

NIH COVID-19 Impact on Extramural Researchers Survey Supplemental Frequency Tables

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Prepared for the NIH Chief Officer for Scientific Workforce Diversity

Prepared by Deloitte

NIH COVID-19 Impact on Extramural Researchers Survey

Supplemental Frequency Tables

This document summarizes the frequencies for all questions in the 2020 National Institutes of Health (NIH) COVID-19 Impact on Extramural Researchers Survey. The survey was fielded between October 14 and November 13, 2020, to 234,254 participants who identified as having a scientific role and had logged into eRA Commons within two years prior to the survey. A total of 45,348 responses were received for a 19% response rate. The survey was administered using the Qualtrics survey platform.

During the survey, respondents were asked about their work and household/caretaking status, access to research resources, research productivity, anticipated impact of the pandemic on their career, the institutional support they have received, as well as factors impacting job satisfaction and mental health. When possible, survey measures were based on validated survey items or scales. However, some measures were modified or revised based on the target population and the survey goals.

Prior to fielding, selected questions from the NIH COVID-19 Impact on Extramural Researchers Survey underwent cognitive testing with 9 researchers to test understanding and identify areas for improvement. Pilot testing of the questionnaire was then conducted with 150 additional researchers. Survey items were revised based on cognitive testing and pilot testing feedback prior to fielding the survey with all participants beginning October 2020.

How to Use this Document

Following the conclusion of survey fielding, a series of comprehensive reports were created based on the analyses of survey results. To complement these reports, the Supplemental Frequency Tables within this document include the number (i.e., frequency) of survey respondents selecting each response option. Respondents were given the option to skip any question on the survey. The purpose of the supplemental tables is to provide additional context to the survey findings and support the NIH in potential future administrations of the survey instrument.

All survey questions are presented in this document in the order and format they were administered to respondents when the survey was fielded in 2020.

Table Format:

[question #] [survey question text]

[frequency] [response option]

[frequency] [response option]

Q1. Is the research conducted where you work funded by NIH?

21,927	Yes, I receive funding directly from NIH
16,399	Yes, I receive funding from NIH through my PI/PD
3,236	Yes, I receive funding directly from NIH and through my PI/PD
3,734	No
1,298	Don't know
51	No response

Q2 is displayed only if Q1 = No OR Don't know

Q2. This survey is intended for those conducting research funded by NIH. Please indicate below if you would like to participate in the survey.***Q3. Are you currently a Building Interdisciplinary Research Careers in Women's Health (BIRCWH) scholar?**

307	Yes
46,279	No
59	No response

Q4. Which of the following best describes the organization for which you work?

37,857	Academic
484	Government
246	Industry
1,356	Nonprofit
2,382	Clinical/hospital/medical center
4,024	Medical center affiliated with a university
281	Other (please specify)
15	No response

Q5. Is the institution you are currently affiliated with based in the United States? *If you are affiliated with multiple institutions, please refer to the primary institution for which you are conducting NIH-funded research.*

45,117	Yes
621	No [END SURVEY]
1,528	No response

* Question 2 received 4,204 responses before a decision was made during fielding to remove it from the questionnaire.

Q5a. Which state/territory is the institution you are currently affiliated located in?

Drop-down list of states and territories

591	Alabama
57	Alaska
574	Arizona
180	Arkansas
5,343	California
1,068	Colorado
993	Connecticut
177	Delaware
1,256	Florida
1,129	Georgia
93	Hawaii
113	Idaho
1,688	Illinois
739	Indiana
472	Iowa
325	Kansas
444	Kentucky
381	Louisiana
121	Maine
1,658	Maryland
3,497	Massachusetts
1,561	Michigan
1,061	Minnesota
166	Mississippi
843	Missouri
133	Montana
296	Nebraska
140	Nevada
178	New Hampshire
637	New Jersey
233	New Mexico
3,830	New York
1,812	North Carolina
80	North Dakota
1,536	Ohio
267	Oklahoma
756	Oregon
2,781	Pennsylvania
435	Rhode Island
450	South Carolina
66	South Dakota
989	Tennessee
2,848	Texas
590	Utah
130	Vermont

809	Virginia
1,275	Washington
142	West Virginia
938	Wisconsin
52	Wyoming
183	Puerto Rico
15	Guam
21	Other
<10	American Samoa
<10	Northern Mariana Islands
<10	U.S. Virgin Islands
391	Washington D.C.
92	No response

A selection box will appear with institutions in the corresponding state/territory selected in Q5a
Q5b-1. to Q5b-53. Which institutions are you currently affiliated with? If multiple, please select the primary institution for which you are conducting NIH-funded research.

Drop-down list of institutions

Frequencies for Q5b-1 to Q5b-53 are not displayed due to the large number of answer choices.

Q5c is displayed only if (Q5a = American Samoa OR Northern Mariana Islands OR U.S. Virgin Islands OR Other) OR if (Q5b = None of the above)

Q5c. Please specify the institution you are currently affiliated with. If multiple, please enter the primary institution for which you are conducting NIH-funded research. OPEN END

Frequencies for Q5c are not displayed due to the large number of answer choices.

Q6 is displayed only if Q4 = Academic

Q6. Which description best describes your career stage?

958	Undergraduate student
7,011	Graduate student (non-medical)
178	Medical student
5,461	Postdoctoral fellow
6,564	Faculty (tenure/tenure-track/non-tenure): 0–6 years after last postdoctoral fellowship position
6,239	Faculty (tenure/tenure-track/non-tenure): 7–14 years after last postdoctoral fellowship position
8,686	Faculty (tenure/tenure-track/non-tenure): 15+ years after last postdoctoral fellowship position
749	Researcher, not faculty: 0–6 years after last postdoctoral fellowship position
420	Researcher, not faculty: 7–14 years after last postdoctoral fellowship position
398	Researcher, not faculty: 15+ years after last postdoctoral fellowship position
528	Staff or administrator (not faculty, not researcher)
638	Other (please specify)

Q6a is displayed only if Q4 = Clinical/hospital/medical center OR Medical center affiliated with a university

Q6a. Which description best describes your career stage?

343	Graduate student (non-medical)
56	Medical student
34	Resident
1,113	Postdoctoral fellow
1,064	Faculty (tenure/tenure-track/non-tenure): 0–6 years after residency/last postdoctoral fellowship position
1,028	Faculty (tenure/tenure-track/non-tenure): 7–14 years after residency/last postdoctoral fellowship position
1,928	Faculty (tenure/tenure-track/non-tenure): 15+ years after residency/last postdoctoral fellowship position
221	Researcher, not faculty: 0–6 years after residency/last postdoctoral fellowship position
112	Researcher, not faculty: 7–14 years after residency/last postdoctoral fellowship position
117	Researcher, not faculty: 15+ years after residency/last postdoctoral fellowship position
175	Staff or administrator (not faculty, not researcher)
210	Other (please specify)

Q6b is displayed only if Q4 = Government OR Industry OR Nonprofit OR Other

Q6b. Which description best describes your career stage?

590	Researcher: 0–6 years after last postdoctoral fellowship position
237	Researcher: 0–6 years after last advanced degree (no postdoctoral fellowship)
319	Researcher: 7–14 years after last postdoctoral fellowship position
128	Researcher: 7–14 years after last advanced degree (no postdoctoral fellowship)
386	Researcher: 15+ years after last postdoctoral fellowship position
302	Researcher: 15+ years after last advanced degree (no postdoctoral fellowship)
248	Staff or administrator (not faculty, not researcher)
148	Other (please specify)

Q7. How would you describe the type of research you conduct? Please select all that apply.

11,143	Clinical research
5,867	Computational research
6,295	Epidemiologic or public health research
30,228	Laboratory-based research
3,672	Sociological or community-based research
1,659	Other (please specify)
94	No response

Carry forward choices from Q7 if the number selected is greater than 1; the respondent's answer choices only include what they selected in Q7.

Q8. Of the type of research you conduct, which would you say is your *primary* focus?

2,181	Clinical research
1,171	Computational research
1,256	Epidemiologic or public health research
3,476	Laboratory-based research
674	Sociological or community-based research
460	Other (please specify)

Q9. What is your current employment status, at the time of taking this survey?

43,055	Full-time
2,617	Part-time (working less than standard hours as defined by your employer)
24	Furloughed (mandatory leave of absence) with pay
150	Furloughed (mandatory leave of absence) with reduced or no pay
224	Retired
502	Unemployed
73	No response

Q10. Has your current employment status been impacted by the COVID-19 pandemic?

3,809	I am under-employed due to the COVID-19 pandemic (e.g., not being paid a full salary or not being able to work as much as desired, but not on mandatory leave)
594	I was put on mandatory leave due to the COVID-19 pandemic
310	An employment offer was rescinded due to the COVID-19 pandemic
41,271	I am unemployed due to the COVID-19 pandemic
213	My employment status has not been impacted
448	No response

Q11 is displayed only if Q2 = Academic AND Q6 = Faculty

Q11. What is your title/role? Please select *all* that apply.

69	Dean
378	Associate Dean
673	Department Chair
448	Division Chief
1,026	Program Director
7,133	Full Professor
5,544	Associate Professor
7,045	Assistant Professor
109	Professor E
118	Adjunct Professor
19	Visiting Professor
432	Instructor
52	Lecturer
19	Support staff
763	Other (please specify)
15	Not applicable

Q12 is displayed only if Q2 = Academic AND Q6 = Faculty

Q12. What is your current status regarding tenure?

10,085	I have tenure
6,063	I am on a tenure-track
4,430	I am not on a tenure-track
709	Not applicable

Q13. Which of the following best describes your field of study? Please select all that apply.

17,833	Biological Science
4,961	Biomedical Engineering and Biophysics
5,269	Clinical Sciences
2,623	Data Science
765	Education
2,942	Epidemiology
5,773	Genetics and Genomics
4,513	Immunology
2,433	Mathematical/Computational/Statistics
4,061	Microbiology and Infection Diseases
8,292	Neuroscience
2,292	Pharmacology
1,448	Physical Science
3,671	Psychology
1,163	Psychiatry
3,964	Public Health
3,043	Social and Behavioral Science (other than Psychology)
1,626	Virology
3,734	Other (please specify)
154	No response

Q13a. From which Institute, Center, or Office do you receive funding? Please select all that apply.

5,094	NCI: National Cancer Institute, Center for Cancer Research
391	NCI: National Cancer Institute, Division of Cancer Epidemiology and Genetics
917	NCI: not in Center for Cancer Research or Division of Cancer Epidemiology and Genetics
1,161	NEI: National Eye Institute
4,728	NHLBI: National Heart, Lung, and Blood Institute
642	NHGRI: National Human Genome Research Institute
3,683	NIA: National Institute on Aging
1,002	NIAAA: National Institute on Alcohol Abuse and Alcoholism
4,685	NIAID: National Institute of Allergy and Infectious Diseases
1,148	NIAMS: National Institute of Arthritis and Musculoskeletal and Skin Diseases
1,079	NIBIB: National Institute of Biomedical Imaging and Bioengineering
3,091	NICHD: National Institute of Child Health and Human Development
980	NIDCD: National Institute on Deafness and Other Communication Disorders
771	NIDCR: National Institute of Dental and Craniofacial Research
3,146	NIDDK: National Institute of Diabetes and Digestive and Kidney Diseases
2,052	NIDA: National Institute on Drug Abuse
1,125	NIEHS: National Institute of Environmental Health Sciences
5,641	NIGMS: National Institute of General Medical Sciences
3,099	NIMH: National Institute of Mental Health
891	NIMHD: National Institute on Minority Health and Health Disparities
3,394	NINDS: National Institute of Neurological Disorders and Stroke
517	NINR: National Institute of Nursing Research
246	NLM: National Library of Medicine
189	CC: NIH Clinical Center
12	CIT: Center for Information Technology
30	CSR: Center for Scientific Review
239	FIC: Fogarty International Center
914	NCATS: National Center for Advancing Translational Sciences
333	NCCIH: National Center for Complementary and Integrative Health
791	OD: Office of the Director
8,496	No response

Q14. Have you experienced any of the following forms of harassment or discrimination related to your position since the pandemic began? Please select all that apply.

1,558	Gender harassment
185	Other forms of sexual harassment
1,657	Racial, ethnic, or nationality-based discrimination
244	Disability discrimination
1,361	General harassment
552	Other (please specify)
39,457	None EXCLUSIVE
2,418	Prefer not to answer EXCLUSIVE
452	No response

Q15 is displayed only if Q14 ≠ None OR Prefer not to answer

Q15. Regarding the experience of harassment or discrimination since the pandemic began, did you do any of the following? Please select all that apply.

1,123	Talk to your supervisor or manager
417	Talk to someone at Human Resources or similar function in your organization
485	Talk to someone at a designated office within your organization
508	Talk to someone in an external organization
2,274	Talk to a co-worker or peer
2,876	Talk to a friend or family member
589	None of the above
1,123	Talk to your supervisor or manager

Q16. Do you have caretaking responsibilities for individuals who live in your household and/or family members who do not live with you?

20,973	Yes
24,687	No
918	Prefer not to answer
67	No response

Q17 is displayed only if Q16 = Yes

Q17. For whom do you provide care? Please select all that apply.

7,632	Children under 5
9,330	Children 5-12
5,177	Children 13-18
659	Disabled dependents
3,639	Elderly dependents
642	Ill dependents
876	Other dependents (please specify)
387	Prefer not to answer

Q18 is displayed only if Q16 = Yes

Q18. For how many people do you provide care?

7,713	1
8,941	2
4,000	3 or more
241	Prefer not to answer

Q19 is displayed only if Q16 = Yes

Q19. Which of the following is closest to your situation over the past 3 months?

1,773	I am the primary caregiver without a secondary caregiver
7,795	I am the primary caregiver with a secondary caregiver (e.g., partner, spouse)
2,079	Someone else is the primary caregiver
8,856	I share caregiving responsibilities evenly with someone else (e.g., partner, spouse)

Q20 is displayed only if Q16 = Yes

Q20. Have your caretaking responsibilities, including any supervision of educational activities for school-aged children, made it more difficult to complete your work responsibilities?

9,552	Yes, it has made it substantially more difficult
8,405	Yes, it has made it somewhat more difficult
2,838	It has had no impact

Q21 is displayed only if Q16 = Yes

Q21. Have you paid for caregiving help in the past 3 months (e.g., nanny, daycare, nurse, tutor, babysitter)?

8,464	Yes
12,366	No

Q22 is displayed only if Q21 = Yes

Q22. Which of the following is closest to your situation? In the past 3 months, my family or I have paid for caregiving help (e.g., nanny, daycare, nurse, tutor, babysitter)...

4,016	On a full-time basis (approx. 40 hours or more per week)
2,096	On a part-time basis (approx. 20 hours per week)
2,182	On an ad hoc basis (less than 20 hours per week or as needed)
160	Prefer not to answer

Q23. Including yourself, do you consider anyone in your household to be at increased risk of severe COVID-19 illness? (*Individuals are at a higher risk for severe illness if they are 65 and over, and/or have serious heart conditions, high blood pressure, obesity with a BMI of 30 or more, chronic kidney disease, type 2 diabetes, or an immunocompromised condition.*)

17,338	Yes
27,117	No
1,571	Don't know
546	Prefer not to answer
73	No response

Q24. Since March 2020, have you lost access to any of the following resources? Please select all that apply.

15,763	Specialized equipment (e.g., autoclave, thermocycler, DNA sequencing equipment, mass spectrometers, surgical instruments, psychophysiology instruments, MRI machines)
12,657	Time-sensitive specimens (e.g., tissue, blood, live animals)
15,221	Human subjects
9,299	Data (e.g., due to bandwidth issues, remote access restrictions)
22,701	Expertise (e.g. due to absence of in-person journal clubs, discussions, conferences)
16,752	Collaborators (e.g. due to absence of available community partnerships)
29,787	Access to facilities/lab spaces
17,857	Research staff
2,140	Other (please specify)
4,562	I have not lost access to research resources EXCLUSIVE
506	No response

Q25. On average, how would you rate your overall research productivity since the pandemic began in March? *Research productivity includes submitting grant applications, publishing papers, collecting data, etc.*

35,999	Lower than normal
7,271	No change
3,045	Higher than normal
330	No response

Q26. Which, if any, of these factors have had a *substantially negative impact* on your productivity since the pandemic began? Please select all that apply. **RANDOM ROTATE**

19,157	My personal mental health and/or physical health
15,826	The physical or mental health of family, household members, or close friends
6,611	Finances
13,761	Caretaking responsibilities and/or responsibilities related to school/daycare closures
12,147	Teleworking
19,580	Changes in life priorities or in work-life balance
14,901	Connections with family and friends (at home or virtually)
2,603	Increased sense of meaning through my work mission
7,030	Expectations of my supervisor or co-workers regarding my productivity
22,557	Changes in laboratory and/or animal facility access
9,368	Changes in clinical research subject accrual or visits
8,768	Availability of data for analyses
20,115	My research was put on hold
6,156	IT infrastructure and/or support
24,399	Virtual instead of in-person interactions with my trainees, mentors, or supervisors
5,017	Visa considerations
22,784	Cancellation of in-person regional, national, and/or international conferences
21,410	Uncertainty about timeline for return to the physical workplace
15,128	Social and/or political events
1,994	Gender/racial/ethnic/nationality-based discrimination or harassment
11,838	Time for role-related reading, planning, writing
10,676	Virtual seminars, courses, and/or career development events
5,827	Involvement in SARS-CoV-2 research or planning
2,525	Other (please specify)
1,224	None of the above EXCLUSIVE
744	No response

Q27. Which, if any, of the following have had a *substantially positive impact* on your productivity since the pandemic began? Please select all that apply. RANDOM ROTATE

2,154	My personal mental health and/or physical health
1,027	The physical or mental health of family, household members, or close friends
1,544	Finances
529	Caretaking responsibilities and/or responsibilities related to school/daycare closures
10,599	Teleworking
6,060	Changes in life priorities or in work-life balance
7,284	Connections with family and friends (at home or virtually)
6,385	Increased sense of meaning through my work mission
4,101	Expectations of my supervisor or co-workers regarding my productivity
814	Changes in laboratory and/or animal facility access
356	Changes in clinical research subject accrual or visits
3,326	Availability of data for analyses
697	My research was put on hold
3,420	IT infrastructure and/or support
4,988	Virtual instead of in-person interactions with my trainees, mentors, or supervisors
273	Visa considerations
3,659	Cancellation of in-person regional, national, and/or international conferences
644	Uncertainty about timeline for return to the physical workplace
716	Social and/or political events
140	Gender/racial/ethnic/nationality-based discrimination or harassment
8,499	Time for role-related reading, planning, writing
10,737	Virtual seminars, courses, and/or career development events
3,784	Involvement in SARS-CoV-2 research or planning
1,081	Other (please specify)
9,022	None of the above EXCLUSIVE
4,426	No response

Q28. Overall, how would you say COVID-19 has impacted your research-related activities, if at all? RANDOM ROTATE NEGATIVELY AND POSITIVELY

38,969	They have been negatively impacted
2,292	They have been positively impacted
4,433	No impact
951	No response

Q29 is displayed only if Q28 = Negatively impacted

Q29. Which, if any, of the following factors resulting from COVID-19 have negatively impacted or are currently negatively impacting your research? Please select all that apply.

13,752	Reduced communication with supervisor and/or institutional leadership
19,762	Reduced access to core facilities
23,316	Reduced access to laboratory
13,419	Reduced access to clinic/human research subjects
9,578	Reduced access to experimental animals
14,861	Reduced access to supplies
26,086	Reduced access to team members/colleagues due to virtual environment
15,650	Reduced access to collaborators at other sites due to virtual environment
9,743	Reduced access to mentors due to virtual environment
6,388	Change in graduation or career timeline
14,725	Personal/mental health challenges
18,296	Concern for the health of family members, friends, or community members
11,936	Less time to conduct research due to caregiving responsibilities
9,758	Decreased attention on area of research
5,745	Decreased funding for area of research
17,019	Inability to focus on research due to changed working environment
1,905	Other (please specify)
138	None of the above EXCLUSIVE

Q30 is displayed only if Q28 = Positively impacted

Q30. Which, if any, of the following factors resulting from COVID-19 have positively impacted or are currently positively impacting your research? Please select all that apply.

617	Change in communication with supervisor and/or institutional leadership
113	Changes in access to core facilities
180	Changes in access to laboratory
188	Changes in access to clinic/human research subjects
49	Changes in access to experimental animals
81	Changes in access to supplies
882	Changes in communication with team members/colleagues due to virtual environment
660	Changes in communication with collaborators at other sites due to virtual environment
409	Changes in communication with mentors due to virtual environment
117	Change in graduation or career timeline
648	Awareness or attention to personal/mental health
435	Awareness or attention to the health of family members, friends, or community members
97	Changes in amount of time to conduct research due to caregiving responsibilities
1,186	Increased attention on area of research
527	Increased funding for area of research
1,175	Ability to focus on research due to changed working environment
209	Other (please specify)
49	None of the above EXCLUSIVE

Since the pandemic began, please indicate whether you are spending comparatively more, less, or the same amount of time on the following activities:

Q31. Administrative activities (including virtual administrative meetings)

4,078	Less than normal
14,725	No change
22,721	More than normal
2,887	Not applicable
2,234	No response

Q32. Career development (taking courses, learning new skills, working on resume or applications, applying for jobs, etc.)

14,323	Less than normal
17,787	No change
8,490	More than normal
3,766	Not applicable
2,279	No response

Q33. Clinical patient care or support for clinical patient care activities

3,147	Less than normal
7,221	No change
3,123	More than normal
30,588	Not applicable
2,566	No response

Q34. Clinical research or support for clinical research activities

8,717	Less than normal
7,669	No change
2,496	More than normal
25,120	Not applicable
2,643	No response

Q35. Data analyses or computational research

8,107	Less than normal
18,834	No change
14,819	More than normal
2,426	Not applicable
2,459	No response

Q36. Information technology-related tasks or support (e.g., setting up Zoom)

944	Less than normal
7,375	No change
34,036	More than normal
1,768	Not applicable
2,522	No response

Q37. Laboratory or animal research or support for these activities

18,317	Less than normal
8,719	No change
2,264	More than normal
14,708	Not applicable
2,637	No response

Q38. Reading or reviewing scientific or medical papers, websites, or other content

9,107	Less than normal
18,705	No change
15,810	More than normal
585	Not applicable
2,438	No response

Q39. Mentoring or supervising trainees or other staff

15,826	Less than normal
14,322	No change
10,410	More than normal
3,740	Not applicable
2,347	No response

Q40. Receiving mentorship or supervision

18,026	Less than normal
16,528	No change
1,806	More than normal
7,564	Not applicable
2,721	No response

Q41. Scientific or medical meeting participation (including virtual meetings)

25,962	Less than normal
9,518	No change
7,464	More than normal
1,303	Not applicable
2,398	No response

Q42. Writing research papers, review articles, grants, or protocols

11,386	Less than normal
17,258	No change
14,816	More than normal
860	Not applicable
2,325	No response

As a result of changes in your workplace due to COVID-19, to what extent are you concerned about the following, if at all?

Q43. Losing my job or becoming under-employed

5,704	Very concerned
13,364	Somewhat concerned
22,772	Not concerned
2,397	Not applicable
2408	No response

Q44. The impact of returning to the physical workplace on my/my family's health

10,230	Very concerned
19,472	Somewhat concerned
12,754	Not concerned
1,795	Not applicable
2394	No response

Q45. The impact of COVID-19 on the longevity of my organization

7,051	Very concerned
15,669	Somewhat concerned
20,239	Not concerned
1,305	Not applicable
2381	No response

Q46. The impact of COVID-19 on the work/mission of my organization

8,465	Very concerned
18,511	Somewhat concerned
16,399	Not concerned
932	Not applicable
2338	No response

Q47. Has the COVID-19 pandemic negatively impacted your ability to apply for grants?

16,628	Yes
14,771	No
7,661	Not sure
5,399	Not applicable
2,186	No response

Q48. Has the COVID-19 pandemic negatively impacted your ability to access grant funding awarded after March 1, 2020?

6,287	Yes
17,891	No
7,603	Not sure
12,665	Not applicable
2,199	No response

Q49. Has the COVID-19 pandemic negatively impacted your ability to access grant funding awarded before March 1, 2020?

4,269	Yes
25,061	No
6,022	Not sure
9,067	Not applicable
2,226	No response

Q50. To what extent do you agree or disagree with the following statement? The pandemic will probably have a negative impact on my career trajectory.

9,216	Strongly agree
15,437	Agree
13,592	Neither agree nor disagree
5,095	Disagree
1,136	Strongly disagree
2,169	No response

Q50a is displayed only if Q50 = Strongly agree OR Agree

Q50a. In what ways do you think the pandemic will negatively impact your career?

OPEN END

19,575	Total response
27,070	No response

Q51 is displayed only if Q6 = Graduate student OR Undergraduate student OR Medical student

Q51. Have you discussed changes in your personal educational plans with your immediate supervisor since the beginning of the pandemic?

3,990	Yes
3,242	No
270	Prefer not to answer

Q52 is displayed only if Q6 = Graduate student OR Undergraduate student OR Medical student OR Post-doc

Q52. Have you discussed changes in your career development plans with your immediate supervisor since the beginning of the pandemic?

5,879	Yes
6,207	No
575	Prefer not to answer

Q53 is displayed only if Q6 = Faculty OR Researcher OR Post-doc

Q53. Have you discussed changes in your research plans with your immediate supervisor since the beginning of the pandemic?

12,525	Yes
9,102	No
5,027	Not applicable
706	Prefer not to answer

Q54 is displayed only if (Q6 = Faculty) AND (Q12 = On a tenure track OR Not on a tenure track)

Q54. Have you discussed changes in your career development plans with your immediate supervisor since the beginning of the pandemic?

3,946	Yes
4,566	No
1,309	Not applicable
261	Prefer not to answer

Q55-57 are displayed only if Q4 = Academic AND Q6 = Faculty

Q55. In your opinion, what would be the best approach for promotion/tenure reviews in the context of the pandemic?

1,820	Keep all reviews on schedule
2,541	Delay all reviews by a set amount of time
8,721	Allow investigators to “opt in” to reviews on schedule; otherwise, delay by a set amount of time
6,529	Allow investigators to “opt out” of reviews on schedule and request a delay based on individual circumstances
1,027	Not applicable

Q56 is displayed only if (Q12 = Tenure-track OR Tenured OR Not on a tenure track) AND (Q11 ≠ Full Professor)

Q56. What impact do you expect that the extended telework will have on your progress toward promotion/tenure?

220	Positive impact
719	Somewhat positive impact
2,511	No impact
4,846	Somewhat negative impact
3,306	Negative impact
1,565	Not applicable

Q57 is displayed only if (Q12 = Tenure-track OR Tenured) AND (Q11 ≠ Full Professor)

Q57. Has your supervisor discussed the possibility of adjusting the timeline for your promotion/tenure reviews?

337	Yes, I have requested an extension but have not received word
61	Yes, but my request for an extension was denied
2,016	Yes, and my request for an extension was granted
4,380	No
2,396	Not applicable
386	Prefer not to answer

Q58. Has your institution put in place accommodations to account for lost research time?

11,358	Yes
15,626	No
15,304	Don't know
1,694	Not applicable
2,633	No response

Q59. To what extent do you agree or disagree with the following statement? My organization is effectively managing the impact of COVID-19 on the workforce.

6,786	Strongly agree
19,279	Agree
10,167	Neither agree nor disagree
5,873	Disagree
1,889	Strongly disagree
2,651	No response

Q60. In your opinion, what can your institution do to improve how they are handling things?

OPEN END

17,180	Total responses
29,465	No response

Q61 is displayed only if Q60 was answered.

Q61. Which of the following categories best describe the topic of your comment? Please select *all* that apply.

4,951	Communications
6,481	Productivity
3,782	Work-life balance
5,131	Returning to the physical workplace
5,086	Managing transmission of COVID-19 at the organization
1,878	Integrity/ethics
4,696	The work itself (e.g., research, attending conferences, writing and applying for grants, writing and editing articles)
2,006	None of the above

Q62. Thinking about the last 30 days, what has been the status of your institution concerning on-site researchers and research activities as a result of COVID-19?

6,378	My institution has been open at full or close-to-full capacity to on-site researchers and research activities
15,279	My institution has been open at reduced capacity to all on-site researchers and research activities
14,594	My institution has been open at full or close-to-full capacity for some researchers and reduced capacity for others
820	My institution has been open at reduced capacity for some on-site researchers and research activities, with other research continuing to take place remotely/off-site
6,367	My institution has been completely closed to on-site researchers/research activities, but research continues to take place remotely/off-site
3,207	No response

Q63. At the time of taking this survey, are you exempt from the closure and allowed to travel to your work site(s)?

23,755	Yes
6,188	No
10,207	Partially exempt
3,296	Not applicable
3,199	No response

Q64 is displayed only if Q63 = Yes

Q64. Which of the following best describes the primary type of work you are conducting given your exemption to travel to your work site?

2,184	Clinical care or clinical support
4,622	Laboratory/IT maintenance, or animal care activities
1,083	COVID-19 research activities
11,448	Non-COVID-19 research activities
1,024	Administrative activities
1,271	Teaching
640	Other (please specify)
1,243	Not applicable – I am still working remotely by choice

Q65. How supportive has your organization been in helping you to remain productive thus far during the COVID-19 pandemic?

5,323	Extremely supportive
13,738	Very supportive
15,386	Moderately supportive
6,589	Slightly supportive
2,562	Not supportive at all
3,047	No response

Q66 is displayed only if Q65 = Slightly supportive OR Not supportive at all

Q66. What steps should your organization take that will make you feel more supported?

OPEN END

4,329	Total responses
42,316	No response

Q67. Which of the following most closely reflects your communications with your supervisor regarding your workplace status?

27,597	We agree about my return to the workplace
2,111	My supervisor does not fully accept my concerns or fears regarding my return to the workplace (e.g., I feel I am expected to return to the workplace when I do not feel comfortable doing so)
385	I wish to return to the workplace, but my supervisor is not supporting my return
5,750	We have not discussed my return-to-workplace status
1,922	Other (please specify)
5,382	Not applicable – I don't have a supervisor
3,498	No response

How effective were those communications in imparting useful information? Communications received from...

Q68. NIH

5,219	Very effective
13,951	Somewhat effective
5,548	Not very effective
1,977	Not effective at all
14,482	Not applicable
5,468	No response

Q69. Your organization's leadership/Office of the President

12,835	Very effective
20,306	Somewhat effective
5,832	Not very effective
2,142	Not effective at all
1,641	Not applicable
3,889	No response

Q70. Your department, branch or division, or equivalent

14,944	Very effective
18,695	Somewhat effective
4,742	Not very effective
2,031	Not effective at all
2,516	Not applicable
3,717	No response

To what extent do you agree or disagree with the following statements?

Q71. I have received support from my organization in balancing my work and personal responsibilities during the COVID-19 pandemic.

5,650	Strongly agree
15,093	Agree
12,229	Neither agree nor disagree
7,398	Disagree
2,429	Strongly disagree
3,846	No response

Q72. While working remotely, I have felt sufficiently connected with my organization.

5,108	Strongly agree
16,345	Agree
9,932	Neither agree nor disagree
9,101	Disagree
2,190	Strongly disagree
3,969	No response

Q73. Have you used any of the following resources at your institution to help deal with stress or mental health since the beginning of the pandemic? Please select *all* that apply.

2,345	Employee assistance program (e.g., short-term counseling, referrals to follow-up services)
4,359	Employee wellness workshops or other workshops/discussions
819	Other (please specify)
33,625	None, I have not used any of these resources EXCLUSIVE
1,324	My institution does not offer these resources EXCLUSIVE
1,093	Prefer not to answer EXCLUSIVE
4,177	No response

Q74. Across your organization, has the workforce been reduced (laid off or furloughed) due to COVID-19-related restrictions?

19,615	Yes
9,287	No
13,907	Don't know
3,836	No response

Q75. At the time of taking this survey, have you returned to your physical workplace?

11,535	Yes, I have returned full-time
18,160	Yes, I have returned at reduced hours
11,585	No, I have not returned
1,667	I have been working on-site for the duration of the pandemic
3,698	No response

Q76. How comfortable are you with returning to the physical workplace?

11,392	Very comfortable
14,914	Somewhat comfortable
4,152	Neither comfortable nor uncomfortable
8,239	Somewhat uncomfortable
4,144	Very uncomfortable
3,804	No response

Q77. What are your main concerns about working on-site at your facility? Please select *all* that apply.

30,106	The possibility of contracting the virus
15,730	Public health regulations not being followed by those around you
6,578	The office not being properly disinfected
4,369	Lack of available personal protective equipment
9,677	Physical working space not allowing for social distancing
9,135	Availability of COVID-19 testing/contact tracing at work for myself and coworkers
10,834	Having continued caregiver responsibilities at home
7,351	Readjusting to office life
8,568	My commute (e.g., using public transportation, different commute)
13,616	Having in-person interactions with others
9,067	Limited or no access to food and drink vendors/restaurants
1,749	Other (please specify)
3,820	I don't have any concerns EXCLUSIVE
3,972	No response

Please rate the impact of the following factors on your job satisfaction during the pandemic:

Q78. Expectations of my supervisor (e.g., returning to work, communication, productivity)

5,812	Negative impact
18,518	Neutral
12,474	Positive impact
5,168	Not applicable
4,673	No response

Q79. Access to programs assisting with applications to professional schools, grants, or other related resources

4,509	Negative impact
17,933	Neutral
5,135	Positive impact
14,288	Not applicable
4,780	No response

Q80. Access to programs focusing on stress and response to the pandemic

2,888	Negative impact
23,292	Neutral
6,304	Positive impact
9,310	Not applicable
4,851	No response

Q81. Disruption of promotion/tenure timeline and/or availability of next career steps

14,723	Negative impact
12,371	Neutral
1,179	Positive impact
13,519	Not applicable
4,853	No response

Q82. Visa considerations

6,070	Negative impact
4,831	Neutral
265	Positive impact
30,487	Not applicable
4,992	No response

Q83. Physical and/or social isolation

25,778	Negative impact
11,660	Neutral
1,803	Positive impact
2,515	Not applicable
4,489	No response

Q84. Societal and/or political events

25,624	Negative impact
11,565	Neutral
894	Positive impact
3,641	Not applicable
4,921	No response

Please rate the impact of the following factors on your mental health during the pandemic:

Q85. Expectations of my supervisor

7,779	Negative impact
19,093	Neutral
9,339	Positive impact
5,393	Not applicable
5,041	No response

Q86. Access to programs assisting with applications to professional schools, grants, or other related resources

4,530	Negative impact
18,313	Neutral
3,617	Positive impact
15,002	Not applicable
5,183	No response

Q87. Access to programs focusing on stress and response to the pandemic

3,346	Negative impact
22,814	Neutral
5,984	Positive impact
9,299	Not applicable
5,202	No response

Q88. Disruption of promotion/tenure timeline and/or availability of next career steps

15,559	Negative impact
11,793	Neutral
720	Positive impact
13,375	Not applicable
5,198	No response

Q89. Visa considerations

5,440	Negative impact
5,526	Neutral
179	Positive impact
30,072	Not applicable
5,428	No response

Q90. Physical and/or social isolation

27,207	Negative impact
10,323	Neutral
1,355	Positive impact
2,544	Not applicable
5,216	No response

Q91. Societal and/or political events

28,684	Negative impact
9,017	Neutral
542	Positive impact
3,121	Not applicable
5,281	No response

Q92. How has civil unrest tied to racism impacted your research productivity (e.g., submitting grant applications, publishing papers, collecting data)? It has had...

12,303	A negative impact
21,185	A somewhat negative impact
671	No impact
151	A somewhat positive impact
7,670	A positive impact
4,665	No response

Q93. Please share any successful strategies on how you and/or your lab or department are overcoming work challenges and approaching new situations during the COVID-19 pandemic.**OPEN END**

11,092	Total responses
35,553	No response

Q94. What is your age?

2,147	18-24
11,415	25-34
12,311	35-44
7,746	45-54
5,155	55-64
2,488	65-74
442	75 or older
734	Prefer not to answer
4,207	No response

Q95. Are you of Hispanic, Latino, or Spanish origin?

3,482	Yes
37,302	No
1,469	Prefer not to answer
4,392	No response

Q96. With which race do you most identify? Please select *all* that apply.

28,461	White
1,737	Black or African American
387	American Indian or Alaska Native
9,166	Asian
110	Native Hawaiian or Pacific Islander
1,102	Other (please specify)
2,392	Prefer not to answer
4,442	No response

Q97. What is your gender identity?

18,987	Man
21,886	Woman
23	Transgender man
<10	Transgender woman
189	Genderqueer or gender non-conforming
41	Questioning
25	Something else
1,229	Prefer not to answer
4,256	No response

Q98. Which of the following do you consider yourself to be?

35,451	Heterosexual or straight
1,472	Lesbian, Gay, or Homosexual
1,628	Bisexual
219	Asexual
141	Questioning
235	Something else
3,016	Prefer not to answer
4,483	No response

Q99. What is your marital status?

27,082	Married
229	Widowed
1,216	Divorced
256	Separated
3,579	Partnered
8,351	Single
1,605	Other
27,082	Prefer not to answer
4,327	No response

Q100. Do you have a disability?

1,717	Yes
38,710	No
1,727	Prefer not to answer
4,491	No response