_notaff] IF SELECTED, ALL OTHER RESPONSE OPTIONS = 0
   j. Other, please describe: [p_wk1_oth, *if selected*] [p_wk1_oth-text, *for text box*]

END SECTION-D

PROCEED TO 'EDUCATION FINANCING'

[PAGE BREAK]

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Education Financing

Now, we'd like to ask you some questions about the resources you have utilized to pay for your education.

PROGRAMMING NOTE 113&114: ASK IF DEGREELEVEL, Q4A, Q4B, Q4C, Q10A, Q10B, or Q10C = bachelor's degree(5)

113 (Skip if yrsince>25 or NULL, deg_aft_1_level5, deg_aft_2_level5, deg_aft_3_level5, deg_bef_1_level5, deg_bef_2_level5, deg_bef_3_level5, and DEGREELEVEL5)
What resources did you use to pay for your bachelor's degree(s)?

When answering this question, please consider the financing for the cost of tuition, books and supplies, room and board, and other fees. Select all that apply.
<1> Selected
<0> Not selected

   a. Financial assistance from parents, spouse, or other relatives, **not to be repaid** [pay_ba_fam]
   b. Loans from parents or other relatives, **to be repaid** [pay_ba_famloan]
   c. Loans from state of federal government [pay_ba_govloan]
   d. Loans from other sources, such as banks or the school you attended [pay_ba_othloan]
   e. Tuition waivers, fellowships, grants, or scholarships [pay_ba_help]
   f. Work study or assistantships [pay_ba_wkstudy]
   g. Earnings from employment [pay_ba_earn]
   h. Personal savings [pay_ba_psav]
   i. Other, please share: TEXT BOX, 50 ch. Limit [pay_ba_oth, *if selected*] [pay_ba_othtext, *for text box*]

114
This question asks about how much you borrowed (loans from any source that are to be repaid) to finance your bachelor's degree(s) and how much you still owed as of September 1, 2022.

Total Amount Borrowed: [pay_ba_borrow]
    <0> $0
    <1> $1-10,000
    <2> $10,001-$20,000
    <3> $20,001-$30,000
    <4> $30,001-$40,000
    <5> $40,001-$50,000
    <6> $50,001-$60,000
    <7> $60,001-$70,000
    <8> $70,001-$80,000
    <9> $80,001-$90,000
    <10> $90,001 or more

Total Amount Owed: [pay_ba_owe]
    <0> $0
    <1> $1-10,000
    <2> $10,001-$20,000
    <3> $20,001-$30,000
    <4> $30,001-$40,000
    <5> $40,001-$50,000
    <6> $50,001-$60,000
    <7> $60,001-$70,000
    <8> $70,001-$80,000
    <9> $80,001-$90,000
    <10> $90,001 or more

PROGRAMMING NOTE: ASK IF DEGREELEVEL, Q4A, Q4B, Q4C, Q10A, Q10B, or Q10C = master's degree/6

115
What resources did you use to pay for your master's degree(s)?

When answering this question, please consider the financing for the cost of tuition, books and supplies, room and board, and other fees. Select all that apply.

<1> Selected
<0> Not selected

a. Financial assistance from parents, spouse, or other relatives, **not to be repaid** [pay_mas_fam]
b. Loans from parents or other relatives, **to be repaid** [pay_mas_famloan]
c. Loans from state of federal government [pay_mas_govloan]
d. Loans from other sources, such as banks or the school you attended [pay_mas_othloan]
e. Tuition waivers, fellowships, grants, or scholarships [pay_mas_help]
f. Work study or assistantships [pay_mas_wkstudy]
g. Earnings from employment [pay_mas_earn]
h. Personal savings [pay_mas_psav]
i. Other, please share: TEXT BOX, 50 ch. Limit [pay_mas_oth, *if selected*] [pay_mas_othtext, *for text box*]

116 (Skip if yrsince>25 or NULL, deg_aft_1_level6, deg_aft_2_level6, deg_aft_3_level6, deg_bef_1_level6, deg_bef_2_level6, deg_bef_3_level6, and DEGREELEVEL6)

This question asks about how much you borrowed (loans from any source that are to be repaid) to finance your master's degree(s) and how much you still owed as of September 1, 2022.

Total Amount Borrowed: [pay_mas_borrow]

<0> $0
<1> $1-10,000
<2> $10,001-$20,000
<3> $20,001-$30,000
<4> $30,001-$40,000
<5> $40,001-$50,000
<6> $50,001-$60,000
<7> $60,001-$70,000
<8> $70,001-$80,000
<9> $80,001-$90,000
<10> $90,001 or more

Total Amount Owed: [pay_mas_owe]
  <0> $0
  <1> $1-10,000
  <2> $10,001-$20,000
  <3> $20,001-$30,000
  <4> $30,001-$40,000
  <5> $40,001-$50,000
  <6> $50,001-$60,000
  <7> $60,001-$70,000
  <8> $70,001-$80,000
  <9> $80,001-$90,000
  <10> $90,001 or more

117 (Skip if yrsince>25 or NULL, deg_aft_1_level6, deg_aft_2_level6, deg_aft_3_level6, deg_bef_1_level6, deg_bef_2_level6, deg_bef_3_level6, and DEGREELEVEL6)
Why did you pursue your master's degree(s)? *Select all that apply.*

<1> Selected
<0> Not selected
  a. To improve skills or knowledge in your current occupational field [why_mas_cocc]
  b. To increase opportunities for promotion or advancement in your
     current occupational field [why_mas_adv]
  c. To facilitate a change to a different occupational field [why_mas_pivot]
  d. Required or expected by employer [why_mas_req]
  e. To start your own business [why_mas_bus]
  f. Other, please share: TEXT BOX, 50 ch. Limit [why_mas_oth, *if selected*] [why_mas_othtext, *for text box*]

PROGRAMMING NOTE: ASK IF DEGREELEVEL, Q4A, Q4B, Q4C, Q10A, Q10B, or Q10C = doctorate's degree/7

118 (Skip if yrsince>25 or NULL, deg_aft_1_level7, deg_aft_2_level7, deg_aft_3_level7, deg_bef_1_level7, deg_bef_2_level7, deg_bef_3_level7, and DEGREELEVEL7)
What resources did you use to pay for your doctorate's degree?

When answering this question, please consider the financing for the cost of tuition, books and supplies, room and board, and other fees. Select all that apply.

<1> Selected
<0> Not selected

    a. Financial assistance from parents, spouse, or other relatives, **not to be repaid** [pay_phd_fam]
    b. Loans from parents or other relatives, **to be repaid** [pay_phd_famloan]
    c. Loans from state of federal government [pay_phd_govloan]
    d. Loans from other sources, such as banks or the school you attended [pay_phd_othloan]
    e. Tuition waivers, fellowships, grants, or scholarships [pay_phd_help]
    f. Work study or assistantships [pay_phd_wkstudy]
    g. Earnings from employment [pay_phd_earn]
    h. Personal savings [pay_phd_psav]
    i. Other, please share: TEXT BOX, 50 ch. Limit [pay_phd_oth, *if selected*] [pay_phd_othtext, *for text box*]

119 (Skip if yrsince>25 or NULL, deg_aft_1_level7, deg_aft_2_level7, deg_aft_3_level7, deg_bef_1_level7, deg_bef_2_level7, deg_bef_3_level7, and DEGREELEVEL7)

This question asks about how much you borrowed (loans from any source that are to be repaid) to finance your doctorate's degree and how much you still owed as of September 1, 2022.

Total amount borrowed: [pay_phd_borrow]
    <0> $0
    <1> $1-10,000
    <2> $10,001-$20,000
    <3> $20,001-$30,000
    <4> $30,001-$40,000
    <5> $40,001-$50,000
    <6> $50,001-$60,000
    <7> $60,001-$70,000
    <8> $70,001-$80,000
    <9> $80,001-$90,000
    <10> $90,001 or more

Total amount owed: [pay_phd_owe]
    <0> $0
    <1> $1-10,000
    <2> $10,001-$20,000
    <3> $20,001-$30,000
    <4> $30,001-$40,000
    <5> $40,001-$50,000
    <6> $50,001-$60,000
    <7> $60,001-$70,000
    <8> $70,001-$80,000
    <9> $80,001-$90,000
    <10> $90,001 or more

120 (Skip if yrsince>25 or NULL, deg_aft_1_level7, deg_aft_2_level7, deg_aft_3_level7, deg_bef_1_level7, deg_bef_2_level7, deg_bef_3_level7, and DEGREELEVEL7)

Why did you pursue your doctorate's degree(s)? *Select all that apply.*
<1> Selected
<0> Not selected

   a. To improve skills or knowledge in your current occupational field [why_phd_cocc]
   b. To increase opportunities for promotion or advancement in your
      current occupational field [why_phd_adv]
   c. To facilitate a change to a different occupational field [why_phd_pivot]
   d. Required or expected by employer [why_phd_req]
   e. To start your own business [why_phd_bus]
   f. Other, please share: TEXT BOX, 50 ch. Limit [why_phd_oth, *if selected*] [why_phd_othtext, *for text box*]

[PAGE BREAK]

PROCEED TO 'ADDITIONAL RESEARCH PARTICIPATION'

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Additional Research Participation

121 *Before we finish with some questions about your background, we'd like to ask, are you are open to possible future contact about participating in research that seeks to better understand the lives and careers of arts and design alumni? [future]
<1> Yes
<0> No

Identity & Socio-Demographic Questions

We would like to ask about your background and how you identify yourself. *Why?* College and university leaders, policymakers, and researchers want to know whether different groups have fundamentally similar or different educational experiences. By providing this information, you will help us answer these and other important questions.

122 If you'd like, please share a few words or phrases you use to describe your own identity. *For example, some people identify themselves as parents or based on familial relationships, based on their religious beliefs or cultural heritage, based on the things they like to do, or based on their outlook on life.* Please briefly describe your identity however you would like. TEXT BOX, 500 ch. Limit [identity_text]

123 *Which best describes how you identify yourself in terms of race and ethnicity? *Select all that apply.*
<1> Selected
<0> Not Selected
    a. American Indian or Alaska Native [race_amerind]
    b. Asian Indian [race_ind]
    c. Chinese [race_chin]
    d. Asian (other than Chinese or Asian Indian) [race_asian]
    e. Black or African American [race_blck]
    f. Hispanic, Latino, or Spanish origin [race_hisp]
    g. Middle Eastern or North African [race_mena]
    h. Native Hawaiian or Pacific Islander [race_nhpi]
    i. White [race_white]

j. A racial or ethnic identity that is not listed, please share: [TEXT BOX, 100 ch. limit] [race_oth, *if selected*] [race_othtext, *for text box*]

   k. Prefer to not answer IF SELECTED, THEN ALL OTHER RESPONSES=0 [race_pna]

124 What is your age? In years: Number box (no decimals), [3 Ch. Limit, minimum age 18] [age]

125 *Which best describes your current gender identity? [gen]
<1> Woman
<2> Man
<3> A gender identity that is not listed (e.g., nonbinary, transgender, gender fluid, two-spirit), please share: [TEXT BOX, 100 ch. limit] [*if selected*, gen_othtext, *for text box*]
<9>Prefer to not answer

126 *Which best describes your current sexual orientation? [sex]
<1> Asexual or aromatic
<2> Bisexual or pansexual
<3> Gay or lesbian
<4> Heterosexual
<5> A sexual orientation that is not listed, please share: [TEXT BOX, 100 ch. limit] [*if selected*, sex_othtext, *for text box*]
<9> Prefer to not answer

127 *What is your current marital status? [marital]
<1> Single (never married)
<2> Married or domestic partner
<3> Divorced/Separated
<4> Widowed
<9> Prefer to not answer

[PAGE BREAK]

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128 Is your current primary residence within the 50 states of the United States? [reside]
<1> Yes → PROCEED TO Q129
<0> No → SKIP TO Q130

---

129 (Skip if reside=0, NULL) What is the zip code of your primary residence? [NUMBER BOX, 5-digits] [zip]

130 (Skip if reside=1, NULL) Where do you primarily reside?
[DROPDOWN LIST OF COUNTRIES & US TERRITORIES]
[country]

131 *Are you a parent or legal guardian? [child]
<1> Yes
<0> No
<9> Prefer to not answer

132 *How many children under the age of 18 currently live with you or are dependent on your household income for support? [childdep]
<0> 0
<1> 1
<2> 2
<3> 3 or more
<9> Prefer to not answer

133 What is the highest level of education completed by any of your parents or guardians? [parentedu]
<1> Did not finish high school
<2> Graduated from high school or equivalent
<4> Completed an associate's degree (AA, AS, etc.)
<5> Completed a bachelor's degree (BA, BS, BM, etc.)
<6> Completed a master's degree (MA, MS, MM, etc.)
<7> Completed a doctoral degree (PhD, JD, MD, DMA, etc.)

134 How would you best describe your family's social class **during your teen years**? [class]
<1> Lower class
<2> Working class
<3> Middle class
<4> Upper class

[PAGE BREAK]

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Finally, we would like to ask about income. This information will provide insights on how arts and design alumni have fared during the economic challenges of the last few years.

135 Before taxes and other deductions, what is your projected **personal** income for 2022?
Please only consider income that you earned. Do not include spousal or partner income, or interest on jointly owned assets. [inc_p_22]

<1> $10,000 or less
<2> $10,001 to $20,000
<3> $20,001 to $30,000
<4> $30,001 to $40,000
<5> $40,001 to $50,000
<6> $50,001 to $60,000
<7> $60,001 to $70,000
<8> $70,001 to $80,000
<9> $80,001 to $90,000
<10> $90,001 to $100,000
<11> $100,001 to 150,000
<12> More than $150,000
<13> Prefer to not answer

136 Before taxes and other deductions, what is your projected **household** income for 2022?
Please consider the total of your income and income from a spouse or domestic partner, and any interest on jointly owned assets. [inc_hh_22]

<0> Same as personal income
<1> $10,000 or less
<2> $10,001 to $20,000
<3> $20,001 to $30,000
<4> $30,001 to $40,000
<5> $40,001 to $50,000
<6> $50,001 to $60,000
<7> $60,001 to $70,000
<8> $70,001 to $80,000
<9> $80,001 to $90,000
<10> $90,001 to $100,000
<11> $100,001 to 150,000

<12> More than $150,000
<13> Prefer to not answer

137 Overall, what has happened to your **personal** income since March 2020, the time just before the pandemic started to spread across the United States? [inc_p_s20]
Please only consider income that you earned. Do not include spousal or part-ner income, or interest on jointly owned assets.

<3> Personal income increased
<2> Personal income remained approximately the same
<1> Personal income decreased

138 Overall, what has happened to your **household** income since March 2020, the time just before the pandemic started to spread across the United States? [inc_hh_s20]
Please consider the total of your income and income from a spouse or domes-tic partner, and any interest on jointly owned assets.

<3> Household income increased
<2> Household income remained approximately the same
<1> Household income decreased

[PAGE BREAK]

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Closing

139 If there are additional things you would like to tell us about your educa-tion, community life, or career that were not adequately covered on the survey, please do so here. TEXT BOX, 5000 ch-limit [finalcomments]

PROGRAMMING NOTE: ASK IF ANY RESPONSE CATEGORY SELECTED IN Q64=1 OR IF Q65=1

140 Would you like to share your own professional online bio, such as your LinkedIn or Patreon profile, or a link to your professional website or online portfolio? *If so, enter one weblink per text box below. Any details provided will be solely used for the purpose of informing research.*
    a. [TEXT BOX1, 100 ch. limit] [bio_text1]
    b. [TEXT BOX2, 100 ch. limit] [bio_text2]
    c. [TEXT BOX3, 100 ch. limit] [bio_text3]
    d. [TEXT BOX4, 100 ch. limit] [bio_text4]

141 Would you like to receive updated information about SNAAP, including the 2022 survey results? [snaapinfo]
<1> Yes
<0> No

ASK IF Q141=1 OR Q121=1

142 (Skip if Q141[snaapinfo]=0 or NULL and Q121[future]=0 or NULL)
Please provide the best email address for us to reach you. [TEXT BOX; 50-character limit] [snaapinfoemail]

Appendix: Response Lists

DEGREELEVEL

    <4> an associate's degree
    <5> a bachelor's degree
    <6> a master's degree
    <7> a doctoral degree
    <8> a certification
    <9> coursework or other professional development

DEGREELEVEL3

    <0> not applicable
    <5> a bachelor's degree (BA, BS, BM, etc.)
    <6> a master's degree (MA, MS, MM, etc.)
    <7> a doctoral degree (PhD, JD, MD, DMA, etc.)

DEGREEYEAR

Note: List each year, with most recent first, from years 2022-1970; then list 'Before 1970'

Programming note: values should match year (2022=2022); "Before 1970" = 1969

FIELDS OF STUDY

NOTE: to update against CIP Codes

<1> Architecture
<2> Art History & Curatorial Studies
<3> Arts, Entertainment or Media Management Administration
<4> Arts Education (Art, Dance, Drama, Music)
<5> Craft
<6> Creative Writing
<7> Dance
<8> Design
<9> Fine & Studio Art
<10> Media Arts
<11> Music
<12> Theater
<13> Other Arts or Design
<14> Biological Science, Agriculture, & Natural Resources
<15> Business
<16> Communications (Non-arts)
<17> Education (Non-arts)
<18> Engineering
<19> Health Professions
<20> Humanities
<21> Physical Science, Mathematics, & Computer Science
<22> Social Sciences
<23> Social Service Professions
<24> Other Degree, not arts or design field of study
<25> Unknown or Unidentified

INCOME-PERSONAL

<1> $10,000 or less
<2> $10,001 to $20,000
<3> $20,001 to $30,000
<4> $30,001 to $40,000

<5> $40,001 to $50,000
<6> $50,001 to $60,000
<7> $60,001 to $70,000
<8> $70,001 to $80,000
<9> $80,001 to $90,000
<10> $90,001 to $100,000
<11> 100,001 to 150,000
<12> More than $150,000
<13> Prefer to not answer

INCOME-HH

<0> Same as personal income
<1> $10,000 or less
<2> $10,001 to $20,000
<3> $20,001 to $30,000
<4> $30,001 to $40,000
<5> $40,001 to $50,000
<6> $50,001 to $60,000
<7> $60,001 to $70,000
<8> $70,001 to $80,000
<9> $80,001 to $90,000
<10> $90,001 to $100,000
<11> 100,001 to 150,000
<12> More than $150,000
<13> Prefer to not answer

YRSINCE

Calculation = 2022 minus the most recent year of graduation/departure from [INSTITUTION]

Frequency Report of Unweighted 2022 SNAAP Data

Prepared by Deanna Ibrahim and Dr. Angie L. Miller

2022 Aggregate Frequency Report

Strategic National Arts Alumni Project

Understanding the Aggregate Frequency Report

The Frequency Report contains questions with fixed response options. For more detailed information, the Codebook contains a complete list of survey questions and response options. Each page breaks data down into four groupings: undergraduate level alumni, graduate level alumni, and all participating alumni.

Respondents
The number and percentage of alumni selecting a certain response for each question.

Topic Area
Each section represents a different topic area of the SNAAP Questionnaire.

Comparison Groups
Each of the four columns displays the number and percentage of alumni that fall into that comparison group. From left to right, the columns represent: undergraduate level alumni, graduate level alumni, and all participating alumni. Please note that the small number of alumni who did not have a specified undergraduate or graduate degree on file are also included in the "All Alumni" column.

Questions
An abbreviated version of the questions on the SNAAP Questionnaire.

Response Options
Response options for each particular question.

Institution, College, or Department Fill
Questions that reference the "institution/college/department" were customized using the institution's choice. Alumni were asked about their overall institution, their college/school, or their department, depending on which unit the institutional contact chose prior to the survey administration.

Italicized Response Options
Due to the dynamic nature of the SNAAP Questionnaire, not all alumni received every question. This italicized line (or lines) indicates the number and percentage of alumni who did not receive the question.

SNAAP 2022 Frequency Report • Institutional Experiences
Aggregate Report

	Response Options	Undergraduate Alumni Count	%	Graduate Alumni Count	%	All Alumni Count	%
Overall, how would you rate your experience at this institution while pursuing your degree?	Poor	1,137	3%	545	3%	1,690	3%
	Fair	4,562	11%	1,867	10%	6,442	11%
	Good	16,615	41%	6,521	36%	23,175	40%
	Excellent	17,849	44%	9,077	50%	26,976	46%
	Total	40,163	100%	18,010	100%	58,283	100%

Please select the option that best describes how satisfied you were with the following opportunities at this institution/college/department:

	Response Options	Undergraduate Alumni Count	%	Graduate Alumni Count	%	All Alumni Count	%
Opportunities to perform, exhibit, or present your artistic or design work	*Did not receive - graduated > 25 years ago*	13,648	35%	5,435	30%	19,157	33%
	Very dissatisfied	1,799	5%	742	4%	2,546	4%
	Somewhat dissatisfied	3,544	9%	1,372	8%	4,924	9%
	Somewhat satisfied	10,458	26%	4,392	25%	14,861	26%
	Very satisfied	8,837	22%	4,719	26%	13,569	24%
	Not relevant	1,250	3%	1,170	7%	2,427	4%
	Total	39,536	100%	17,830	100%	57,484	100%

How to Interpret Percentages
All percentages are presented as the percent of all alumni at a given education level, including those that did not receive the question.

For example, here we might say that 44% of all undergraduate alumni respondents rated their overall experience at the institution as "excellent."

Overview of the 2022 SNAAP Aggregate Frequency Report

SNAAP is an online survey, data management and institutional improvement system designed to enhance the impact of arts-school education. Since its beginning in 2008, arts alumni from participating educational institutions in North America have taken the opportunity to describe their educational experiences and career paths by answering the SNAAP questionnaire.

This report contains the response frequencies for all arts alumni who graduated from the undergraduate and graduate institutions that participated in SNAAP in the fall of 2022. Descriptive data about the alumni responding to the SNAAP questionnaire can be found in the Respondent Characteristics section on pages 6-8. The remainder of the report is divided according to the topical areas of the SNAAP questionnaire. Included in the report is the count or total numbers of alumni responding to each question at each level as well as the counts and percentages of alumni selecting each of the possible response options.

We appreciate your interest in and support of our work. Please contact us at leeann@snaaparts.org or (512)-471-9695 if you have any questions. The following institutions participated in 2022:

United States

Arizona
Arizona State University
The University of Arizona

California
ArtCenter College of Design
California College of the Arts
California Institute of the Arts
Claremont Graduate University**
Otis College of Art and Design
The Colburn School
University of California, Davis
University of California, Los Angeles
University of California, Santa Cruz
University of Southern California

Colorado
University of Colorado Denver*

Connecticut
Yale University

District of Columbia
American University

Florida
Florida A&M University*
Florida State University
Ringling College of Art and Design*
University of Florida
Valencia College*

Illinois
American Academy of Art*
Columbia College Chicago
Concordia University Chicago
DePaul University

Illinois State University
Loyola University Chicago*
School of the Art Institute of Chicago
University of Illinois at Chicago
University of Illinois at Urbana-Champaign

Indiana
Goshen College*
Indiana University, Bloomington
Ivy Tech Community College-Indianapol

Kentucky
University of Kentucky

Maine
Maine College of Art

* Undergraduate respondents only; **Graduate respondents only; Purple Text indicates Sponsor Institutions

Maryland
Johns Hopkins University
Maryland Institute College of Art
Towson University
University of Maryland

Massachusetts
Dean College*
Emerson College
Massachusetts College of Art and Design
Massachusetts College of Liberal Arts*
Montserrat College of Art*
Tufts University
University of Massachusetts Dartmouth

Michigan
College for Creative Studies
Cranbrook Academy of Art
University of Michigan-Ann Arbor
Wayne State University

Minnesota
Bethel University*
Minneapolis College of Art and Design
St. Olaf College*

Mississippi
Mississippi Valley State University*

Missouri
Kansas City Art Institute*
University of Missouri
Washington University in St Louis

Montana
University of Montana

Nevada
University of Nevada, Las Vegas

New Jersey
Rowan University

New Mexico
Institute of American Indian Arts
University of New Mexico

New York
Columbia University in the City of New York
The Juilliard School
The New School
New York Academy of Art**
New York University
Pratt Institute
School of Visual Arts
University of Rochester

North Carolina
North Carolina Central University
University of North Carolina at Charlotte
The University of North Carolina at Greensboro
University of North Carolina School of the Arts

Ohio
Art Academy of Cincinnati
Bowling Green State University
Cleveland Institute of Art*
Cleveland Institute of Music
Columbus College of Art and Design

Cuyahoga Community College*

Oregon
Pacific Northwest College of Art

Pennsylvania
Northampton County Community College*
Penn State University
Pennsylvania Academy of the Fine Arts
Pennsylvania College of Art and Design*
Temple University

Rhode Island
Rhode Island School of Design

South Carolina
College of Charleston
Converse University

Tennessee
Middle Tennessee State University
The University of Memphis

Texas
Amarillo College*
Houston Community College*
Rice University
Sam Houston State University
Southern Methodist University
Texas Christian University
Texas Lutheran University*
Texas State University
Texas Tech University
Texas Woman's University
University of Houston

* Undergraduate respondents only; **Graduate respondents only; Purple Text indicates Sponsor Institutions

University of North Texas
The University of Texas at Austin
The University of Texas at San Antonio
The University of Texas Rio Grande Valley

Utah
Salt Lake Community College*
University of Utah
Utah State University
Utah Tech University*
Utah Valley University*
Weber State University*

Vermont
Vermont College of Fine Arts**

Virginia
Old Dominion University
Virginia Commonwealth University

Washington
Cornish College of the Arts*
University of Washington, Seattle

West Virginia
West Virginia University

Wisconsin
Milwaukee Institute of Art & Design*

Canada

British Columbia
Emily Carr University of Art and Design

Ontario
OCAD University

* Undergraduate respondents only; **Graduate respondents only; Purple Text indicates Sponsor Institutions

Aggregate Report

Respondent Characteristics[a]	Variable	Undergraduate Alumni		Graduate Alumni		All Alumni	
		Count	%	Count	%	Count	%
Cohort (year graduated)							
1987 and before		8,967	21%	3,329	17%	12,378	20%
1988-1997		5,675	14%	2,535	13%	8,244	13%
1998-2002		3,417	8%	1,665	9%	5,096	8%
2003-2007	cohort_r	4,185	10%	2,007	11%	6,202	10%
2008-2012		5,213	12%	2,523	13%	7,752	13%
2013-2017		6,064	14%	3,121	16%	9,200	15%
2018-2022		8,494	20%	3,860	20%	12,383	20%
Gender Identity							
Woman		20,587	59%	8,630	54%	29,258	58%
Man	gen	11,988	35%	6,504	41%	18,524	37%
Another gender identity		1,379	4%	376	2%	1,759	3%
Prefer not to answer		718	2%	376	2%	1,099	2%
Age							
24 or younger		2,797	8%	90	1%	2,892	6%
25 to 29		4,438	13%	1,018	7%	5,461	11%
30 to 39	age_r	7,728	23%	3,606	24%	11,341	23%
40 to 49		5,808	17%	3,264	21%	9,080	19%
50 to 59		4,833	14%	2,554	17%	7,399	15%
60 or older		7,804	23%	4,669	31%	12,512	26%
Marital Status							
Single (never married)		11,413	33%	3,835	24%	15,265	30%
Married or domestic partner		18,825	54%	9,832	62%	28,702	57%
Divorced/Separated	marital	2,482	7%	1,213	8%	3,702	7%
Widowed		673	2%	382	2%	1,061	2%
Prefer not to answer		1,242	4%	605	4%	1,851	4%
Number of Dependents							
0		25,610	74%	11,541	73%	37,217	74%
1	childdep	3,813	11%	1,876	12%	5,694	11%
2		3,325	10%	1,668	11%	4,999	10%
3 or more		1,106	3%	420	3%	1,528	3%

[a] Count and percent of total respondents within each category.

Respondent Characteristics (continued)[a]	Variable	Undergraduate Alumni Count	%	Graduate Alumni Count	%	All Alumni Count	%
Parent Education							
Did not finish high school		910	3%	500	3%	1,412	3%
Graduated from high school or equivalent		6,200	18%	2,755	18%	8,975	18%
Completed an associate's degree (AA, AS, etc.)	parentedu	2,535	7%	899	6%	3,439	7%
Completed a bachelor's degree (BA, BS, etc.)		12,757	37%	3,623	23%	16,403	33%
Completed a master's degree (MA, MS, etc.)		7,879	23%	5,035	32%	12,929	26%
Completed a doctoral degree (PhD, JD, MD, etc.)		4,091	12%	2,930	19%	7,033	14%
Race/Ethnicity[b]							
American Indian or Alaska Native	race_amerind	552	2%	193	1%	747	1%
Asian Indian	race_ind	249	1%	220	1%	470	1%
Chinese	race_chin	1,089	3%	548	3%	1,639	3%
Asian (other than Chinese or Asian Indian)	race_asian	1,613	5%	795	5%	2,411	5%
Black or African American	race_blck	1,464	4%	645	4%	2,111	4%
Hispanic, Latino, or Spanish origin	race_hisp	2,665	8%	1,010	6%	3,677	7%
Middle Eastern or North African	race_mena	402	1%	230	1%	632	1%
Native Hawaiian or Pacific Islander	race_nhpi	153	0%	64	0%	217	0%
White	race_white	26,831	77%	12,005	76%	38,896	77%
Other: A racial or ethnic identity not listed	race_oth	1,513	4%	754	5%	2,274	4%
Prefer not to answer	race_pna	1,364	4%	662	4%	2,034	4%
Currently residing in the U.S.							
No	reside	2,519	7%	1,481	9%	4,013	8%
Yes		31,984	93%	14,329	91%	46,382	92%
Type of Device Used for Survey							
Unknown		23	0%	14	0%	37	0%
PC		10,475	25%	5,211	27%	15,741	26%
Mac	lastLoginDevice	13,180	31%	7,102	37%	20,343	33%
Smart Phone		17,727	42%	6,420	34%	24,227	40%
Tablet		411	1%	209	1%	623	1%
Other		199	0%	84	0%	284	0%

Aggregate Report

Respondent Characteristics (continued)[a]	Variable	Undergraduate Alumni		Graduate Alumni		All Alumni	
		Count	%	Count	%	Count	%
Arts Major[c]							
Architecture		1,721	4%	1,144	6%	2,882	5%
Art History & Curatorial Studies		1,156	3%	692	4%	1,855	3%
Arts Administration		823	2%	579	3%	1,405	2%
Arts Education (Art, Dance, Drama, Music)		1,729	4%	1,169	6%	2,910	5%
Craft		840	2%	300	2%	1,148	2%
Creative Writing		398	1%	1,044	5%	1,444	2%
Dance	*ReportArtsMajor*	909	2%	222	1%	1,135	2%
Design		6,745	16%	1,190	6%	7,959	13%
Fine & Studio Art		8,448	20%	2,621	14%	11,113	18%
Media Arts		5,024	12%	1,677	9%	6,716	11%
Music		4,775	11%	4,975	26%	9,777	16%
Theater		4,000	10%	1,927	10%	5,937	10%
Other Arts		4,502	11%	1,151	6%	5,674	9%

[a] Count and percent of total respondents within each category.

[b] The count and percent of alumni who selected that race/ethnicity. Alumni could select more than one category, thus percentages may not equal 100%.

[c] Arts Major represents the CIP code reported by the participating SNAAP school in the alumni file, coded into one of the 13 standard SNAAP arts majors. If the CIP code does not represent an arts major, major 1 or major 2 (if major 1 is non-arts) as reported in the population file is used.

Aggregate Report

Question	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Degree(s) or credential(s) pursued at this instution[a]	degree	Undergraduate coursework or professional development	156	0%	0	0%	156	0%
		Undergraduate level certification	608	1%	0	0%	608	1%
		Graduate coursework or professional development	0	0%	12	0%	12	0%
		Graduate level certification	0	0%	357	2%	357	1%
		An associate's degree	1,100	3%	0	0%	1,100	2%
		A bachelor's degree	40,151	96%	0	0%	40,151	66%
		A master's degree	0	0%	16,796	88%	16,796	28%
		A doctoral degree	0	0%	1,875	10%	1,875	3%
		Total	42,015	100%	19,040	100%	61,055	100%
Did you complete any other degrees from a college or university after your time at this institution?	deg_aft	No	28,143	68%	16,092	86%	44,321	74%
		Yes	13,156	32%	2,674	14%	15,863	26%
		Total	41,299	100%	18,766	100%	60,184	100%
How many college or university degrees did you complete after pursuing your degree from this institution?	deg_aft_num	*Did not receive - did not pursue any degrees after*	28,372	69%	16,211	86%	44,685	74%
		1	10,084	24%	2,164	12%	12,265	20%
		2	2,442	6%	347	2%	2,796	5%
		3	394	1%	48	0%	443	1%
		Total	41,292	100%	18,770	100%	60,189	100%
First degree received after your time at this institution:	deg_aft_1_level	*Did not receive - did not pursue any degrees after*	28,371	69%	16,211	87%	44,684	74%
		Not applicable	670	2%	231	1%	904	2%
		A bachelor's degree	1,545	4%	150	1%	1,702	3%
		A master's degree	9,886	24%	1,121	6%	11,018	18%
		A doctoral degree	691	2%	1,019	5%	1,711	3%
		Total	41,163	100%	18,732	100%	60,019	100%

a. School-reported degrees from the population files were used, except in cases where alumni reported a different degree and specified the level (undergraduate or graduate) in the survey.

Aggregate Report

Question	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Second degree received after your time at this institution:	deg_aft_2_level	*Did not receive - did not pursue 2 or more degrees after*	38,250	*93%*	18,325	*98%*	56,692	*95%*
		Not applicable	269	*1%*	44	*0%*	314	*1%*
		A bachelor's degree	163	*0%*	15	*0%*	180	*0%*
		A master's degree	1,358	*3%*	153	*1%*	1,514	*3%*
		A doctoral degree	899	*2%*	155	*1%*	1,055	*2%*
		Total	40,939	*100%*	18,692	*100%*	59,755	*100%*
Third degree received after your time at this institution:	deg_aft_3_level	*Did not receive - did not pursue 3 or more degrees after*	40,597	*99%*	18,658	*100%*	59,379	*99%*
		Not applicable	41	*0%*	8	*0%*	49	*0%*
		A bachelor's degree	11	*0%*	4	*0%*	15	*0%*
		A master's degree	103	*0%*	14	*0%*	117	*0%*
		A doctoral degree	201	*0%*	18	*0%*	219	*0%*
		Total	40,953	*100%*	18,702	*100%*	59,779	*100%*
Since your time at this institution, have you pursued, but not yet completed a degree from a college or university?	deg_aft_pursu	No	35,336	*87%*	17,110	*92%*	52,546	*88%*
		Yes	5,493	*13%*	1,584	*8%*	7,092	*12%*
		Total	40,829	*100%*	18,694	*100%*	59,638	*100%*
Are you currently enrolled in a degree program at a college or university?	deg_aft_enroll	*Did not receive - did not begin pursuing degree after*	35,482	*87%*	17,119	*92%*	52,715	*88%*
		No	3,257	*8%*	864	*5%*	4,132	*7%*
		Yes	2,218	*5%*	710	*4%*	2,929	*5%*
		Total	40,957	*100%*	18,693	*100%*	59,776	*100%*
Have you completed any certifications, licensures, or other professional non-degree credentials?	cred_compl	No	27,017	*66%*	12,934	*70%*	40,032	*67%*
		Yes	13,721	*34%*	5,597	*30%*	19,352	*33%*
		Total	40,738	*100%*	18,531	*100%*	59,384	*100%*
Have you pursued, but not yet completed, a certification, licensure, or other professional non-degree credential?	cred_pursu	No	35,903	*89%*	16,587	*91%*	52,588	*90%*
		Yes	4,339	*11%*	1,599	*9%*	5,949	*10%*
		Total	40,242	*100%*	18,186	*100%*	58,537	*100%*
Are you currently enrolled in a certificate, licensure program, or other non-degree program?	cred_enroll	*Did not receive - did not begin pursuing certification*	36,303	*89%*	18,597	*100%*	55,014	*93%*
		No	2,630	*6%*	22	*0%*	2,659	*4%*
		Yes	1,688	*4%*	9	*0%*	1,701	*3%*
		Total	40,621	*100%*	18,628	*100%*	59,374	*100%*

a. School-reported degrees from the population files were used, except in cases where alumni reported a different degree and specified the level (undergraduate or graduate) in the survey.

Aggregate Report

Question	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
How many other college or university bachelor-level or graduate degrees did you complete prior to pursuing your degree from this institution?	deg_bef_num	Did not receive - no master's or doctoral degree	40,596	100%	375	2%	40,971	70%
		1	0	0%	13,869	76%	13,882	24%
		2	0	0%	3,490	19%	3,499	6%
		3	0	0%	565	3%	566	1%
		Total	40,596	100%	18,299	100%	58,918	100%
First degree received before your time at this institution:	deg_bef_1_level	Did not receive - no master's or doctoral degree	40,596	100%	375	2%	40,971	70%
		Not applicable	0	0%	306	2%	308	1%
		A bachelor's degree	0	0%	16,805	93%	16,826	29%
		A master's degree	0	0%	609	3%	609	1%
		A doctoral degree	0	0%	44	0%	44	0%
		Total	40,596	100%	18,139	100%	58,758	100%
Second degree received before your time at this institution:	deg_bef_2_level	Did not receive - did not receive 2 or more degrees before	40,596	100%	13,950	79%	54,559	93%
		Not applicable	0	0%	396	2%	397	1%
		A bachelor's degree	0	0%	1,248	7%	1,249	2%
		A master's degree	0	0%	2,106	12%	2,113	4%
		A doctoral degree	0	0%	69	0%	69	0%
		Total	40,596	100%	17,769	100%	58,387	100%
Third degree received before your time at this institution:	deg_bef_3_level	Did not receive - did not receive 3 or more degrees before	40,596	100%	17,313	97%	57,930	99%
		Not applicable	0	0%	88	0%	88	0%
		A bachelor's degree	0	0%	91	1%	91	0%
		A master's degree	0	0%	262	1%	262	0%
		A doctoral degree	0	0%	45	0%	45	0%
		Total	40,596	100%	17,799	100%	58,416	100%

a. School-reported degrees from the population files were used, except in cases where alumni reported a different degree and specified the level (undergraduate or graduate) in the survey.

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Overall, how would you rate your experience at this institution while pursuing your degree?	in_exp	Poor	1,137	3%	545	3%	1,690	3%
		Fair	4,562	11%	1,867	10%	6,442	11%
		Good	16,615	41%	6,521	36%	23,175	40%
		Excellent	17,849	44%	9,077	50%	26,976	46%
		Total	40,163	100%	18,010	100%	58,283	100%
How connected do you feel to this institution/college/department?	in_con	Not at all	5,092	13%	1,936	11%	7,054	12%
		Very little	11,291	28%	4,552	25%	15,870	27%
		Some	16,642	41%	7,611	42%	24,292	41%
		Very much	7,434	18%	3,961	22%	11,413	19%
		Total	40,459	100%	18,060	100%	58,629	100%
Would you recommend this institution/college/department to another student like you?	in_rec	No	8,009	20%	3,660	20%	11,694	20%
		Yes	32,216	80%	14,272	80%	46,570	80%
		Total	40,225	100%	17,932	100%	58,264	100%
Please select the option that best describes how satisfied you were with the following opportunities at this institution/college/department:								
Opportunities to perform, exhibit, or present your artistic or design work	in_sat_perf	*Did not receive - graduated > 25 years ago*	13,648	35%	5,435	30%	19,157	33%
		Very dissatisfied	1,799	5%	742	4%	2,546	4%
		Somewhat dissatisfied	3,544	9%	1,372	8%	4,924	9%
		Somewhat satisfied	10,458	26%	4,392	25%	14,861	26%
		Very satisfied	8,837	22%	4,719	26%	13,569	24%
		Not relevant	1,250	3%	1,170	7%	2,427	4%
		Total	39,536	100%	17,830	100%	57,484	100%
Opportunities to work or take courses across different artistic or design disciplines.	in_sat_disc	*Did not receive - graduated > 25 years ago*	13,648	35%	5,435	31%	19,157	34%
		Very dissatisfied	1,689	4%	933	5%	2,625	5%
		Somewhat dissatisfied	3,530	9%	1,766	10%	5,304	9%
		Somewhat satisfied	9,895	25%	4,349	24%	14,254	25%
		Very satisfied	9,731	25%	3,704	21%	13,453	24%
		Not relevant	812	2%	1,571	9%	2,389	4%
		Total	39,305	100%	17,758	100%	57,182	100%

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Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Opportunities to take non-arts classes	in_sat_clas	Did not receive - graduated > 25 years ago	13,648	35%	5,435	31%	19,157	34%
		Very dissatisfied	1,620	4%	924	5%	2,544	4%
		Somewhat dissatisfied	3,700	9%	1,760	10%	5,465	10%
		Somewhat satisfied	9,491	24%	2,995	17%	12,505	22%
		Very satisfied	9,125	23%	2,416	14%	11,552	20%
		Not relevant	1,708	4%	4,199	24%	5,918	10%
		Total	39,292	100%	17,729	100%	57,141	100%
Opportunities to find an internship, apprenticeship, or other professional work-training related to your career interest	in_sat_intn	Did not receive - graduated > 25 years ago	13,648	35%	5,435	31%	19,157	34%
		Very dissatisfied	5,980	15%	2,260	13%	8,248	14%
		Somewhat dissatisfied	5,805	15%	2,362	13%	8,175	14%
		Somewhat satisfied	6,341	16%	2,949	17%	9,300	16%
		Very satisfied	5,462	14%	2,748	16%	8,219	14%
		Not relevant	2,019	5%	1,975	11%	4,004	7%
		Total	39,255	100%	17,729	100%	57,103	100%
Opportunities to network with alumni	in_sat_alum	Did not receive - graduated > 25 years ago	13,648	35%	5,435	31%	19,157	34%
		Very dissatisfied	5,643	14%	2,180	12%	7,828	14%
		Somewhat dissatisfied	7,545	19%	3,030	17%	10,589	19%
		Somewhat satisfied	7,181	18%	4,065	23%	11,259	20%
		Very satisfied	2,796	7%	1,943	11%	4,743	8%
		Not relevant	2,423	6%	1,063	6%	3,495	6%
		Total	39,236	100%	17,716	100%	57,071	100%
Opportunities to network with artists, designers, and other creative professionals	in_sat_prof	Did not receive - graduated > 25 years ago	13,648	35%	5,435	31%	19,157	34%
		Very dissatisfied	4,525	12%	1,636	9%	6,168	11%
		Somewhat dissatisfied	6,901	18%	2,649	15%	9,561	17%
		Somewhat satisfied	8,634	22%	4,428	25%	13,075	23%
		Very satisfied	4,015	10%	2,567	15%	6,587	12%
		Not relevant	1,482	4%	984	6%	2,475	4%
		Total	39,205	100%	17,699	100%	57,023	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Opportunities to integrate your artistic or design work with other subjects or issues of interest to you	in_sat_inte	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Very dissatisfied	2,328	*6%*	953	*5%*	3,285	*6%*
		Somewhat dissatisfied	4,325	*11%*	1,765	*10%*	6,101	*11%*
		Somewhat satisfied	9,967	*26%*	4,165	*24%*	14,140	*25%*
		Very satisfied	6,659	*17%*	3,343	*19%*	10,015	*18%*
		Not relevant	2,070	*5%*	1,994	*11%*	4,073	*7%*
		Total	38,997	*100%*	17,655	*100%*	56,771	*100%*
Overall quality of instructors	in_sat_inst	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Very dissatisfied	780	*2%*	399	*2%*	1,179	*2%*
		Somewhat dissatisfied	2,360	*6%*	1,053	*6%*	3,417	*6%*
		Somewhat satisfied	9,751	*25%*	4,172	*24%*	13,941	*25%*
		Very satisfied	12,336	*32%*	6,559	*37%*	18,914	*33%*
		Not relevant	32	*0%*	13	*0%*	49	*0%*
		Total	38,907	*100%*	17,631	*100%*	56,657	*100%*
Quality of advising about academics, career, or further education	in_sat_advi	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Very dissatisfied	5,207	*13%*	2,110	*12%*	7,327	*13%*
		Somewhat dissatisfied	6,643	*17%*	2,802	*16%*	9,455	*17%*
		Somewhat satisfied	8,174	*21%*	4,036	*23%*	12,225	*22%*
		Very satisfied	4,853	*12%*	2,894	*16%*	7,753	*14%*
		Not relevant	336	*1%*	333	*2%*	673	*1%*
		Total	38,861	*100%*	17,610	*100%*	56,590	*100%*
Exposure to a broad view of career options, both in and out of the arts and design	in_sat_opti	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Very dissatisfied	6,242	*16%*	2,620	*15%*	8,873	*16%*
		Somewhat dissatisfied	7,695	*20%*	3,123	*18%*	10,833	*19%*
		Somewhat satisfied	7,249	*19%*	3,505	*20%*	10,761	*19%*
		Very satisfied	3,419	*9%*	1,935	*11%*	5,360	*9%*
		Not relevant	531	*1%*	934	*5%*	1,471	*3%*
		Total	38,784	*100%*	17,552	*100%*	56,455	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
How well your experience met your expectations	in_sat_expe	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Very dissatisfied	2,286	*6%*	1,082	*6%*	3,372	*6%*
		Somewhat dissatisfied	4,234	*11%*	1,787	*10%*	6,029	*11%*
		Somewhat satisfied	10,663	*28%*	4,491	*26%*	15,169	*27%*
		Very satisfied	7,687	*20%*	4,679	*27%*	12,379	*22%*
		Not relevant	231	*1%*	71	*0%*	307	*1%*
		Total	38,749	*100%*	17,545	*100%*	56,413	*100%*

<div align="center">How often did you do the following while enrolled at this institution/college/department?</div>

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
Learn about creative works from diverse cultures or from creators with diverse backgrounds within your coursework	in_oft_work	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Never	711	*2%*	467	*3%*	1,180	*2%*
		Rarely	4,392	*11%*	2,130	*12%*	6,525	*12%*
		Sometimes	10,114	*26%*	4,607	*26%*	14,742	*26%*
		Often	9,714	*25%*	4,861	*28%*	14,591	*26%*
		Total	38,579	*100%*	17,500	*100%*	56,195	*100%*
Learn from faculty and instructors who represent a diversity of identities	in_oft_divf	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Never	910	*2%*	570	*3%*	1,482	*3%*
		Rarely	6,326	*16%*	3,048	*17%*	9,387	*17%*
		Sometimes	9,584	*25%*	4,578	*26%*	14,176	*25%*
		Often	8,014	*21%*	3,826	*22%*	11,853	*21%*
		Total	38,482	*100%*	17,457	*100%*	56,055	*100%*
Learn from guest speakers, artists, or other visiting professionals who represent a diversity of identities	in_oft_gues	*Did not receive - graduated > 25 years ago*	13,648	*35%*	5,435	*31%*	19,157	*34%*
		Never	1,023	*3%*	471	*3%*	1,496	*3%*
		Rarely	5,756	*15%*	2,263	*13%*	8,027	*14%*
		Sometimes	10,377	*27%*	4,843	*28%*	15,238	*27%*
		Often	7,678	*20%*	4,437	*25%*	12,129	*22%*
		Total	38,482	*100%*	17,449	*100%*	56,047	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Learn about matters of racial justice or social equity within your coursework	in_oft_racj	Did not receive - graduated > 25 years ago	13,648	36%	5,435	31%	19,157	34%
		Never	3,785	10%	1,938	11%	5,728	10%
		Rarely	7,917	21%	3,561	20%	11,491	21%
		Sometimes	8,096	21%	3,734	21%	11,843	21%
		Often	4,943	13%	2,753	16%	7,706	14%
		Total	38,389	100%	17,421	100%	55,925	100%
Learn about artistic or creative practices from cultural backgrounds different from your own within your coursework	in_oft_culb	Did not receive - graduated > 25 years ago	13,648	36%	5,435	31%	19,157	34%
		Never	1,488	4%	859	5%	2,350	4%
		Rarely	6,177	16%	2,884	17%	9,071	16%
		Sometimes	10,131	26%	4,636	27%	14,781	26%
		Often	6,847	18%	3,567	21%	10,428	19%
		Total	38,291	100%	17,381	100%	55,787	100%
Work with an artist in the local community	in_oft_arti	Did not receive - graduated > 25 years ago	13,648	36%	5,435	31%	19,157	34%
		Never	6,895	18%	3,147	18%	10,053	18%
		Rarely	8,036	21%	3,297	19%	11,343	20%
		Sometimes	6,642	17%	3,506	20%	10,161	18%
		Often	3,085	8%	1,972	11%	5,063	9%
		Total	38,306	100%	17,357	100%	55,777	100%
Work on a project with or in a role serving the local community	in_oft_cmty	Did not receive - graduated > 25 years ago	13,648	36%	5,435	31%	19,157	34%
		Never	7,976	21%	3,675	21%	11,666	21%
		Rarely	8,166	21%	3,308	19%	11,485	21%
		Sometimes	6,010	16%	3,173	18%	9,191	16%
		Often	2,472	6%	1,765	10%	4,244	8%
		Total	38,272	100%	17,356	100%	55,743	100%

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	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
How often did you feel the following while enrolled at this institution/college/department?								
Respected by your instructors and faculty	in_oft_resf	*Did not receive - graduated > 25 years ago*	13,648	*36%*	5,435	*31%*	19,157	*34%*
		Never	289	*1%*	161	*1%*	453	*1%*
		Rarely	1,561	*4%*	758	*4%*	2,320	*4%*
		Sometimes	7,821	*20%*	3,400	*20%*	11,237	*20%*
		Often	14,982	*39%*	7,624	*44%*	22,627	*41%*
		Total	38,301	*100%*	17,378	*100%*	55,794	*100%*
Respected by your classmates	in_oft_resc	*Did not receive - graduated > 25 years ago*	13,648	*36%*	5,435	*31%*	19,157	*34%*
		Never	235	*1%*	99	*1%*	338	*1%*
		Rarely	1,178	*3%*	434	*2%*	1,614	*3%*
		Sometimes	6,799	*18%*	2,737	*16%*	9,545	*17%*
		Often	16,443	*43%*	8,663	*50%*	25,132	*45%*
		Total	38,303	*100%*	17,368	*100%*	55,786	*100%*
Treated differently by your instructors and faculty in a way that affected you negatively	in_oft_diff	*Did not receive - graduated > 25 years ago*	13,648	*36%*	5,435	*31%*	19,157	*34%*
		Never	9,284	*24%*	4,824	*28%*	14,123	*25%*
		Rarely	7,911	*21%*	3,355	*19%*	11,280	*20%*
		Sometimes	5,696	*15%*	2,778	*16%*	8,484	*15%*
		Often	1,715	*4%*	985	*6%*	2,702	*5%*
		Total	38,254	*100%*	17,377	*100%*	55,746	*100%*
Treated differently by your classmates in a way that affected you negatively	in_oft_difc	*Did not receive - graduated > 25 years ago*	13,648	*36%*	5,435	*31%*	19,157	*34%*
		Never	10,614	*28%*	5,632	*32%*	16,263	*29%*
		Rarely	8,730	*23%*	3,813	*22%*	12,558	*23%*
		Sometimes	4,084	*11%*	1,919	*11%*	6,009	*11%*
		Often	1,152	*3%*	551	*3%*	1,706	*3%*
		Total	38,228	*100%*	17,350	*100%*	55,693	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Valued by your classmates	in_oft_valc	Did not receive - graduated > 25 years ago	13,648	36%	5,435	31%	19,157	34%
		Never	361	1%	127	1%	492	1%
		Rarely	1,823	5%	603	3%	2,428	4%
		Sometimes	9,366	24%	3,564	21%	12,947	23%
		Often	13,040	34%	7,621	44%	20,679	37%
		Total	38,238	100%	17,350	100%	55,703	100%
Valued by your instructors and faculty	in_oft_valf	Did not receive - graduated > 25 years ago	13,648	36%	5,435	31%	19,157	34%
		Never	386	1%	192	1%	582	1%
		Rarely	2,079	5%	940	5%	3,021	5%
		Sometimes	9,514	25%	3,931	23%	13,463	24%
		Often	12,517	33%	6,802	39%	19,334	35%
		Total	38,144	100%	17,300	100%	55,557	100%

In your opinion, how much did this institution/college/department help you acquire or develop each of the following skills?

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
Critical thinking skills	in_sk_anly	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	550	1%	288	2%	841	2%
		Very little	2,005	5%	954	6%	2,963	5%
		Some	9,181	24%	4,180	24%	13,378	24%
		Very much	12,298	33%	6,314	37%	18,627	34%
		Total	37,681	100%	17,171	100%	54,965	100%
Business, financial, or entrepreneurial skills	in_sk_buen	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	6,804	18%	3,642	21%	10,460	19%
		Very little	10,080	27%	4,402	26%	14,496	26%
		Some	5,643	15%	2,790	16%	8,438	15%
		Very much	1,481	4%	894	5%	2,381	4%
		Total	37,655	100%	17,163	100%	54,931	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Creative thinking and problem-solving skills	in_sk_crea	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	556	1%	378	2%	937	2%
		Very little	1,866	5%	1,164	7%	3,031	6%
		Some	8,958	24%	4,543	26%	13,520	25%
		Very much	12,638	34%	5,647	33%	18,301	33%
		Total	37,665	100%	17,167	100%	54,945	100%
Communication skills	in_sk_comm	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	805	2%	432	3%	1,240	2%
		Very little	3,014	8%	1,300	8%	4,320	8%
		Some	10,644	28%	4,967	29%	15,627	28%
		Very much	9,557	25%	5,041	29%	14,612	27%
		Total	37,667	100%	17,175	100%	54,955	100%
Research skills	in_sk_rese	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	1,442	4%	696	4%	2,144	4%
		Very little	4,772	13%	1,884	11%	6,664	12%
		Some	10,515	28%	4,414	26%	14,945	27%
		Very much	7,293	19%	4,742	28%	12,044	22%
		Total	37,669	100%	17,171	100%	54,953	100%
Technology skills	in_sk_tech	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	1,774	5%	1,640	10%	3,419	6%
		Very little	5,466	15%	3,306	19%	8,781	16%
		Some	10,181	27%	4,499	26%	14,694	27%
		Very much	6,586	17%	2,285	13%	8,881	16%
		Total	37,654	100%	17,165	100%	54,931	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Artistic technique	in_sk_artt	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	557	1%	920	5%	1,480	3%
		Very little	1,768	5%	1,258	7%	3,031	6%
		Some	7,803	21%	3,727	22%	11,543	21%
		Very much	13,877	37%	5,810	34%	19,705	36%
		Total	37,652	100%	17,150	100%	54,915	100%
Project management skills	in_sk_proj	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	2,331	6%	1,505	9%	3,844	7%
		Very little	5,888	16%	2,861	17%	8,758	16%
		Some	9,772	26%	4,739	28%	14,519	26%
		Very much	6,018	16%	2,614	15%	8,644	16%
		Total	37,656	100%	17,154	100%	54,921	100%
Networking and relationship-building skills	in_sk_netw	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	2,987	8%	1,375	8%	4,372	8%
		Very little	7,449	20%	2,916	17%	10,376	19%
		Some	9,239	25%	4,902	29%	14,152	26%
		Very much	4,322	11%	2,525	15%	6,854	12%
		Total	37,644	100%	17,153	100%	54,910	100%
To be resilient and to pick yourself up when things do not go as planned	in_sk_resi	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	1,289	3%	697	4%	1,990	4%
		Very little	3,203	9%	1,496	9%	4,704	9%
		Some	9,082	24%	4,428	26%	13,526	25%
		Very much	10,346	28%	5,059	30%	15,418	28%
		Total	37,567	100%	17,115	100%	54,794	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
To adapt to changing circumstances	in_sk_adap	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	1,016	3%	587	3%	1,608	3%
		Very little	2,690	7%	1,328	8%	4,023	7%
		Some	9,041	24%	4,441	26%	13,495	25%
		Very much	11,138	30%	5,305	31%	16,458	30%
		Total	37,532	100%	17,096	100%	54,740	100%
To recognize opportunities to advance your ideas or career	in_sk_opty	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	2,140	6%	981	6%	3,127	6%
		Very little	5,955	16%	2,398	14%	8,362	15%
		Some	9,388	25%	4,520	26%	13,916	25%
		Very much	6,389	17%	3,769	22%	10,173	19%
		Total	37,519	100%	17,103	100%	54,734	100%
To collaborate with others from cultures and demographics different from your own	in_sk_coll	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	2,567	7%	1,223	7%	3,798	7%
		Very little	6,377	17%	2,686	16%	9,071	17%
		Some	8,676	23%	4,171	24%	12,858	24%
		Very much	6,206	17%	3,584	21%	9,800	18%
		Total	37,473	100%	17,099	100%	54,683	100%
To evaluate multiple approaches to solving a problem	in_sk_solv	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		Not at all	944	3%	608	4%	1,557	3%
		Very little	3,024	8%	1,570	9%	4,598	8%
		Some	10,290	28%	4,838	28%	15,141	28%
		Very much	9,488	25%	4,598	27%	14,102	26%
		Total	37,393	100%	17,049	100%	54,554	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Did you do the following while at this institution/college/department?								
Complete a portfolio	in_do_port	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		No	5,516	15%	2,113	12%	7,637	14%
		Yes	17,526	47%	9,302	54%	26,857	49%
		Do not recall	821	2%	257	2%	1,078	2%
		Total	37,510	100%	17,107	100%	54,728	100%
Utilize career service offerings	in_do_cars	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		No	10,512	28%	6,606	39%	17,135	31%
		Yes	9,541	25%	3,544	21%	13,101	24%
		Do not recall	3,762	10%	1,482	9%	5,249	10%
		Total	37,462	100%	17,067	100%	54,641	100%
Complete an internship, apprenticeship, or other professional work-training relevant to your degree	in_do_intn	Did not receive - graduated > 25 years ago	13,647	36%	5,435	32%	19,156	35%
		No	11,182	30%	6,346	37%	17,544	32%
		Yes	12,148	32%	4,990	29%	17,157	31%
		Do not recall	518	1%	315	2%	834	2%
		Total	37,495	100%	17,086	100%	54,691	100%
While enrolled at this institution/college/department, did you use any of the following types of assistance?								
No assistance	in_ast_non	Not selected	5,233	15%	2,179	14%	7,428	15%
		Selected	29,145	85%	13,582	86%	42,802	85%
		Total	34,378	100%	15,761	100%	50,230	100%
Visual assistance, screen readers, and/or audio descriptions	in_ast_vis	Not selected	34,067	99%	15,615	99%	49,773	99%
		Selected	311	1%	146	1%	457	1%
		Total	34,378	100%	15,761	100%	50,230	100%
Assistance in speaking, language interpretation	in_ast_spe	Not selected	34,213	100%	15,608	99%	49,912	99%
		Selected	165	0%	153	1%	318	1%
		Total	34,378	100%	15,761	100%	50,230	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Emotional or behavioral supports or assistance	in_ast_emo	Not selected	31,396	91%	14,540	92%	46,018	92%
		Selected	2,982	9%	1,221	8%	4,212	8%
		Total	34,378	100%	15,761	100%	50,230	100%
Assistive listening devices, captioning, or other deaf or hard-of-hearing supports	in_ast_hea	Not selected	34,251	100%	15,688	100%	50,029	100%
		Selected	127	0%	73	0%	201	0%
		Total	34,378	100%	15,761	100%	50,230	100%
Intellectual, cognitive, or developmental supports or assistance	in_ast_int	Not selected	33,990	99%	15,604	99%	49,685	99%
		Selected	388	1%	157	1%	545	1%
		Total	34,378	100%	15,761	100%	50,230	100%
Assistance with a learning disability	in_ast_lea	Not selected	33,657	98%	15,634	99%	49,382	98%
		Selected	721	2%	127	1%	848	2%
		Total	34,378	100%	15,761	100%	50,230	100%
Mobility assistance, for example automated doors, elevators, or wheelchairs	in_ast_mob	Not selected	34,008	99%	15,604	99%	49,700	99%
		Selected	370	1%	157	1%	530	1%
		Total	34,378	100%	15,761	100%	50,230	100%
Other assistance not listed here	in_ast_oth	Not selected	33,641	98%	15,433	98%	49,165	98%
		Selected	737	2%	328	2%	1,065	2%
		Total	34,378	100%	15,761	100%	50,230	100%
Prefer to not answer	in_ast_pna	Not selected	33,680	98%	15,459	98%	49,226	98%
		Selected	698	2%	302	2%	1,004	2%
		Total	34,378	100%	15,761	100%	50,230	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
After leaving your institution, how long did it take for you to obtain full-time work (working for pay or profit for 35 or more hours per week)?	jobtime_ft	*Did not receive - graduated > 25 years ago*	13,542	*36%*	5,408	*32%*	19,023	*35%*
		Obtained work prior to leaving this institution	5,669	*15%*	3,437	*20%*	9,112	*17%*
		Obtained work in less than four months	5,480	*15%*	2,400	*14%*	7,891	*15%*
		Obtained work in four to twelve months	3,938	*11%*	1,660	*10%*	5,600	*10%*
		Obtained work after more than a year	3,609	*10%*	1,766	*10%*	5,380	*10%*
		Have not yet found work	1,733	*5%*	846	*5%*	2,585	*5%*
		Did not search for full-time work after leaving program	1,343	*4%*	1,006	*6%*	2,353	*4%*
		Pursued further education immediately afterwards	1,945	*5%*	482	*3%*	2,427	*4%*
		Total	37,259	*100%*	17,005	*100%*	54,371	*100%*
How closely related was this full-time work experience to your education or training from this institution/college/department?	jobtrain_ft	*Have not yet found work / did not respond to filter*	1,730	*5%*	844	*5%*	2,580	*5%*
		Did not search for work after leaving program	1,338	*4%*	1,003	*6%*	2,345	*4%*
		Pursued further education	1,944	*5%*	482	*3%*	2,426	*4%*
		Graduated more than 25 years ago	13,542	*36%*	5,408	*32%*	19,023	*35%*
		Not related	5,255	*14%*	1,437	*8%*	6,699	*12%*
		Somewhat related	4,682	*13%*	2,093	*12%*	6,779	*12%*
		Closely related	8,729	*23%*	5,720	*34%*	14,461	*27%*
		Total	37,220	*100%*	16,987	*100%*	54,313	*100%*
How closely related was this full-time work experience to your long-term career interests?	career_ft	*Have not yet found work / did not respond to filter*	1,730	*5%*	844	*5%*	2,580	*5%*
		Did not search for work after leaving program	1,338	*4%*	1,003	*6%*	2,345	*4%*
		Pursued further education	1,944	*5%*	482	*3%*	2,426	*4%*
		Graduated more than 25 years ago	13,542	*36%*	5,408	*32%*	19,023	*35%*
		Not related	4,740	*13%*	1,214	*7%*	5,961	*11%*
		Somewhat related	5,440	*15%*	2,417	*14%*	7,861	*14%*
		Closely related	8,471	*23%*	5,610	*33%*	14,093	*26%*
		Total	37,205	*100%*	16,978	*100%*	54,289	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
Have you ever been self-employed, an independent contractor, or a freelance worker?	wk_self	Yes, I do this currently	14,962	*40%*	7,499	*44%*	22,501	*41%*
		Yes, I have done it in the past, but no longer do	13,271	*36%*	6,042	*36%*	19,345	*36%*
		No, I have not done this	8,991	*24%*	3,466	*20%*	12,484	*23%*
		Total	37,224	*100%*	17,007	*100%*	54,330	*100%*
Were you working for pay or profit during a typical week in September 2022?	wk_curr	No	8,175	*22%*	3,669	*22%*	11,893	*22%*
		Yes	28,995	*78%*	13,342	*78%*	42,388	*78%*
		Total	37,170	*100%*	17,011	*100%*	54,281	*100%*
During a typical week in September 2022, about how many hours did you work for pay or profit?	wk_hour	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12,020	*22%*
		1 to 10	1,372	*4%*	811	*5%*	2,190	*4%*
		11 to 20	2,158	*6%*	1,255	*7%*	3,419	*6%*
		21 to 30	2,532	*7%*	1,270	*8%*	3,806	*7%*
		31 to 35	1,924	*5%*	894	*5%*	2,823	*5%*
		36 to 40	8,996	*24%*	3,727	*22%*	12,735	*24%*
		41 to 50	8,364	*23%*	3,546	*21%*	11,922	*22%*
		51 to 60	2,168	*6%*	1,067	*6%*	3,237	*6%*
		61 or more	1,237	*3%*	643	*4%*	1,883	*3%*
		Total	37,009	*100%*	16,916	*100%*	54,035	*100%*
During a typical week in September 2022, were you working for one or more than one employer?	wk_emps	*Did not receive - not working for pay or profit*	8,258	*23%*	3,703	*22%*	12,020	*23%*
		One employer	20,527	*56%*	8,539	*51%*	29,101	*55%*
		More than one employer	7,635	*21%*	4,413	*26%*	12,059	*23%*
		Total	36,420	*100%*	16,655	*100%*	53,180	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
During a typical week in September 2022, did your work duties include any of the following?:								
Teaching visual or performing arts, design, or creative writing	wk_d_teach	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12,020	*22%*
		No	20,642	*56%*	6,685	*40%*	27,358	*51%*
		Yes	8,004	*22%*	6,480	*38%*	14,502	*27%*
		Total	36,904	*100%*	16,868	*100%*	53,880	*100%*
Managing or administering programs relevant to arts, design, or creative writing	wk_d_admin	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12,020	*22%*
		No	20,066	*55%*	7,626	*45%*	27,724	*52%*
		Yes	8,475	*23%*	5,471	*33%*	13,963	*26%*
		Total	36,799	*100%*	16,800	*100%*	53,707	*100%*
Managing artists, designers, or other creative workers	wk_d_artwk	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12,020	*22%*
		No	19,631	*53%*	8,652	*52%*	28,313	*53%*
		Yes	8,909	*24%*	4,400	*26%*	13,329	*25%*
		Total	36,798	*100%*	16,755	*100%*	53,662	*100%*
Creating, rehearsing, or performing music, dance, or other theatrical arts	wk_d_crper	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12,020	*22%*
		No	23,353	*64%*	8,690	*52%*	32,078	*60%*
		Yes	5,092	*14%*	4,342	*26%*	9,447	*18%*
		Total	36,703	*100%*	16,735	*100%*	53,545	*100%*
Creating, planning, or showing visual arts work	wk_d_crvis	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12,020	*22%*
		No	17,527	*48%*	8,598	*51%*	26,155	*49%*
		Yes	10,945	*30%*	4,417	*26%*	15,378	*29%*
		Total	36,730	*100%*	16,718	*100%*	53,553	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Editing, publishing, or showcasing designs or creative writing	wk_d_crwrt	Did not receive - not working for pay or profit	8,258	23%	3,703	22%	12,020	23%
		No	20,773	57%	9,446	57%	30,249	57%
		Yes	7,513	21%	3,510	21%	11,038	21%
		Total	36,544	100%	16,659	100%	53,307	100%
Use of expertise in artistic, design, architecture, or creative writing techniques	wk_d_artte	Did not receive - not working for pay or profit	8,258	23%	3,703	22%	12,020	22%
		No	14,316	39%	6,650	40%	20,991	39%
		Yes	14,119	38%	6,361	38%	20,502	38%
		Total	36,693	100%	16,714	100%	53,513	100%
Use of expertise in public, community-engaged, or social practice art	wk_d_pubar	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12,020	22%
		No	21,980	60%	8,923	53%	30,937	58%
		Yes	6,472	18%	4,114	25%	10,600	20%
		Total	36,710	100%	16,740	100%	53,557	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Do you currently work in an arts or design occupation, including teaching and management positions in the arts or design field?	curjob_art	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		No	11,662	32%	4,064	24%	15748	29%
		Yes	17,039	46%	9,119	54%	26183	49%
		Total	36,959	100%	16,886	100%	53951	100%
Please indicate the arts and design occupations in which you currently work:								
Actor	curjob_actor	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	16,323	44%	8,804	52%	25149	47%
		Selected	670	2%	285	2%	956	2%
		Total	36,966	100%	16,908	100%	53980	100%
Architect	curjob_arch	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	16,131	44%	8,416	50%	24570	46%
		Selected	862	2%	673	4%	1535	3%
		Total	36,966	100%	16,908	100%	53980	100%
Arts administrator or manager	curjob_artadm	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,082	41%	7,598	45%	22699	42%
		Selected	1,911	5%	1,491	9%	3406	6%
		Total	36,966	100%	16,908	100%	53980	100%
Arts educator - in higher education	curjob_tchhied	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,246	41%	6,320	37%	21585	40%
		Selected	1,747	5%	2,769	16%	4520	8%
		Total	36,966	100%	16,908	100%	53980	100%
Arts educator - in K - 12	curjob_tchk12	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,064	41%	7,923	47%	23005	43%
		Selected	1,929	5%	1,166	7%	3100	6%
		Total	36,966	100%	16,908	100%	53980	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Arts educator - outside of K - 12 or higher education	curjob_othtch	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,617	42%	8,017	47%	23654	44%
		Selected	1,376	4%	1,072	6%	2451	5%
		Total	36,966	100%	16,908	100%	53980	100%
Craft artist	curjob_craft	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,744	43%	8,692	51%	24458	45%
		Selected	1,249	3%	397	2%	1647	3%
		Total	36,966	100%	16,908	100%	53980	100%
Dancer or choreographer	curjob_choreo	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	16,530	45%	8,919	53%	25472	47%
		Selected	463	1%	170	1%	633	1%
		Total	36,966	100%	16,908	100%	53980	100%
Designer - Graphic designer, illustrator, or art director	curjob_graphicdes	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	12,595	34%	8,144	48%	20760	38%
		Selected	4,398	12%	945	6%	5345	10%
		Total	36,966	100%	16,908	100%	53980	100%
Designer - Interior designer	curjob_intdes	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	16,288	44%	8,882	53%	25193	47%
		Selected	705	2%	207	1%	912	2%
		Total	36,966	100%	16,908	100%	53980	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Designer - Web designer	curjob_webdes	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,571	42%	8,725	52%	24319	45%
		Selected	1,422	4%	364	2%	1786	3%
		Total	36,966	100%	16,908	100%	53980	100%
Engineer or technician (sound, light, other)	curjob_sound	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	16,524	45%	8,912	53%	25457	47%
		Selected	469	1%	177	1%	648	1%
		Total	36,966	100%	16,908	100%	53980	100%
Film, TV, or video artist	curjob_film	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,107	41%	8,429	50%	23554	44%
		Selected	1,886	5%	660	4%	2551	5%
		Total	36,966	100%	16,908	100%	53980	100%
Fine artist	curjob_finart	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	14,448	39%	7,598	45%	22063	41%
		Selected	2,545	7%	1,491	9%	4042	7%
		Total	36,966	100%	16,908	100%	53980	100%
Multi-media artist or animator	curjob_animator	Did not receive - not working for pay or profit	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	15,879	43%	8,758	52%	24658	46%
		Selected	1,114	3%	331	2%	1447	3%
		Total	36,966	100%	16,908	100%	53980	100%

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
Museum or gallery worker, including curator	curjob_curator	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - not working in arts or design	11,715	*32%*	4,116	*24%*	15855	*29%*
		Not selected	16,190	*44%*	8,619	*51%*	24831	*46%*
		Selected	803	*2%*	470	*3%*	1274	*2%*
		Total	36,966	*100%*	16,908	*100%*	53980	*100%*
Musician (including instrumental, vocal, conductor, composer, arranger)	curjob_musician	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - not working in arts or design	11,715	*32%*	4,116	*24%*	15855	*29%*
		Not selected	15,097	*41%*	6,830	*40%*	21946	*41%*
		Selected	1,896	*5%*	2,259	*13%*	4159	*8%*
		Total	36,966	*100%*	16,908	*100%*	53980	*100%*
Photographer	curjob_photo	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - not working in arts or design	11,715	*32%*	4,116	*24%*	15855	*29%*
		Not selected	15,663	*42%*	8,679	*51%*	24364	*45%*
		Selected	1,330	*4%*	410	*2%*	1741	*3%*
		Total	36,966	*100%*	16,908	*100%*	53980	*100%*
Production designer or production manager	curjob_prod	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - not working in arts or design	11,715	*32%*	4,116	*24%*	15855	*29%*
		Not selected	15,971	*43%*	8,702	*51%*	24695	*46%*
		Selected	1,022	*3%*	387	*2%*	1410	*3%*
		Total	36,966	*100%*	16,908	*100%*	53980	*100%*
Theater and stage director or producer	curjob_stage	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - not working in arts or design	11,715	*32%*	4,116	*24%*	15855	*29%*
		Not selected	16,380	*44%*	8,640	*51%*	25042	*46%*
		Selected	613	*2%*	449	*3%*	1063	*2%*
		Total	36,966	*100%*	16,908	*100%*	53980	*100%*
Writer, author, or editor	curjob_writer	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - not working in arts or design	11,715	*32%*	4,116	*24%*	15855	*29%*
		Not selected	15,330	*41%*	7,805	*46%*	23153	*43%*
		Selected	1,663	*4%*	1,284	*8%*	2952	*5%*
		Total	36,966	*100%*	16,908	*100%*	53980	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
Other arts or design occupation not listed	curjob_othart	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - not working in arts or design	11,715	32%	4,116	24%	15855	29%
		Not selected	12,650	34%	7,495	44%	20163	37%
		Selected	4,343	12%	1,594	9%	5942	11%
		Total	36,966	100%	16,908	100%	53980	100%
Do you currently work in any additional occupations?	curjob_nonart	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		No	17,417	47%	8,915	53%	26364	49%
		Yes	11,066	30%	4,174	25%	15253	28%
		Total	36,741	100%	16,792	100%	53637	100%
Please indicate any additional occupations in which you currently work:								
Communications (e.g., journalism, marketing, public relations, advertising)	curjob_comm	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - no additional (non-arts) occupations	17,584	48%	9,022	54%	26640	50%
		Not selected	9,538	26%	3,587	21%	13137	24%
		Selected	1,432	4%	548	3%	1981	4%
		Total	36,812	100%	16,860	100%	53778	100%
Computer and mathematics (e.g., IT, analysts, and software developers)	curjob_comput	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - no additional (non-arts) occupations	17,584	48%	9,022	54%	26640	50%
		Not selected	10,039	27%	3,815	23%	13866	26%
		Selected	931	3%	320	2%	1252	2%
		Total	36,812	100%	16,860	100%	53778	100%
Education, training, and library	curjob_edu	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - no additional (non-arts) occupations	17,584	48%	9,022	54%	26640	50%
		Not selected	8,823	24%	2,990	18%	11824	22%
		Selected	2,147	6%	1,145	7%	3294	6%
		Total	36,812	100%	16,860	100%	53778	100%
Financial and other business services	curjob_finan	*Did not receive - not working for pay or profit*	8,258	22%	3,703	22%	12020	22%
		Did not receive - no additional (non-arts) occupations	17,584	48%	9,022	54%	26640	50%
		Not selected	10,363	28%	3,884	23%	14260	27%
		Selected	607	2%	251	1%	858	2%
		Total	36,812	100%	16,860	100%	53778	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
Healthcare	curjob_hlthtech	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - no additional (non-arts) occupations	17,584	*48%*	9,022	*54%*	26640	*50%*
		Not selected	10,002	*27%*	3,893	*23%*	13908	*26%*
		Selected	968	*3%*	242	*1%*	1210	*2%*
		Total	36,812	*100%*	16,860	*100%*	53778	*100%*
Legal	curjob_legal	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - no additional (non-arts) occupations	17,584	*48%*	9,022	*54%*	26640	*50%*
		Not selected	10,597	*29%*	4,037	*24%*	14647	*27%*
		Selected	373	*1%*	98	*1%*	471	*1%*
		Total	36,812	*100%*	16,860	*100%*	53778	*100%*
Management (e.g., executives and managers)	curjob_manag	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - no additional (non-arts) occupations	17,584	*48%*	9,022	*54%*	26640	*50%*
		Not selected	9,461	*26%*	3,634	*22%*	13107	*24%*
		Selected	1,509	*4%*	501	*3%*	2011	*4%*
		Total	36,812	*100%*	16,860	*100%*	53778	*100%*
Office and administrative support	curjob_office	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - no additional (non-arts) occupations	17,584	*48%*	9,022	*54%*	26640	*50%*
		Not selected	9,943	*27%*	3,803	*23%*	13758	*26%*
		Selected	1,027	*3%*	332	*2%*	1360	*3%*
		Total	36,812	*100%*	16,860	*100%*	53778	*100%*
Sales (e.g., real estate, retail sales)	curjob_sales	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - no additional (non-arts) occupations	17,584	*48%*	9,022	*54%*	26640	*50%*
		Not selected	9,886	*27%*	3,889	*23%*	13787	*26%*
		Selected	1,084	*3%*	246	*1%*	1331	*2%*
		Total	36,812	*100%*	16,860	*100%*	53778	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Social services or other services (e.g., counselors, social workers, food service, travel industry)	curjob_socialser	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - no additional (non-arts) occupations	17,584	*48%*	9,022	*54%*	26640	*50%*
		Not selected	10,064	*27%*	3,884	*23%*	13959	*26%*
		Selected	906	*2%*	251	*1%*	1159	*2%*
		Total	36,812	*100%*	16,860	*100%*	53778	*100%*
Other occupation not listed	curjob_oth	*Did not receive - not working for pay or profit*	8,258	*22%*	3,703	*22%*	12020	*22%*
		Did not receive - no additional (non-arts) occupations	17,584	*48%*	9,022	*54%*	26640	*50%*
		Not selected	7,052	*19%*	2,610	*15%*	9668	*18%*
		Selected	3,918	*11%*	1,525	*9%*	5450	*10%*
		Total	36,812	*100%*	16,860	*100%*	53778	*100%*
What is the most important resource to which you currently do not have access, but need to advance your artistic or design career?	wk_impresource	*Did not receive - not working in arts or design*	6344	*23%*	1650	*13%*	8003	*19%*
		I am not currently seeking to advance an artistic or design career	4167	*15%*	1876	*14%*	6054	*15%*
		Space, such as studio or performance, exhibition space	1539	*5%*	729	*6%*	2270	*6%*
		Equipment	677	*2%*	224	*2%*	901	*2%*
		Business advising	1108	*4%*	480	*4%*	1589	*4%*
		Funding (e.g., grants, loans, investment capital)	3082	*11%*	2020	*16%*	5107	*12%*
		Publicity and recognition of your work	2004	*7%*	1313	*10%*	3320	*8%*
		Professional networks	2586	*9%*	1322	*10%*	3909	*10%*
		Childcare or elder care	359	*1%*	269	*2%*	628	*2%*
		Technology support	452	*2%*	213	*2%*	665	*2%*
		Other, please describe	1332	*5%*	801	*6%*	2137	*5%*
		I currently feel adequately resourced to advance an artistic or design career	4451	*16%*	2062	*16%*	6523	*16%*
		Total	28101	*100%*	12959	*100%*	41106	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Thinking about your paid work during a typical week in September 2022, indicate your level of satisfaction with each of the following:								
Job security	wk_sat_sec	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	1158	3%	632	4%	1791	3%
		Somewhat dissatisfied	2366	6%	1184	7%	3554	7%
		Somewhat satisfied	8883	24%	4073	24%	12966	24%
		Very satisfied	15810	43%	7094	43%	22931	43%
		Total	36,475	100%	16,686	100%	53262	100%
Opportunity for advancement	wk_sat_adv	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	2083	6%	1057	6%	3141	6%
		Somewhat dissatisfied	5046	14%	2512	15%	7565	14%
		Somewhat satisfied	11697	32%	5351	32%	17062	32%
		Very satisfied	9156	25%	3972	24%	13147	25%
		Total	36,240	100%	16,595	100%	52935	100%
Pay or earnings	wk_sat_pay	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	2185	6%	1142	7%	3329	6%
		Somewhat dissatisfied	5252	14%	2589	16%	7846	15%
		Somewhat satisfied	12253	34%	5659	34%	17935	34%
		Very satisfied	8478	23%	3559	21%	12049	23%
		Total	36,426	100%	16,652	100%	53179	100%
Benefits (e.g., health insurance, leave)	wk_sat_ben	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	4760	13%	2108	13%	6872	13%
		Somewhat dissatisfied	3945	11%	1754	11%	5707	11%
		Somewhat satisfied	8007	22%	3708	22%	11732	22%
		Very satisfied	11259	31%	5266	32%	16537	31%
		Total	36,229	100%	16,539	100%	52868	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Flexibility of work hours	wk_sat_fhr	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	1244	3%	518	3%	1763	3%
		Somewhat dissatisfied	3020	8%	1353	8%	4378	8%
		Somewhat satisfied	9084	25%	4531	27%	13629	26%
		Very satisfied	14830	41%	6550	39%	21402	40%
		Total	36,436	100%	16,655	100%	53192	100%
Flexibility of work location	wk_sat_flo	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	1295	4%	601	4%	1896	4%
		Somewhat dissatisfied	2956	8%	1399	8%	4357	8%
		Somewhat satisfied	8497	23%	4458	27%	12968	24%
		Very satisfied	15366	42%	6469	39%	21862	41%
		Total	36,372	100%	16,630	100%	53103	100%
Level of responsibility	wk_sat_res	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	456	1%	268	2%	725	1%
		Somewhat dissatisfied	1858	5%	900	5%	2759	5%
		Somewhat satisfied	9552	26%	4504	27%	14066	26%
		Very satisfied	16282	45%	7277	44%	23589	44%
		Total	36406	100%	16652	100%	53159	100%
Opportunity to contribute to society	wk_sat_con	*Did not receive - not working for pay or profit*	8258	23%	3703	22%	12020	23%
		Very dissatisfied	1453	4%	520	3%	1975	4%
		Somewhat dissatisfied	3462	10%	1297	8%	4762	9%
		Somewhat satisfied	9825	27%	4357	26%	14195	27%
		Very satisfied	13363	37%	6779	41%	20167	38%
		Total	36,361	100%	16,656	100%	53119	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
Opportunity to be creative	wk_sat_cre	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Very dissatisfied	2061	*6%*	693	*4%*	2759	*5%*
		Somewhat dissatisfied	4019	*11%*	1645	*10%*	5669	*11%*
		Somewhat satisfied	10050	*28%*	4636	*28%*	14699	*28%*
		Very satisfied	12028	*33%*	5993	*36%*	18040	*34%*
		Total	36,416	*100%*	16,670	*100%*	53187	*100%*
Opportunity to be intellectually challenged	wk_sat_int	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Very dissatisfied	1510	*4%*	628	*4%*	2140	*4%*
		Somewhat dissatisfied	3202	*9%*	1409	*8%*	4615	*9%*
		Somewhat satisfied	9455	*26%*	4195	*25%*	13660	*26%*
		Very satisfied	13966	*38%*	6718	*40%*	20710	*39%*
		Total	36,391	*100%*	16,653	*100%*	53145	*100%*
Alignment with your values	wk_sat_val	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Very dissatisfied	965	*3%*	389	*2%*	1356	*3%*
		Somewhat dissatisfied	2621	*7%*	1118	*7%*	3744	*7%*
		Somewhat satisfied	9794	*27%*	4443	*27%*	14251	*27%*
		Very satisfied	14731	*41%*	7007	*42%*	21759	*41%*
		Total	36,369	*100%*	16,660	*100%*	53130	*100%*
Degree of independence	wk_sat_ind	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Very dissatisfied	651	*2%*	273	*2%*	925	*2%*
		Somewhat dissatisfied	1789	*5%*	803	*5%*	2594	*5%*
		Somewhat satisfied	8674	*24%*	4132	*25%*	12819	*24%*
		Very satisfied	17035	*47%*	7754	*47%*	24815	*47%*
		Total	36,407	*100%*	16,665	*100%*	53173	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni Count	%	Graduate Alumni Count	%	All Alumni Count	%
Overall job satisfaction	wk_sat_all	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Very dissatisfied	910	*3%*	389	*2%*	1300	*2%*
		Somewhat dissatisfied	2631	*7%*	1258	*8%*	3893	*7%*
		Somewhat satisfied	11341	*31%*	5411	*33%*	16769	*32%*
		Very satisfied	13241	*36%*	5887	*35%*	19147	*36%*
		Total	36,381	*100%*	16,648	*100%*	53129	*100%*
How important was each of the following to perform effectively in your paid work in September 2022?								
Critical thinking skills	wk_sk_anly	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	513	*1%*	206	*1%*	719	*1%*
		Slightly important	1634	*5%*	636	*4%*	2274	*4%*
		Important	6372	*18%*	2811	*17%*	9194	*17%*
		Very important	19489	*54%*	9275	*56%*	28791	*54%*
		Total	36,266	*100%*	16,631	*100%*	52,998	*100%*
Business, financial, or entrepreneurial skills	wk_sk_buen	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	4074	*11%*	1889	*11%*	5974	*11%*
		Slightly important	5862	*16%*	2844	*17%*	8711	*16%*
		Important	7755	*21%*	3803	*23%*	11568	*22%*
		Very important	10268	*28%*	4359	*26%*	14642	*28%*
		Total	36,217	*100%*	16,598	*100%*	52,915	*100%*
Creative thinking and problem-solving skills	wk_sk_crea	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	544	*2%*	192	*1%*	737	*1%*
		Slightly important	1588	*4%*	686	*4%*	2280	*4%*
		Important	6340	*17%*	2973	*18%*	9321	*18%*
		Very important	19523	*54%*	9078	*55%*	28629	*54%*
		Total	36,253	*100%*	16,632	*100%*	52,987	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Communication skills	wk_sk_comm	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	163	*0%*	72	*0%*	235	*0%*
		Slightly important	623	*2%*	246	*1%*	872	*2%*
		Important	4546	*13%*	1953	*12%*	6507	*12%*
		Very important	22653	*63%*	10641	*64%*	33323	*63%*
		Total	36,243	*100%*	16,615	*100%*	52,957	*100%*
Research skills	wk_sk_rese	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	2875	*8%*	1129	*7%*	4008	*8%*
		Slightly important	5850	*16%*	2635	*16%*	8496	*16%*
		Important	9225	*25%*	4247	*26%*	13484	*25%*
		Very important	10031	*28%*	4902	*30%*	14948	*28%*
		Total	36,239	*100%*	16,616	*100%*	52,956	*100%*
Technology skills	wk_sk_tech	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	1106	*3%*	509	*3%*	1617	*3%*
		Slightly important	3495	*10%*	1975	*12%*	5475	*10%*
		Important	9662	*27%*	4824	*29%*	14498	*27%*
		Very important	13718	*38%*	5592	*34%*	19332	*37%*
		Total	36,239	*100%*	16,603	*100%*	52,942	*100%*
Artistic technique	wk_sk_artt	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	6474	*18%*	2528	*15%*	9012	*17%*
		Slightly important	5172	*14%*	2078	*13%*	7259	*14%*
		Important	6517	*18%*	2876	*17%*	9400	*18%*
		Very important	9835	*27%*	5430	*33%*	15281	*29%*
		Total	36,256	*100%*	16,615	*100%*	52,972	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
Project management skills	wk_sk_proj	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	1869	*5%*	821	*5%*	2693	*5%*
		Slightly important	2937	*8%*	1417	*9%*	4362	*8%*
		Important	7908	*22%*	3881	*23%*	11801	*22%*
		Very important	15256	*42%*	6767	*41%*	22043	*42%*
		Total	36,228	*100%*	16,589	*100%*	52,919	*100%*
Networking and relationship-building skills	wk_sk_netw	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	1908	*5%*	713	*4%*	2625	*5%*
		Slightly important	4541	*13%*	1828	*11%*	6378	*12%*
		Important	9423	*26%*	4488	*27%*	13923	*26%*
		Very important	12077	*33%*	5866	*35%*	17961	*34%*
		Total	36,207	*100%*	16,598	*100%*	52,907	*100%*
Ability to be resilient and to pick yourself up when things do not go as planned	wk_sk_resi	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	438	*1%*	210	*1%*	648	*1%*
		Slightly important	1552	*4%*	682	*4%*	2236	*4%*
		Important	7426	*21%*	3591	*22%*	11029	*21%*
		Very important	18516	*51%*	8400	*51%*	26944	*51%*
		Total	36,190	*100%*	16,586	*100%*	52,877	*100%*
Ability to adapt to changing circumstances	wk_sk_adap	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	256	*1%*	118	*1%*	374	*1%*
		Slightly important	1028	*3%*	504	*3%*	1533	*3%*
		Important	6504	*18%*	3152	*19%*	9665	*18%*
		Very important	20153	*56%*	9105	*55%*	29290	*55%*
		Total	36,199	*100%*	16,582	*100%*	52,882	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Ability to recognize opportunities to advance your ideas	wk_sk_opty	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Not important	1710	5%	619	4%	2334	4%
		Slightly important	3281	9%	1388	8%	4673	9%
		Important	9120	25%	4225	26%	13357	25%
		Very important	13785	38%	6624	40%	20429	39%
		Total	36,154	100%	16,559	100%	52,813	100%
Ability to collaborate with people from cultures and demographics different from your own	wk_sk_coll	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Not important	2595	7%	937	6%	3535	7%
		Slightly important	4235	12%	1801	11%	6044	11%
		Important	7977	22%	3765	23%	11755	22%
		Very important	13077	36%	6369	38%	19465	37%
		Total	36,142	100%	16,575	100%	52,819	100%
Ability to evaluate multiple approaches to solving a problem	wk_sk_solv	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Not important	697	2%	267	2%	965	2%
		Slightly important	2035	6%	873	5%	2915	6%
		Important	8414	23%	3939	24%	12362	23%
		Very important	16695	46%	7761	47%	24482	46%
		Total	36,099	100%	16,543	100%	52,744	100%
How often do you feel the following in your paid work?								
Respected by your co-workers or collaborators	wk_oft_resc	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Never	201	1%	68	0%	269	1%
		Rarely	878	2%	401	2%	1281	2%
		Sometimes	6824	19%	3398	21%	10232	19%
		Often	19911	55%	8958	54%	28898	55%
		Total	36,072	100%	16,528	100%	52,700	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Treated differently by co-workers or collaborators in way that affected you negatively	wk_oft_difc	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Never	9069	25%	3931	24%	13010	25%
		Rarely	11511	32%	5177	31%	16706	32%
		Sometimes	5755	16%	3035	18%	8799	17%
		Often	1423	4%	642	4%	2067	4%
		Total	36,016	100%	16,488	100%	52,602	100%
Valued by your co-workers or collaborators	wk_oft_valc	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Never	254	1%	90	1%	345	1%
		Rarely	918	3%	422	3%	1341	3%
		Sometimes	7403	21%	3649	22%	11066	21%
		Often	19155	53%	8628	52%	27808	53%
		Total	35,988	100%	16,492	100%	52,580	100%
Overall, to what extent would you say your career is related to your field of study or training during your time at this institution/college/department?	wk_degfld	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Not related	6488	18%	1679	10%	8178	15%
		Somewhat related	8578	24%	3345	20%	11938	23%
		Closely related	12784	35%	7843	47%	20643	39%
		Total	36,108	100%	16,570	100%	52,779	100%
Overall, to what extent would you say your career draws upon skills and abilities developed during your time at this institution/college/department?	wk_degskl	Did not receive - not working for pay or profit	8258	23%	3703	22%	12020	23%
		Not at all	1619	4%	532	3%	2154	4%
		Very little	3450	10%	1200	7%	4655	9%
		Some	9840	27%	4121	25%	13974	26%
		Very much	12946	36%	6993	42%	19960	38%
		Total	36,113	100%	16,549	100%	52,763	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Based on your experience, how important is having a degree in arts, design, or a related management field to advancing a career in arts or design?	degimp	*Did not receive - not working for pay or profit*	8258	*23%*	3703	*22%*	12020	*23%*
		Not important	2531	*7%*	804	*5%*	3338	*6%*
		Slightly important	5439	*15%*	1814	*11%*	7260	*14%*
		Important	9437	*26%*	4008	*24%*	13467	*26%*
		Very important	10415	*29%*	6219	*38%*	16645	*32%*
		Total	36,080	*100%*	16,548	*100%*	52,730	*100%*
Please indicate why you are not currently working for pay or profit. Select all that apply:								
Retired	wk_whynot_ret	*Did not receive - working for pay or profit*	27900	*78%*	12902	*78%*	40846	*78%*
		Not selected	4388	*12%*	1737	*11%*	6142	*12%*
		Selected	3659	*10%*	1903	*12%*	5591	*11%*
		Total	35,947	*100%*	16,542	*100%*	52,579	*100%*
Unemployed and looking for work	wk_whynot_look	*Did not receive - working for pay or profit*	27900	*78%*	12902	*78%*	40846	*78%*
		Not selected	6544	*18%*	3080	*19%*	9666	*18%*
		Selected	1503	*4%*	560	*3%*	2067	*4%*
		Total	35,947	*100%*	16,542	*100%*	52,579	*100%*
Full-time student	wk_whynot_stud	*Did not receive - working for pay or profit*	27900	*78%*	12902	*78%*	40846	*78%*
		Not selected	7473	*21%*	3495	*21%*	11014	*21%*
		Selected	574	*2%*	145	*1%*	719	*1%*
		Total	35,947	*100%*	16,542	*100%*	52,579	*100%*
Full-time family caregiver	wk_whynot_care	*Did not receive - working for pay or profit*	27900	*78%*	12902	*78%*	40846	*78%*
		Not selected	7323	*20%*	3401	*21%*	10769	*20%*
		Selected	724	*2%*	239	*1%*	964	*2%*
		Total	35,947	*100%*	16,542	*100%*	52,579	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Working, but not for pay or profit	wk_whynot_nopay	Did not receive - working for pay or profit	27900	78%	12902	78%	40846	78%
		Not selected	7333	20%	3303	20%	10679	20%
		Selected	714	2%	337	2%	1054	2%
		Total	35,947	100%	16,542	100%	52,579	100%
Other, please describe	wk_whynot_oth	Did not receive - working for pay or profit	27900	78%	12902	78%	40846	78%
		Not selected	5939	17%	2660	16%	8631	16%
		Selected	2108	6%	980	6%	3102	6%
		Total	35,947	100%	16,542	100%	52,579	100%

Aggregate Report

			Undergraduate Alumni		Graduate Alumni		All Alumni	
	Variable	Response Options	Count	%	Count	%	Count	%
In general, were you doing the same kind of work or in similar occupations in early March 2020 as you were in September 2022?	p_m20wk	*Did not receive - not working for pay or profit*	8,188	23%	3,677	22%	11924	23%
		Not selected	5,729	16%	2,020	12%	7762	15%
		Selected	22,153	61%	10,869	66%	33053	63%
		Total	36,070	100%	16,566	100%	52739	100%
Please indicate the arts and design occupations in which you worked in early March 2020. Select all that apply:								
No occupation in arts or design	p_noart	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	6,893	19%	3,644	22%	10572	20%
		Selected	6,570	18%	1,869	11%	8461	16%
		Total	35,603	100%	16,372	100%	52063	100%
Actor	p_actor	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,073	37%	5,367	33%	18496	36%
		Selected	390	1%	146	1%	537	1%
		Total	35,603	100%	16,372	100%	52063	100%
Architect	p_arch	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,273	37%	5,402	33%	18730	36%
		Selected	190	1%	111	1%	303	1%
		Total	35,603	100%	16,372	100%	52063	100%
Arts administrator or manager	p_artadam	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,044	37%	5,194	32%	18291	35%
		Selected	419	1%	319	2%	742	1%
		Total	35,603	100%	16,372	100%	52063	100%
Arts educator - in higher education	p_tchhied	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,138	37%	4,910	30%	18100	35%
		Selected	325	1%	603	4%	933	2%
		Total	35,603	100%	16,372	100%	52063	100%
Arts educator - in K-12	p_tchk12	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	12,847	36%	5,200	32%	18102	35%
		Selected	616	2%	313	2%	931	2%
		Total	35,603	100%	16,372	100%	52063	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Arts educator - outside of K-12 or higher education	p_othtch	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	13,077	*37%*	5,259	*32%*	18392	*35%*
		Selected	386	*1%*	254	*2%*	641	*1%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Craft artist	p_craft	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	12,927	*36%*	5,359	*33%*	18340	*35%*
		Selected	536	*2%*	154	*1%*	693	*1%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Dancer or choreographer	p_choreo	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	13,302	*37%*	5,464	*33%*	18822	*36%*
		Selected	161	*0%*	49	*0%*	211	*0%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Designer - Graphic designer, illustrator, or art director	p_graphicdes	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	12,503	*35%*	5,280	*32%*	17835	*34%*
		Selected	960	*3%*	233	*1%*	1198	*2%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Designer - Interior designer	p_intdes	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	13,287	*37%*	5,465	*33%*	18807	*36%*
		Selected	176	*0%*	48	*0%*	226	*0%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Designer - Web designer	p_webdes	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	13,244	*37%*	5,453	*33%*	18754	*36%*
		Selected	219	*1%*	60	*0%*	279	*1%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Engineer or technician (sound, light, other)	p_sound	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	13,322	*37%*	5,471	*33%*	18850	*36%*
		Selected	141	*0%*	42	*0%*	183	*0%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Film, TV, or video artist	p_film	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	12,986	*36%*	5,309	*32%*	18351	*35%*
		Selected	477	*1%*	204	*1%*	682	*1%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Fine artist	p_finart	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	12,152	34%	4,813	29%	17014	33%
		Selected	1,311	4%	700	4%	2019	4%
		Total	35,603	100%	16,372	100%	52063	100%
Multi-media artist or animator	p_animator	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,232	37%	5,432	33%	18721	36%
		Selected	231	1%	81	0%	312	1%
		Total	35,603	100%	16,372	100%	52063	100%
Museum or gallery worker, including curator	p_curator	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,196	37%	5,359	33%	18610	36%
		Selected	267	1%	154	1%	423	1%
		Total	35,603	100%	16,372	100%	52063	100%
Musician (including instrumental, vocal, conductor, composer, arranger)	p_musician	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	12,667	36%	4,796	29%	17517	34%
		Selected	796	2%	717	4%	1516	3%
		Total	35,603	100%	16,372	100%	52063	100%
Photographer	p_photo	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	12,946	36%	5,333	33%	18333	35%
		Selected	517	1%	180	1%	700	1%
		Total	35,603	100%	16,372	100%	52063	100%
Production designer or production manager	p_prod	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,236	37%	5,440	33%	18732	36%
		Selected	227	1%	73	0%	301	1%
		Total	35,603	100%	16,372	100%	52063	100%
Theater and stage director or producer	p_stage	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	13,259	37%	5,359	33%	18673	36%
		Selected	204	1%	154	1%	360	1%
		Total	35,603	100%	16,372	100%	52063	100%
Writer, author, or editor	p_writer	*Did not receive - current work similar to March 2020*	22,140	62%	10,859	66%	33030	63%
		Not selected	12,805	36%	4,980	30%	17835	34%
		Selected	658	2%	533	3%	1198	2%
		Total	35,603	100%	16,372	100%	52063	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni Count	%	Graduate Alumni Count	%	All Alumni Count	%
Other arts or design occupation not listed, please describe	p_othart	*Did not receive - current work similar to March 2020*	22,140	*62%*	10,859	*66%*	33030	*63%*
		Not selected	11,631	*33%*	4,785	*29%*	16465	*32%*
		Selected	1,832	*5%*	728	*4%*	2568	*5%*
		Total	35,603	*100%*	16,372	*100%*	52063	*100%*
Please indicate any additional occupations in which you worked in early March 2020. Select all that apply:								
No additional occupation	p_noadd	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	5412	*16%*	1839	*12%*	7273	*14%*
		Selected	6960	*20%*	3043	*19%*	10031	*20%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Communications (e.g., journalism, marketing, public relations, advertising)	p_comm	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	11820	*34%*	4656	*30%*	16523	*33%*
		Selected	552	*2%*	226	*1%*	781	*2%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Computer and mathematics (e.g., IT, analysts, and software developers)	p_comput	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	12187	*35%*	4812	*31%*	17046	*34%*
		Selected	185	*1%*	70	*0%*	258	*1%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Education, training, and library	p_edu	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	11405	*33%*	4391	*28%*	15844	*31%*
		Selected	967	*3%*	491	*3%*	1460	*3%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Financial and other business services	p_finan	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	12191	*35%*	4835	*31%*	17076	*34%*
		Selected	181	*1%*	47	*0%*	228	*0%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Healthcare	p_hlthtech	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	12072	*35%*	4795	*30%*	16917	*34%*
		Selected	300	*1%*	87	*1%*	387	*1%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni Count	%	Graduate Alumni Count	%	All Alumni Count	%
Legal	p_legal	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	12280	*36%*	4854	*31%*	17183	*34%*
		Selected	92	*0%*	28	*0%*	121	*0%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Management (e.g., executives and managers)	p_manag	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	11944	*35%*	4712	*30%*	16705	*33%*
		Selected	428	*1%*	170	*1%*	599	*1%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Office and administrative support	p_office	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	11769	*34%*	4710	*30%*	16528	*33%*
		Selected	603	*2%*	172	*1%*	776	*2%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Sales (e.g., real estate, retail sales)	p_sales	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	11468	*33%*	4751	*30%*	16263	*32%*
		Selected	904	*3%*	131	*1%*	1041	*2%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Social services (e.g., counselors, social workers, and religious workers)	p_socialser	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	11825	*34%*	4763	*30%*	16636	*33%*
		Selected	547	*2%*	119	*1%*	668	*1%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
Other occupation not listed, please describe	p_oth	*Did not receive - current work similar to March 2020*	22140	*64%*	10859	*69%*	33030	*66%*
		Not selected	10573	*31%*	4226	*27%*	14838	*29%*
		Selected	1799	*5%*	656	*4%*	2466	*5%*
		Total	34,512	*100%*	15,741	*100%*	50334	*100%*
In early March 2020, was any of your work for pay or profit considered to be self-employment, or work as an independent contractor or freelance worker? Select one.	p_self	No	16115	*45%*	6824	*41%*	22963	*44%*
		Yes	14794	*41%*	7847	*48%*	22681	*43%*
		I did not work for pay or profit in early March 2020	4928	*14%*	1786	*11%*	6741	*13%*
		Total	35,837	*100%*	16,457	*100%*	52385	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Since the onset of the pandemic, from mid-March 2020 until now, how much of your work has been related to arts or design?	p_artwk	*Did not receive - not working in arts at start of pandemic*	4549	13%	1236	8%	5791	12%
		Less of my work is related to arts or design than before March 2020	5536	16%	2255	14%	7808	16%
		My work's relation to arts or design has remained the same as before March 2020	18396	54%	9807	63%	28246	57%
		More of my work is related to arts or design than before March 2020	5526	16%	2373	15%	7907	16%
		Total	34007	100%	15671	100%	49752	100%
Which of the following changes, if any, did you make to your creative work since the start of the pandemic? Select all that apply:								
Changed the content, style, or media of the art that you create or perform	p_ch_art	*Did not receive - not working in arts at start of pandemic*	4549	13%	1236	8%	5791	12%
		Not selected	22274	66%	10257	66%	32581	66%
		Selected	6943	21%	4097	26%	11059	22%
		Total	33,766	100%	15,590	100%	49431	100%
Sought out new collaborators, communities, or professional networks	p_ch_coll	*Did not receive - not working in arts at start of pandemic*	4549	13%	1236	8%	5791	12%
		Not selected	21326	63%	9952	64%	31335	63%
		Selected	7891	23%	4402	28%	12305	25%
		Total	33,766	100%	15,590	100%	49431	100%
Increased efforts to have your creative work address problems in your community	p_ch_cmty	*Did not receive - not working in arts at start of pandemic*	4549	13%	1236	8%	5791	12%
		Not selected	25655	76%	12129	78%	37847	77%
		Selected	3562	11%	2225	14%	5793	12%
		Total	33,766	100%	15,590	100%	49431	100%
Other change, please describe	p_ch_oth	*Did not receive - not working in arts at start of pandemic*	4549	13%	1236	8%	5791	12%
		Not selected	25211	75%	12365	79%	37637	76%
		Selected	4006	12%	1989	13%	6003	12%
		Total	33,766	100%	15,590	100%	49431	100%
No notable changes	p_ch_none	*Did not receive - not working in arts at start of pandemic*	4549	13%	1236	8%	5791	12%
		Not selected	15434	46%	8357	54%	23826	48%
		Selected	13783	41%	5997	38%	19814	40%
		Total	33,766	100%	15,590	100%	49431	100%

Aggregate Report

			Undergraduate Alumni		Graduate Alumni		All Alumni	
	Variable	*Response Options*	*Count*	*%*	*Count*	*%*	*Count*	*%*
Since the onset of the pandemic, how important has it been to you to update or learn new skills to advance your career?	p_skill	Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	12%
		Not important	5666	17%	2744	17%	8432	17%
		Slightly important	5608	16%	2777	18%	8393	17%
		Important	8104	24%	4090	26%	12211	24%
		Very important	10169	30%	4898	31%	15089	30%
		Total	34096	100%	15745	100%	49916	100%
What types of skills have you sought in effort to advance your career since the start of the pandemic? Select all that apply:								
Technology skills	p_sk_tech	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	5968	17%	2514	16%	8496	17%
		Selected	12078	34%	6389	40%	18491	36%
		Total	35,035	100%	16,128	100%	51253	100%
Tech-based production skills	p_sk_prod	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	12277	35%	5846	36%	18146	35%
		Selected	5769	16%	3057	19%	8841	17%
		Total	35,035	100%	16,128	100%	51253	100%
Business, financial, or entrepreneurial skills	p_sk_buen	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	10703	31%	5705	35%	16429	32%
		Selected	7343	21%	3198	20%	10558	21%
		Total	35,035	100%	16,128	100%	51253	100%
Skills in artistic or design techniques	p_sk_artt	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	10677	30%	6069	38%	16767	33%
		Selected	7369	21%	2834	18%	10220	20%
		Total	35,035	100%	16,128	100%	51253	100%
Skills in anti-oppressive practices	p_sk_anti	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	14614	42%	6741	42%	21390	42%
		Selected	3432	10%	2162	13%	5597	11%
		Total	35,035	100%	16,128	100%	51253	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Skills to facilitate a change to a different occupational field	p_sk_pivot	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	14121	40%	7206	45%	21359	42%
		Selected	3925	11%	1697	11%	5628	11%
		Total	35,035	100%	16,128	100%	51253	100%
Other skills, please describe	p_sk_oth	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	16535	47%	8150	51%	24720	48%
		Selected	1511	4%	753	5%	2267	4%
		Total	35,035	100%	16,128	100%	51253	100%
Where did you acquire new skills to advance your career? Select all that apply:								
College or university degree program	p_ask_deg	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	14932	43%	7734	48%	22694	44%
		Selected	3114	9%	1169	7%	4293	8%
		Total	35,035	100%	16,128	100%	51253	100%
College or university non-degree program or coursework	p_ask_ndeg	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	16776	48%	8256	51%	25066	49%
		Selected	1270	4%	647	4%	1921	4%
		Total	35,035	100%	16,128	100%	51253	100%
Employer-provided training or resources	p_ask_empr	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	13452	38%	6416	40%	19900	39%
		Selected	4594	13%	2487	15%	7087	14%
		Total	35,035	100%	16,128	100%	51253	100%
Trade associations, unions, or other regional organizations that support creative workers	p_ask_org	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	16764	48%	8185	51%	24984	49%
		Selected	1282	4%	718	4%	2003	4%
		Total	35,035	100%	16,128	100%	51253	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Online courses or other formal trainings, other than college or university programs	p_ask_online	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	11775	34%	5751	36%	17553	34%
		Selected	6271	18%	3152	20%	9434	18%
		Total	35,035	100%	16,128	100%	51253	100%
Self-taught (e.g. using online tutorials or other resources)	p_ask_self	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	4118	12%	1936	12%	6069	12%
		Selected	13928	40%	6967	43%	20918	41%
		Total	35,035	100%	16,128	100%	51253	100%
Existing mentors or friends	p_ask_ment	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	10021	29%	4682	29%	14727	29%
		Selected	8025	23%	4221	26%	12260	24%
		Total	35,035	100%	16,128	100%	51253	100%
New acquaintances or connections made since the onset of the pandemic	p_ask_acqu	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	13423	38%	6615	41%	20066	39%
		Selected	4623	13%	2288	14%	6921	14%
		Total	35,035	100%	16,128	100%	51253	100%
Other, please describe	p_ask_oth	Did not receive - not important to learn new skills	12440	36%	5989	37%	18475	36%
		Did not receive - not working in arts at start of pandemic	4549	13%	1236	8%	5791	11%
		Not selected	17290	49%	8543	53%	25868	50%
		Selected	756	2%	360	2%	1119	2%
		Total	35,035	100%	16,128	100%	51253	100%

Aggregate Report

			Undergraduate Alumni		Graduate Alumni		All Alumni	
	Variable	*Response Options*	*Count*	*%*	*Count*	*%*	*Count*	*%*
How, if at all, was your paid work affected between mid-March 2020 and February 2021?								
Lost a job, was furloughed, or otherwise was out of work	p_wk1_lost	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	22157	*67%*	11413	*75%*	33614	*69%*
		Selected	6409	*19%*	2620	*17%*	9046	*19%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Lost personal income or experienced a pay cut	p_wk1_cut	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	21798	*66%*	10131	*66%*	31973	*66%*
		Selected	6768	*20%*	3902	*26%*	10687	*22%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Utilized unemployment benefits or other government assistance	p_wk1_unemp	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	23383	*71%*	11923	*78%*	35359	*73%*
		Selected	5183	*16%*	2110	*14%*	7301	*15%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Stopped or cut back work specifically for family caregiving	p_wk1_care	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	26802	*81%*	13118	*86%*	39977	*83%*
		Selected	1764	*5%*	915	*6%*	2683	*6%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Started a new full-time or part-time job in arts or design	p_wk1_newpt	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	26436	*80%*	13030	*85%*	39526	*82%*
		Selected	2130	*6%*	1003	*7%*	3134	*6%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Started a new full-time or part-time job not related to arts or design	p_wk1_newft	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	26564	*80%*	13424	*88%*	40048	*83%*
		Selected	2002	*6%*	609	*4%*	2612	*5%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Picked up new gigs or project-based arts or design work	p_wk1_gigart	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	24941	*75%*	12479	*82%*	37476	*77%*
		Selected	3625	*11%*	1554	*10%*	5184	*11%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Picked up new gigs or project-based work not related to arts or design	p_wk1_gignart	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	27328	*83%*	13494	*88%*	40882	*84%*
		Selected	1238	*4%*	539	*4%*	1778	*4%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Paid work was not affected	p_wk1_notaff	*Did not receive this question*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	18634	*56%*	8844	*58%*	27521	*57%*
		Selected	9932	*30%*	5189	*34%*	15139	*31%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*
Other, please describe	p_wk1_oth	*Did not receive - not working in arts at start of pandemic*	4549	*14%*	1236	*8%*	5791	*12%*
		Not selected	24233	*73%*	11876	*78%*	36156	*75%*
		Selected	4333	*13%*	2157	*14%*	6504	*13%*
		Total	33,115	*100%*	15,269	*100%*	48451	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
What resources did you use to pay for your bachelor's degree(s)?: Select all that apply:								
Financial assistance from parents, spouse, or other relatives, not to be repaid	pay_ba_fam	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	8,576	*25%*	4,146	*26%*	12,740	*25%*
		Selected	12,611	*36%*	6,059	*38%*	18,680	*37%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*
Loans from parents or other relatives, to be repaid	pay_ba_famloan	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	18,505	*53%*	9,538	*60%*	28,069	*55%*
		Selected	2,682	*8%*	667	*4%*	3,351	*7%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*
Loans from state of federal government	pay_ba_govloan	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	9,084	*26%*	5,532	*35%*	14,632	*29%*
		Selected	12,103	*35%*	4,673	*30%*	16,788	*33%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*
Loans from other sources, such as banks or the school you attended	pay_ba_othloan	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	16,833	*48%*	8,843	*56%*	25,701	*51%*
		Selected	4,354	*13%*	1,362	*9%*	5,719	*11%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*
Tuition waivers, fellowships, grants, or scholarships	pay_ba_help	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	9,950	*29%*	4,858	*31%*	14,822	*29%*
		Selected	11,237	*32%*	5,347	*34%*	16,598	*33%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Work study or assistantships	pay_ba_wkstudy	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	16,586	*48%*	7,288	*46%*	23,898	*47%*
		Selected	4,601	*13%*	2,917	*18%*	7,522	*15%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*
Earnings from employment	pay_ba_earn	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	13,143	*38%*	6,606	*42%*	19,769	*39%*
		Selected	8,044	*23%*	3,599	*23%*	11,651	*23%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*
Personal savings	pay_ba_psav	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	15,728	*45%*	8,032	*51%*	23,781	*47%*
		Selected	5,459	*16%*	2,173	*14%*	7,639	*15%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*
Other, please share	pay_ba_oth	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	20,457	*59%*	9,846	*62%*	30,327	*60%*
		Selected	730	*2%*	359	*2%*	1,093	*2%*
		Total	34,770	*100%*	15,820	*100%*	50,673	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
How much did you borrow (loans from any source that are to be repaid) to finance your bachelor's degree(s)?	pay_ba_borrow	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*37%*	5,113	*33%*	17,802	*36%*
		$0	6,951	*20%*	4,610	*30%*	11,574	*23%*
		$1-$10,000	1,155	*3%*	856	*6%*	2,014	*4%*
		$10,001-20,000	1,908	*6%*	1,017	*7%*	2,927	*6%*
		$20,001-30,000	2,511	*7%*	898	*6%*	3,411	*7%*
		$30,001-40,000	2,008	*6%*	671	*4%*	2,683	*5%*
		$40,001-50,000	1,383	*4%*	525	*3%*	1,909	*4%*
		$50,001-60,000	1,121	*3%*	384	*2%*	1,505	*3%*
		$60,001-70,000	789	*2%*	242	*2%*	1,032	*2%*
		$70,001-80,000	620	*2%*	184	*1%*	804	*2%*
		$80,001-90,000	512	*1%*	107	*1%*	619	*1%*
		$90,001 or more	1,646	*5%*	415	*3%*	2,062	*4%*
		Total	34,187	*100%*	15,524	*100%*	49,793	*100%*
How much did you still owe as of September 1, 2022 (loans from any source that are to be repaid) to finance your bachelor's degree(s)?	pay_ba_owe	*Did not receive - did not receive this degree*	949	*3%*	502	*3%*	1,451	*3%*
		Did not receive - graduated > 25 years ago	12,634	*37%*	5,113	*33%*	17,802	*36%*
		$0	11,467	*34%*	6,804	*44%*	18,287	*37%*
		$1-$10,000	1,412	*4%*	535	*3%*	1,949	*4%*
		$10,001-20,000	1,600	*5%*	510	*3%*	2,112	*4%*
		$20,001-30,000	1,646	*5%*	439	*3%*	2,088	*4%*
		$30,001-40,000	1,078	*3%*	328	*2%*	1,407	*3%*
		$40,001-50,000	755	*2%*	228	*1%*	983	*2%*
		$50,001-60,000	542	*2%*	170	*1%*	713	*1%*
		$60,001-70,000	407	*1%*	132	*1%*	539	*1%*
		$70,001-80,000	325	*1%*	120	*1%*	446	*1%*
		$80,001-90,000	281	*1%*	57	*0%*	339	*1%*
		$90,001 or more	1,022	*3%*	359	*2%*	1,382	*3%*
		Total	34,118	*100%*	15,297	*100%*	49,498	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
What resources did you use to pay for your master's degree(s)?: Select all that apply:								
Financial assistance from parents, spouse, or other relatives, not to be repaid	pay_mas_fam	Did not receive - did not receive this degree	17,657	51%	324	2%	17,981	35%
		Did not receive - graduated > 25 years ago	12,634	36%	5,113	32%	17,802	35%
		Not selected	3,283	9%	7,089	45%	10,376	20%
		Selected	1,169	3%	3,361	21%	4,532	9%
		Total	34,743	100%	15,887	100%	50,691	100%
Loans from parents or other relatives, to be repaid	pay_mas_famloan	Did not receive - did not receive this degree	17,657	51%	324	2%	17,981	35%
		Did not receive - graduated > 25 years ago	12,634	36%	5,113	32%	17,802	35%
		Not selected	4,206	12%	9,712	61%	13,924	27%
		Selected	246	1%	738	5%	984	2%
		Total	34,743	100%	15,887	100%	50,691	100%
Loans from state of federal government	pay_mas_govloan	Did not receive - did not receive this degree	17,657	51%	324	2%	17,981	35%
		Did not receive - graduated > 25 years ago	12,634	36%	5,113	32%	17,802	35%
		Not selected	2,141	6%	4,797	30%	6,940	14%
		Selected	2,311	7%	5,653	36%	7,968	16%
		Total	34,743	100%	15,887	100%	50,691	100%
Loans from other sources, such as banks or the school you attended	pay_mas_othloan	Did not receive - did not receive this degree	17,657	51%	324	2%	17,981	35%
		Did not receive - graduated > 25 years ago	12,634	36%	5,113	32%	17,802	35%
		Not selected	3,900	11%	8,845	56%	12,750	25%
		Selected	552	2%	1,605	10%	2,158	4%
		Total	34,743	100%	15,887	100%	50,691	100%
Tuition waivers, fellowships, grants, or scholarships	pay_mas_help	Did not receive - did not receive this degree	17,657	51%	324	2%	17,981	35%
		Did not receive - graduated > 25 years ago	12,634	36%	5,113	32%	17,802	35%
		Not selected	2,374	7%	4,733	30%	7,108	14%
		Selected	2,078	6%	5,717	36%	7,800	15%
		Total	34,743	100%	15,887	100%	50,691	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Work study or assistantships	pay_mas_wkstudy	*Did not receive - did not receive this degree*	17,657	*51%*	324	*2%*	17,981	*35%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	3,387	*10%*	6,885	*43%*	10,274	*20%*
		Selected	1,065	*3%*	3,565	*22%*	4,634	*9%*
		Total	34,743	*100%*	15,887	*100%*	50,691	*100%*
Earnings from employment	pay_mas_earn	*Did not receive - did not receive this degree*	17,657	*51%*	324	*2%*	17,981	*35%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	2,647	*8%*	6,354	*40%*	9,003	*18%*
		Selected	1,805	*5%*	4,096	*26%*	5,905	*12%*
		Total	34,743	*100%*	15,887	*100%*	50,691	*100%*
Personal savings	pay_mas_psav	*Did not receive - did not receive this degree*	17,657	*51%*	324	*2%*	17,981	*35%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	3,114	*9%*	7,242	*46%*	10,360	*20%*
		Selected	1,338	*4%*	3,208	*20%*	4,548	*9%*
		Total	34,743	*100%*	15,887	*100%*	50,691	*100%*
Other, please share	pay_mas_oth	*Did not receive - did not receive this degree*	17,657	*51%*	324	*2%*	17,981	*35%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	4,229	*12%*	10,104	*64%*	14,339	*28%*
		Selected	223	*1%*	346	*2%*	569	*1%*
		Total	34,743	*100%*	15,887	*100%*	50,691	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
How much did you borrow (loans from any source that are to be repaid) to finance your master's degree(s)?	pay_mas_borrow	Did not receive - did not receive this degree	17,657	51%	324	2%	17,981	36%
		Did not receive - graduated > 25 years ago	12,634	36%	5,113	33%	17,802	35%
		$0	1,691	5%	3,436	22%	5,129	10%
		$1-$10,000	215	1%	502	3%	718	1%
		$10,001-20,000	392	1%	755	5%	1,147	2%
		$20,001-30,000	388	1%	846	5%	1,234	2%
		$30,001-40,000	379	1%	864	6%	1,243	2%
		$40,001-50,000	322	1%	805	5%	1,127	2%
		$50,001-60,000	259	1%	633	4%	893	2%
		$60,001-70,000	187	1%	532	3%	719	1%
		$70,001-80,000	125	0%	395	3%	520	1%
		$80,001-90,000	99	0%	331	2%	430	1%
		$90,001 or more	335	1%	1,108	7%	1,445	3%
		Total	34,683	100%	15,644	100%	50,388	100%
How much did you still owe as of September 1, 2022 (loans from any source that are to be repaid) to finance your master's degree(s)?	pay_mas_owe	Did not receive - did not receive this degree	17,657	51%	324	2%	17,981	36%
		Did not receive - graduated > 25 years ago	12,634	37%	5,113	33%	17,802	35%
		$0	2,427	7%	5,425	35%	7,854	16%
		$1-$10,000	261	1%	484	3%	745	1%
		$10,001-20,000	299	1%	522	3%	821	2%
		$20,001-30,000	249	1%	514	3%	764	2%
		$30,001-40,000	195	1%	459	3%	655	1%
		$40,001-50,000	161	0%	433	3%	594	1%
		$50,001-60,000	138	0%	355	2%	493	1%
		$60,001-70,000	107	0%	290	2%	397	1%
		$70,001-80,000	84	0%	223	1%	307	1%
		$80,001-90,000	68	0%	208	1%	276	1%
		$90,001 or more	331	1%	1,141	7%	1,474	3%
		Total	34,611	100%	15,491	100%	50,163	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Why did you pursue your master's degree(s)? Select all that apply:								
To improve skills or knowledge in your current occupational field	why_mas_cocc	Did not receive - did not receive this degree	17657	51%	324	2%	17981	35%
		Did not receive - graduated > 25 years ago	12634	36%	5113	32%	17802	35%
		Not selected	1813	5%	3033	19%	4848	10%
		Selected	2652	8%	7422	47%	10078	20%
		Total	34,756	100%	15,892	100%	50,709	100%
To increase opportunities for promotion or advancement in your current occupational field	why_mas_adv	Did not receive - did not receive this degree	17657	51%	324	2%	17981	35%
		Did not receive - graduated > 25 years ago	12634	36%	5113	32%	17802	35%
		Not selected	1748	5%	3878	24%	5629	11%
		Selected	2717	8%	6577	41%	9297	18%
		Total	34,756	100%	15,892	100%	50,709	100%
To facilitate a change to a different occupational field	why_mas_pivot	Did not receive - did not receive this degree	17657	51%	324	2%	17981	35%
		Did not receive - graduated > 25 years ago	12634	36%	5113	32%	17802	35%
		Not selected	2734	8%	7418	47%	10154	20%
		Selected	1731	5%	3037	19%	4772	9%
		Total	34,756	100%	15,892	100%	50,709	100%
Required or expected by current or future employers	why_mas_req	Did not receive - did not receive this degree	17657	51%	324	2%	17981	35%
		Did not receive - graduated > 25 years ago	12634	36%	5113	32%	17802	35%
		Not selected	3185	9%	7611	48%	10801	21%
		Selected	1280	4%	2844	18%	4125	8%
		Total	34,756	100%	15,892	100%	50,709	100%
To start your own business	why_mas_bus	Did not receive - did not receive this degree	17657	51%	324	2%	17981	35%
		Did not receive - graduated > 25 years ago	12634	36%	5113	32%	17802	35%
		Not selected	4204	12%	9611	60%	13818	27%
		Selected	261	1%	844	5%	1108	2%
		Total	34,756	100%	15,892	100%	50,709	100%
Other	why_mas_oth	Did not receive - did not receive this degree	17657	51%	324	2%	17981	35%
		Did not receive - graduated > 25 years ago	12634	36%	5113	32%	17802	35%
		Not selected	3951	11%	9180	58%	13137	26%
		Selected	514	1%	1275	8%	1789	4%
		Total	34,756	100%	15,892	100%	50,709	100%

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
What resources did you use to pay for your doctoral degree(s)?: Select all that apply:								
Financial assistance from parents, spouse, or other relatives, not to be repaid	pay_phd_fam	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	469	*1%*	1,171	*7%*	1,640	*3%*
		Selected	157	*0%*	410	*3%*	567	*1%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*
Loans from parents or other relatives, to be repaid	pay_phd_famloan	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	600	*2%*	1,527	*10%*	2,127	*4%*
		Selected	26	*0%*	54	*0%*	80	*0%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*
Loans from state of federal government	pay_phd_govloan	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	282	*1%*	920	*6%*	1,202	*2%*
		Selected	344	*1%*	661	*4%*	1,005	*2%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*
Loans from other sources, such as banks or the school you attended	pay_phd_othloan	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	538	*2%*	1,418	*9%*	1,956	*4%*
		Selected	88	*0%*	163	*1%*	251	*0%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*
Tuition waivers, fellowships, grants, or scholarships	pay_phd_help	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	237	*1%*	390	*2%*	627	*1%*
		Selected	389	*1%*	1,191	*8%*	1,580	*3%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Work study or assistantships	pay_phd_wkstudy	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	430	*1%*	810	*5%*	1,240	*2%*
		Selected	196	*1%*	771	*5%*	967	*2%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*
Earnings from employment	pay_phd_earn	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	383	*1%*	831	*5%*	1,214	*2%*
		Selected	243	*1%*	750	*5%*	993	*2%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*
Personal savings	pay_phd_psav	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	469	*1%*	1,154	*7%*	1,623	*3%*
		Selected	157	*0%*	427	*3%*	584	*1%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*
Other, please share	pay_phd_oth	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		Not selected	610	*2%*	1,533	*10%*	2,143	*4%*
		Selected	16	*0%*	48	*0%*	64	*0%*
		Total	34,769	*100%*	15,779	*100%*	50,603	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
How much did you borrow (loans from any source that are to be repaid) to finance your doctoral degree(s)?	pay_phd_borrow	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*60%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*32%*	17,802	*35%*
		$0	256	*1%*	775	*5%*	1,031	*2%*
		$1-$10,000	17	*0%*	99	*1%*	116	*0%*
		$10,001-20,000	21	*0%*	122	*1%*	143	*0%*
		$20,001-30,000	25	*0%*	111	*1%*	136	*0%*
		$30,001-40,000	15	*0%*	85	*1%*	100	*0%*
		$40,001-50,000	22	*0%*	81	*1%*	103	*0%*
		$50,001-60,000	26	*0%*	70	*0%*	96	*0%*
		$60,001-70,000	20	*0%*	49	*0%*	69	*0%*
		$70,001-80,000	17	*0%*	23	*0%*	40	*0%*
		$80,001-90,000	17	*0%*	26	*0%*	43	*0%*
		$90,001 or more	186	*1%*	113	*1%*	299	*1%*
		Total	34,765	*100%*	15,752	*100%*	50,572	*100%*
How much did you still owe as of September 1, 2022 (loans from any source that are to be repaid) to finance your doctoral degree(s)?	pay_phd_owe	*Did not receive - did not receive this degree*	21,509	*62%*	9,085	*58%*	30,594	*61%*
		Did not receive - graduated > 25 years ago	12,634	*36%*	5,113	*33%*	17,802	*35%*
		$0	334	*1%*	1,036	*7%*	1,370	*3%*
		$1-$10,000	19	*0%*	75	*0%*	94	*0%*
		$10,001-20,000	28	*0%*	63	*0%*	91	*0%*
		$20,001-30,000	15	*0%*	57	*0%*	72	*0%*
		$30,001-40,000	17	*0%*	47	*0%*	64	*0%*
		$40,001-50,000	14	*0%*	45	*0%*	59	*0%*
		$50,001-60,000	12	*0%*	48	*0%*	60	*0%*
		$60,001-70,000	15	*0%*	25	*0%*	40	*0%*
		$70,001-80,000	10	*0%*	12	*0%*	22	*0%*
		$80,001-90,000	15	*0%*	16	*0%*	31	*0%*
		$90,001 or more	139	*0%*	103	*1%*	242	*0%*
		Total	34,761	*100%*	15,725	*100%*	50,541	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
Why did you pursue your doctoral degree(s)? Select all that apply:								
To improve skills or knowledge in your current occupational field	why_phd_cocc	*Did not receive - did not receive this degree*	21509	*62%*	9085	*58%*	30594	*60%*
		Did not receive - graduated > 25 years ago	12634	*36%*	5113	*32%*	17802	*35%*
		Not selected	290	*1%*	395	*3%*	685	*1%*
		Selected	338	*1%*	1188	*8%*	1526	*3%*
		Total	34,771	*100%*	15,781	*100%*	50,607	*100%*
To increase opportunities for promotion or advancement in your current occupational field	why_phd_adv	*Did not receive - did not receive this degree*	21509	*62%*	9085	*58%*	30594	*60%*
		Did not receive - graduated > 25 years ago	12634	*36%*	5113	*32%*	17802	*35%*
		Not selected	276	*1%*	475	*3%*	751	*1%*
		Selected	352	*1%*	1108	*7%*	1460	*3%*
		Total	34,771	*100%*	15,781	*100%*	50,607	*100%*
To facilitate a change to a different occupational field	why_phd_pivot	*Did not receive - did not receive this degree*	21509	*62%*	9085	*58%*	30594	*60%*
		Did not receive - graduated > 25 years ago	12634	*36%*	5113	*32%*	17802	*35%*
		Not selected	339	*1%*	1270	*8%*	1609	*3%*
		Selected	289	*1%*	313	*2%*	602	*1%*
		Total	34,771	*100%*	15,781	*100%*	50,607	*100%*
Required or expected by current or future employers	why_phd_req	*Did not receive - did not receive this degree*	21509	*62%*	9085	*58%*	30594	*60%*
		Did not receive - graduated > 25 years ago	12634	*36%*	5113	*32%*	17802	*35%*
		Not selected	362	*1%*	767	*5%*	1129	*2%*
		Selected	266	*1%*	816	*5%*	1082	*2%*
		Total	34,771	*100%*	15,781	*100%*	50,607	*100%*
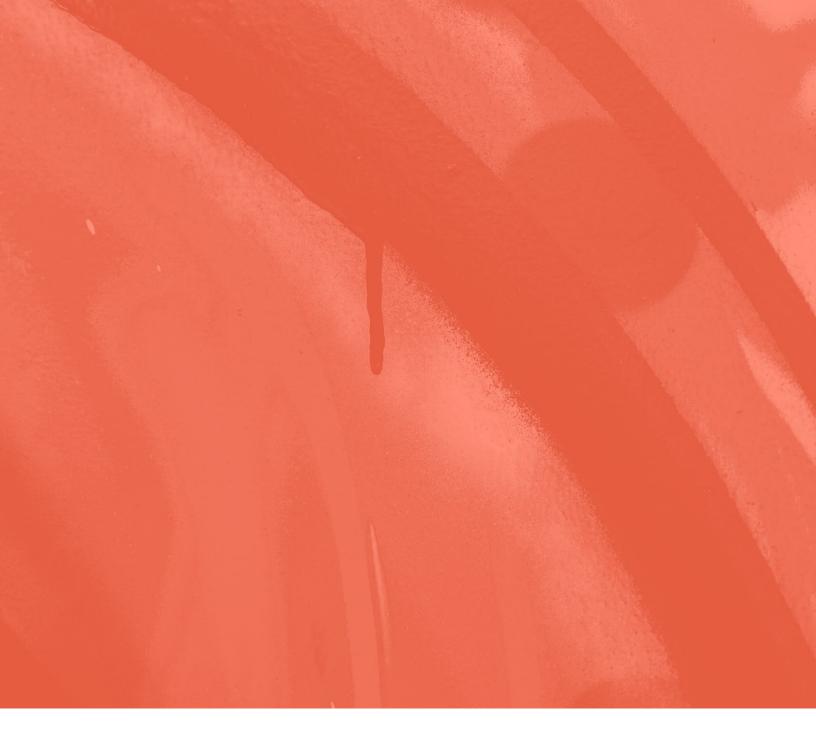
Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	%	Count	%	Count	%
To start your own business	why_phd_bus	*Did not receive - did not receive this degree*	21509	*62%*	9085	*58%*	30594	*60%*
		Did not receive - graduated > 25 years ago	12634	*36%*	5113	*32%*	17802	*35%*
		Not selected	607	*2%*	1540	*10%*	2147	*4%*
		Selected	21	*0%*	43	*0%*	64	*0%*
		Total	34,771	*100%*	15,781	*100%*	50,607	*100%*
Other	why_phd_oth	*Did not receive - did not receive this degree*	21509	*62%*	9085	*58%*	30594	*60%*
		Did not receive - graduated > 25 years ago	12634	*36%*	5113	*32%*	17802	*35%*
		Not selected	584	*2%*	1475	*9%*	2059	*4%*
		Selected	44	*0%*	108	*1%*	152	*0%*
		Total	34,771	*100%*	15,781	*100%*	50,607	*100%*
Before taxes and other deductions, what is your projected personal income for 2022? Please only consider income that you earned. Do not include spousal or partner income, or interest on jointly owned assets.	inc_p_22	$10,000 or less	2970	*9%*	1052	*7%*	4032	*8%*
		$10,001-20,000	2095	*6%*	861	*6%*	2962	*6%*
		$20,001-30,000	2559	*8%*	1042	*7%*	3607	*7%*
		$30,001-40,000	2616	*8%*	1078	*7%*	3700	*7%*
		$40,001-50,000	2857	*8%*	1145	*7%*	4009	*8%*
		$50,001-60,000	3062	*9%*	1377	*9%*	4443	*9%*
		$60,001-70,000	2542	*7%*	1355	*9%*	3901	*8%*
		$70,001-80,000	2197	*6%*	1226	*8%*	3426	*7%*
		$80,001-90,000	1680	*5%*	956	*6%*	2640	*5%*
		$90,001-100,000	1628	*5%*	909	*6%*	2538	*5%*
		$100,001-150,000	3631	*11%*	1917	*12%*	5552	*11%*
		More than $150,000	3136	*9%*	1308	*8%*	4451	*9%*
		I prefer not to answer	3123	*9%*	1391	*9%*	4532	*9%*
		Total	34,096	*100%*	15,617	*100%*	49,793	*100%*

Aggregate Report

	Variable	Response Options	Undergraduate Alumni		Graduate Alumni		All Alumni	
			Count	*%*	*Count*	*%*	*Count*	*%*
Before taxes and other deductions, what is your projected household income for 2022? Please consider the total of your income and income from a spouse or domestic partner, and any interest on jointly owned assets.	inc_hh_22	Same as personal income	4286	*13%*	1597	*10%*	5893	*12%*
		$10,000 or less	232	*1%*	116	*1%*	348	*1%*
		$10,001-20,000	608	*2%*	262	*2%*	871	*2%*
		$20,001-30,000	1046	*3%*	383	*2%*	1434	*3%*
		$30,001-40,000	1228	*4%*	503	*3%*	1733	*3%*
		$40,001-50,000	1417	*4%*	535	*3%*	1957	*4%*
		$50,001-60,000	1555	*5%*	698	*4%*	2254	*5%*
		$60,001-70,000	1556	*5%*	734	*5%*	2292	*5%*
		$70,001-80,000	1631	*5%*	778	*5%*	2412	*5%*
		$80,001-90,000	1512	*4%*	752	*5%*	2265	*5%*
		$90,001-100,000	1785	*5%*	993	*6%*	2780	*6%*
		$100,001-150,000	5480	*16%*	2890	*19%*	8382	*17%*
		More than $150,000	7623	*22%*	3674	*24%*	11308	*23%*
		I prefer not to answer	4012	*12%*	1640	*11%*	5675	*11%*
		Total	33,971	*100%*	15,555	*100%*	49,604	*100%*
Overall, what has happened to your personal income since March 2020, the time just before the pandemic started to spread across the United States?	inc_p_s20	Personal income decreased	7755	*23%*	3796	*24%*	11568	*23%*
		Personal income remained the same	12224	*36%*	6098	*39%*	18357	*37%*
		Personal income increased	13800	*41%*	5611	*36%*	19436	*39%*
		Total	33,779	*100%*	15,505	*100%*	49,361	*100%*
Overall, what has happened to your household income since March 2020, the time just before the pandemic started to spread across the United States?	inc_hh_s20	Household income decreased	7437	*22%*	3629	*23%*	11081	*23%*
		Household income remained the same	12757	*38%*	6116	*40%*	18912	*38%*
		Household income increased	13477	*40%*	5724	*37%*	19222	*39%*
		Total	33,671	*100%*	15,469	*100%*	49,215	*100%*

Resources for Participating Institutions (Bulletin & FAQs)

Bulletin

Subject: Encouraging Participation in SNAAP: Using SNAAP IRB-Approved Promotional Text Messages

Dear {contact1firstName},
Now that the 2022 SNAAP Survey has been delivered to all of your arts alumni with a valid email address, **it is important to continually remind your alumni to take the survey through November 28 (date survey closes).** Our records indicate many of your alumni have received their survey invitation but have not yet completed it. We strongly recommend you communicate directly with your alumni to encourage them to participate.

Text Messages (*New!):
If you have permission to text your alumni, and would be interested in texting alumni with a link to the SNAAP survey, please email me at leeann@ snaaparts.org. SNAAP will provide you with an updated list of alumni who have not yet taken the survey. Please see guidelines and instructions for using promotional text messages here.

Email & Social Media:
Another strategy for promoting the survey is by posting on social media or emailing alumni. Feel free to use the text below in a social media post or email to your alumni. You may edit this text as you see fit.

You may have received a survey invitation from the Strategic National Arts Alumni Project (SNAAP) in your inbox last week. SNAAP is a national survey of arts graduates. OUR SCHOOL is partnering with SNAAP to learn more about your educational and career experiences. The insights you share will help shape programs for students at OUR SCHOOL and in arts higher education nationwide. Visit SNAAP's website to read more about how the survey benefits the field of arts education.

We recommend that you post this message or a similar message in the next few days. For Twitter posts, you can tag @SnaapArts; for LinkedIn, tag Strategic National Arts Alumni Project (SNAAP); for Facebook, tag @SNAAP.Arts.

If you have any questions, please reply to this message.
Best wishes,
Lee Ann

FAQ

SNAAP recognizes there may be interest in using text messages to encourage survey completion and general awareness of the project. Please follow the below guidelines to ensure you are complying with best practices and IRB guidelines around texting alumni.

1. Participating Institutions should consult their legal and privacy experts to ensure compliance with federal and state laws (including the TCPA and CAN-SPAM Act, where applicable) **before** initiating any text message recruitment efforts to promote SNAAP.

2. Participating Institutions need explicit **permission** from alumni in order to text them.

3. Participating Institutions cannot embed unique survey links within texts, but can encourage students to use snaapartssurvey.org to access their survey with their email address.

4. SNAAP requires that all text messages clearly explain that the Participating Institution is sending the text message, not SNAAP.

5. By participating in the project, Participating Institutions acknowledge and agree that SNAAP is not responsible for any complaints or liabilities that may arise from Participating Institutions' text messaging practices.

SNAAP TEXT MESSAGE INSTRUCTIONS

If your institution would like to move forward with promoting participation in SNAAP to your alumni via text, please follow the instructions below.

1. Contact SNAAP at leeann@snnaaparts.org so that we can provide you with download access to your most up-to-date alumni population file.

   • **Important note:** Do not text alumni until you have received the most up-to-date file from SNAAP to ensure alumni who have already completed the survey are not asked to take it again.

2. Cross-reference the file with your institution's alumni records to identify phone numbers for alumni whom you have permission to text.

- **Important note:** Please send text messages within 48 hours of down-loading the file to ensure that alumni who have already completed the survey are not asked to take it again..

3. Upload alumni phone numbers into your institutional texting platform/software.

4. Use this message to promote the SNAAP survey via text message. You may edit the sentence highlighted in yellow with your preferred messaging. You must include the text that is not highlighted in yellow in your text message:

   - **Take the SNAAP survey to help shape programs for students at OUR SCHOOL and in arts higher education nationwide.** Check your email for a link to the survey. Alternatively, go to snaapartssurvey.org and provide your email address to access SNAAP. Questions? Contact SCHOOL EMAIL

   - This text message has been sent by OUR SCHOOL, not SNAAP.

5. You may send additional text messages leading up to Nov. 28th (date survey closes), but please contact SNAAP each time so we can provide you with the most up-to-date alumni file.

   - **Important note:** Please inform SNAAP immediately if you receive text responses from alumni requesting to be removed so that we can remove them from the subsequent survey email reminders. We will include a unique alumniID value in the up-to-date alumni population file we pro-vide you; use that when informing us of any opt-outs.

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