



Preparing your Population File

Faculty Job Satisfaction Survey | Module 4

Building the Master Population File

The file that you deliver to COACHE in advance of the survey allows us to reach eligible faculty and gives us information critical to analyzing the results and understanding patterns of nonresponse.

Eligible survey population

Please include the following appointment types:

- Full-time; tenure-stream; assistant, associate, and full professors
- Full-time; non-tenure-track; senate (i.e. voting) faculty
-

... and optionally (see your Terms of Research Participation):

- Clinical faculty (health sciences and other professions)

Do *not* include:

- Faculty in their terminal year after being denied tenure
- Faculty that have not yet been employed for a full calendar year at time of survey
- Senior administrators, e.g., Dean, Assistant Dean, Associate Provost (but chairs may be included)

Format and content

Prepare the database in Excel format using our [provided template](#) and only include faculty who meet the above eligibility criteria.

The following variable table (p. 4-5) outlines the **required**, **important**, and **optional** variables that participating institutions will prepare. The first row of your Excel file will include the headers listed under the “Variable” column in the table below. Accepted values for rows following the header row should correspond to their column labels. For “Academic Area” (acarea), please follow the instructions outlined on page 2 of this document.

If any questions arise in the creation of your population file, please contact COACHE at coache@gse.harvard.edu.



Building your Department to Academic Area Crosswalk

Your [Chief Academic Officer Report](#) will include results by “Academic Area.” These academic areas were developed based on a review of structural designations (i.e., schools and colleges, which differ from campus to campus) and Classification of Institutional Programs (CIP) codes, which are too narrowly defined for IRB-approved reporting. The academic areas are:

Code	Academic Area	Code	Academic Area
11	Humanities	18	Agriculture/Natural Resources/Environmental Sci.
12	Social Sciences	19	Business
13	Physical Sciences	20	Education
14	Biological Sciences	21	Medical Schools & Health Professions
15	Visual & Performing Arts	22	Other Professions (e.g. Law, Journalism)
16	Engineering/Computer Science/ Math/Statistics	23	Interdisciplinary Department/Division - STEM
17	Health & Human Ecology	24	Interdisciplinary Department/Division - Other

For the purposes of creating your master population file, first generate a list of all academic departments on your campus and assign each department to one of the fourteen groups listed above.

Example:

Department	acarea	Academic Area
Physics	13	Physical Sciences
Philosophy	11	Humanities
Psychology	12	Social Sciences
Mathematics	16	Engineering, computer science, mathematics, and statistics
International Relations	24	Interdisciplinary Department/Division - Other

Then, give this “crosswalk” to the person responsible for assembling your master population file, that is, the database of eligible faculty.

Additional Considerations

Preparing the population file seems like a relatively straightforward task. Over time, however, COACHE partners have taught us that faculty can be counted in many ways. When we inadvertently include faculty in the population file who are unable to accurately respond to the survey for whatever reason, a few issues arise. When faculty (or anyone for that matter) are asked to complete a survey where the questions do not reflect their experiences, they either drop out, which impacts your institution's response rates, or they complete the survey but provide unreliable data. Both cases will negatively impact your ability to work with the results.

There are also circumstances where the decisions about who to include or exclude become more about strategy than technical specifications. Is excluding a handful of faculty worth the risk of making some faculty feel excluded? Eventually you will have to justify that decision, so it is important to have a cogent rationale from the outset.

Guidance on librarians

Most institutions consider librarians to be faculty, but their daily work and expectations for performance differ from their colleagues. Inclusion or exclusion of these community members is a campus-specific decision.

To make the decision about whether to include librarians in your population file, review [the survey instrument](#). Can librarians at your institution answer most of the questions honestly and accurately based on their experiences?

Guidance on full-time designation

While full-time/part-time status may seem like a clear delineation, we have learned there can be some grey areas. At some institutions, human resource systems consider part-time faculty whose appointments are more than half time as *benefits eligible*. Benefit eligibility is often seen as interchangeable with full-time status. For the purposes of this population file and survey, however, part-time but benefits eligible faculty *should not be included*.

Guidance on visiting appointments

Many liberal arts colleges want to include their *Visiting Faculty* in the survey. However, because Visiting Faculty typically only work at an institution for a year, they do not meet one of the minimum standards for inclusion in the survey and should, therefore, *not be included*.

Closing thoughts

All of this is to say that to build a population file well requires more than a database and a programmer. The Provost's Office should spend time with the Institutional Research Office and faculty leadership (e.g. Senate or Collective Bargaining Group) to map out the parameters for survey eligibility. Then, once the file is built, it should be reviewed by the Provost's Office before final delivery to COACHE. Making sure that you build in time for these preliminary discussions, as well as a final review, will assure your team that COACHE is surveying the right people so that you can trust the results.

Population File Variables

Category	Variable	Description	Value labels or examples	(N)umeric (S)tring	(R)eq (I)mp (O)pt
0_Sample	localid	Record ID number from campus administrative personnel data. This is a unique identifier (NOT SSN!) that will allow COACHE to link each record to additional, faculty-level data from your campus at a later date.	var.	N	R
1_Institution	institution	Partner institution, i.e., your institution, as the name would appear in an official document.	e.g., University of California Los Angeles	S	R
1_Institution	nickname	Nickname of partner institution, as it would appear in an email to faculty.	e.g., UCLA	S	R
1_Institution	unitid	IPEDS "Unit I.D." of partner institution	000001-999999	N	R
1_Institution	school	School, College, or Division of partner institution (if applicable). Exclude eponyms (e.g., "Government," not "Kennedy School of Government").	e.g., Arts & Sciences	S	R
1_Institution	dept	Department of partner institution (if applicable). Avoid acronyms like "MCB".	e.g., Molecular and Cellular Biology	S	R
1_Institution	dept_NRC	NRC Program ID of department/program at partner institution, if applicable (see http://www.nap.edu/rdp/)	00000000-99999999	N	O
1_Institution	contactname	Name of COACHE liaison, i.e., the individual at partner institution whom faculty may contact to verify COACHE's bona fides.	e.g., Dr. Jane Smith	S	R
1_Institution	contactemail	Email of individual named in contactname	e.g., jsmith@ucla.edu	S	R
2_Name	lname	Last name / Surname of faculty member.		S	R
2_Name	fname	First name of faculty member (and middle name, if necessary)		S	R
2_Email	email	Current primary email address		S	R
3_Demog	race	Race	1 = Asian, Asian American 2 = White (non-Hispanic) 3 = Black or African American 4 = Hispanic or Latino/a 6 = Multiracial 7 = Pacific Islander or Native Hawaiian 8 = Middle Eastern, North African, Southwest Asian 9 = American Indian or Native Alaskan 91 = Other	N	R
3_Demog	gender	Gender identification	1 = Female 2 = Male 3 = Other 4 = Trans	N	I
3_Demog	citizen	Citizenship status	1 = US Citizen 3 = Permanent Resident 5 = Nonresident Visa Holder (J-1, F-1, etc.) 6 = Other	N	I

Category	Variable	Description	Value labels or examples	(N)umeric (S)tring	(R)eq (I)mp (O)pt
3_Professional	rank	Rank	1 = Instructor/Lecturer; 2 = Assistant Professor 3 = Associate Professor 4 = Full Professor 5 = Emeritus 9 = Other	N	R
3_Professional	tenure	Tenure status	1 = Not tenured, not on tenure track 2 = Not tenured, on tenure track 3 = Tenured	N	R
3_Professional	title_primary	Primary title(s)		S	R
3_Professional	title_admin	Title for any administrative appointment	e.g., Center Director, Department Chair	S	O
3_Professional	yearhire	Year of hire at partner institution	YYYY	N	R
3_Professional	apptyear	Year in which current/most recent faculty appointment began	YYYY	N	R
3_Professional	cip	Classification of Instructional Programs code from NCES (see https://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55).	00.0000 – 99.9999	S	R
3_Professional	acarea	COACHE "Academic Area" code. (See p. 2)	11 - 24	N	R
3_Professional	clinical	Clinical status	0 = None 1 = Clinical faculty 2 = Adjunct 3 = In residence 4 = Other	N	R
3_Professional	clinical_loc	Clinical site	e.g., Midtown Clinic - West	S	O