

Q#	Full Question	Variable Name	Variable Key	Notes for re-coding
			<b>Y/N Standard Reserved Codes:</b> 0 = No 1 = Yes -6 = No Data	
1	What school(s) do you work in?	School1 School2 School3 School4 School5 (Multiple columns if selected more than one school)	1 = Arts and Sciences 2 = CTSI 3 = Genomics and Proteomics Core Laboratories 4 = Health and Rehabilitation Science 5 = Medicine 6 = MWRI 7 = Nursing 8 = Office of Research 9 = Pharmacy 10 = Graduate School Public Health 11 = UPCI 12 = Engineering 13 = Dental -6 = No Data	Health sciences or School of Health and Sciences = recoded based on department when appropriate to fit into school  University of Pittsburgh = recoded based on department when appropriate to fit into school  UPMC/Magee = recoded based on department when appropriate to fit into school
2	What department(s) do you work in?	Department1 Department2 Department3 Department4 (Multiple columns if selected more than one department)	1 = Acute/Tertiary Care 2 = Anesthesiology 3 = Behavioral and Community Health Sciences 4 = Biological Sciences 5 = Biomedical Informatics 6 = Biostatistics 7 = Cardiology 8 = Cardiothoracic surgery 9 = Critical Care Medicine	ATC = Accute/Tertiary Care in Nursing  BCHS = Behavioral and Community Health Sciences  CCM = Critical Care Medicine  CSD = Communication Science & Disorders

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			10 = Cell Biology 11 = Communication Science & Disorders 12 = Computational and Systems Biology 13 = CTSI 14 = Dermatology 15 = Developmental Biology 16 = Environmental and Occupational Health 17 = Epidemiology 18 = Family Medicine 19 = GSPH Dean's Office 20 = Gastroenterology, Hepatology, and Nutrition 21 = Health and Community Systems 22 = Health Promotion and Development 23 = Health Information Management 24 = Human Genetics 25 = Infectious Diseases and Microbiology 26 = Immunology 27 = Infectious Diseases 28 = Medicine 29 = Microbiology and Molecular Genetics 30 = Neurobiology 31 = Neurological Surgery 32 = Neurology 33 = Obstetrics, Gynecology and Reproductive Sciences	EOH = Environmental and Occupational Health  HCS = Health and Community Systems  HIM = Health Information Management  IDM = Infectious Diseases and Microbiology  Neurobiology = included CNUP and System Neuroscience Institute  OB/GYN = Obstetrics, Gynecology and Reproductive Sciences  OT = Occupational Therapy  OORHS = Office of Research, Health Sciences  Ortho = Orthopaedic Surgery  Path = Pathology  Pharmaceuticals = a track within Pharmaceutical Sciences

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			34 = Occupational Therapy 35 = Office of Research, Health Sciences 36 = Ophthalmology 37 = Orthopaedic Surgery 38 = Otolaryngology 39 = Pathology 40 = Pediatrics 41 = Pharmaceutical Sciences 42 = Pharmacology and Chemical Biology 43 = Pharmacy and Therapeutics 44 = Physical Medicine and Rehabilitation 45 = Physical Therapy 46 = Psychiatry 47 = Pulmonary, Allergy, and Critical Care Medicine 48 = Radiology 49 = Rheumatology and Clinical Immunology 50 = Rehabilitation Science and Technology 51 = Structural biology 52 = Surgery 53 = Urology 54 = Clinical Pharmacology 55 = Bioengineering 56 = Nephrology 57 = General Internal Medicine 58 = Genomics and Proteomics Core Laboratories 59 = MWRI	PMR = Physical Medicine and Rehabilitation  Rehabilitation Counseling = Concentration in Rehabilitation Science and Technology RST = Rehabilitation Science and Technology  Pharmacology = Clinical Pharmacology  Health Sciences = was considered a skip since it's not a department and we had no other information to identify  DGIM = General Internal Medicine  Nursing = was considered a skip since it's not a department and we had no other information to identify

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			60 = Health Policy & Management 61 = Psychology -6 = No Data	
3	Your primary role in research is:	Res_Role	1 = Principal Investigator 2 = Co-Investigator 3 = Post doc 4 = Student 5 = Administrator 6 = Lab Manager 7 = Lab Technician 8 = Trial Coordinator 9 = Clinician 10 = Resident 11 = Fellow 12 = Other	
4	What type of research do you perform? Check all that apply.	Res_Type1 = Human Res_Type2 = Animal Res_Type3 = Bench	0 = No 1 = Yes	
5	Please specify the types of data that you normally collect during the course of research projects. Check all that apply.	Data1 = Text Data2 = Spreadsheets Data3 = Images Data4 = Video Data5 = Audio Data6 = Databases Data7 = Software Code Data8 = Other	0 = No 1 = Yes -6 = No Data	If we re-classed their other into an existing category they were given a 0 in Data8  Dicom, CVI, AI = Images  Prism = Video
6	Does your lab/research group currently use a naming convention to save your data files?	Naming	0 = No 1 = Yes 2 = What is a naming convention? -6 = No Data	
7	Which of the following metadata or descriptive information does your	Meta1 = Title Meta2 = Author/Creator/PI	0 = No 1 = Yes	

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	lab/research group assign to your data files? Check all that apply.	Meta3 = Keywords Meta4 = Unique Identifier Meta5 = Date created Meta6 = Intellectual property rights Meta7 = Version Meta8 = File format Meta9 = Source/Provenance Meta10 = Protocol Meta11 = Don't know Meta12 = Aware of metadata but don't use Meta13 = What is metadata?	-6 = No Data	
8	Where do you save your working data? Check all that apply.	Save_Working1 = Hard drive Save_Working2 = External hard drive Save_Working3 = Flash drive Save_Working4 = Lab server Save_Working5 = Departmental server Save_Working6 = Campus server (such as CTSI) Save_Working7 = Commercial service (such as Amazon Cloud or DropBox) Save_Working8 = Commercial service supported by the University (such as Box) Save_Working9 = Don't know Save_Working10 = Other	0 = No 1 = Yes -6 = No Data	If we re-classed their other into an existing category they were given a 0 in Save_Working10
9	Where are backup copies of your	Save_Backup1 = Hard drive	0 = No	

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	data saved? Check all that apply.	Save_Backup 2 = External hard drive Save_Backup 3 = Flash drive Save_Backup4 = Lab server Save_Backup5 = Departmental server Save_Backup6 = Campus server (such as CTSI) Save_Backup7 = Commercial service (such as Amazon Cloud or DropBox) Save_Backup 8 = Commercial service supported by the University (such as Box) Save_Backup9 = No back Save_Backup10 = Don't know	1 = Yes -6 = No Data	
11	How do you guarantee your data for long term accessibility? Check all that apply	Long_Access1 = Will migrate to new software versions as they become available Long_Access2 = Maintain/Recreate functionality of obsolete software Long_Access3 = Convert to universal format (e.g. ASCII not Excel ) Long_Access4 = I do not ensure long term accessibility Long_Access5 = Don't know Long_Access6 = Other	0 = No 1 = Yes -6 = No Data	If we re-classed their other into an existing category they were given a 0 in Long_Access6

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12	Who legally owns research data? Check all that apply	Own1 = Primary Investigator/Funding Recipient Own2 = The researcher who collects the data Own3 = Institution where research performed, e.g. University of Pittsburgh Own4 = Funding agency e.g. NIH or American Heart Association Own5 = Don't know	0 = No 1 = Yes -6 = No Data	
13	In the past two years, have you searched for publicly available raw data to use in your	Search_Public	0 = No 1 = Yes 2 = No, I am only interested in results from the published literature 3 = I would, but I do not know where to look -6 = No Data	
15	What are your data citation experiences? Check all that apply.	Cite1 = I have cited another research group's raw data Cite2 = Raw data from my group has been cited by another group Cite3 = I have never cited raw data Cite4 = I'm not sure how to cite raw data Cite5 = Why would I ever want to cite raw data?	0 = No 1 = Yes -6 = No Data	

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16	How do you make your data accessible to those outside of your lab/research group?	Accessible1 = Publish results in peer reviewed journals Accessible2 = Present results at conference/meeting Accessible3 = Provide raw data on request Accessible4 = Provide analyzed data on request Accessible5 = Deposit raw data in repository/database Accessible6 = Deposit analyzed data in repository/database Accessible7 = I typically do not share my raw data Accessible8 = I typically do not share my analyzed data Accessible9 = Other	0 = No 1 = Yes -6 = No Data	
17	In the past two years, has your data (raw or analyzed) been placed into a repository such as GEO, Dryad, NCBI?	Repository	0 = No 1 = Yes 2 = Don't know -6 = No Data	
19	In the past two years, have you submitted a manuscript to a journal that requires authors to include raw data or links to their data?	Raw_Data	0 = No 1 = Yes 2 = Don't know -6 = No Data	
20	What might prevent you from sharing your raw data? Check all that apply	Sharing1 = Concern that proper credit/attribution will not be given Sharing2 = Patient privacy issues Sharing3 = Fear of competition	0 = No 1 = Yes -6 = No Data	If we re-classed their other into an existing category they were given a 0 in Sharing8



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		Sharing4 = Fear of wrongful use Sharing5 = Restricted due to commercial contracts or patent protection Sharing6 = My raw data would not be useful to others Sharing7 = Not applicable: I willingly share my raw data Sharing8 = Other		
21	Do you take additional precautions when you store or share sensitive information?	Precautions	0 = No 1 = Yes 2 = I don't collect sensitive information 3 = What is sensitive information? -6 = No Data	
22	You selected "Yes" in the question: "Do you take additional precautions when you store or share sensitive information?" Please list how in the space below.	Precautions_Yes1 Precautions_Yes2 Precautions_Yes3 Precautions_Yes4	1 = De-identify 2 = Restricted access 3 = ID files separate 4 = Passwords 5 = Follow guidelines 6 = Firewalls 7 = Encryption 8 = Secure server 9 = Designated staff 10 = Not shared 11 = Secure e-mail 12 = Other	Restricted access = either physical access or computer access limited  ID files separate = Linking information is specifically notes to be kept separate. Every time this is used De-identify is also noted  Follow guidelines = Notation of a specific regulatory agency/guideline mentioned such as IRB or HIPAA  Other = for responses that would not fit into any other category

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23	In the past two years, have you written a data management plan (DMP) as part of a grant proposal?	DMP	0 = No 1 = Yes 2 = Don't know -6 = No Data	
24	If you had a question about data management, you would ask someone in: Check all that apply.	Question1 = your lab/research group Question2 = your department Question3 = the Health Sciences Office of Research Question4 = the Office of Research Question5 = the Clinical and Translational Science Office Question6 = the library Question7 = the funding agency Question8 = Other	0 = No 1 = Yes -6 = No Data	If we re-classed their other into an existing category they were given a 0 in Question8
25	Please describe a data management issue you have experienced in the past two years. Such a problem might be investigators not willing to share data, lost data due to server crash, difficulty finding data due to inconsistent file naming, lack of understanding of Data Management Plan requirements, etc...	Issue1 = Data loss Issue2 = Data entry error Issue 3 = File naming Issue 4 = Locating Issue 5= Data Transfer Issue 6 = Storage Issue 7 = Organization Issue 8 = Sensitive Data Issue9 = Server Issues Issue 10 = Large files Issue 11 = Cooperation Issue 12 = Other	0 = No 1 = Yes -6 = No Data	Data loss = Data could be lost because of software or hardware problem or human error or malice.  Data entry error = Data entered incorrectly.  File naming = Inconsistent file naming or may mention that couldn't keep track of versions of documents.  Locating = Could not locate needed files.  Data Transfer = Moving data from

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				<p>locations (hard drives of various computers, microscope to server) or transferring from print to digital.</p> <p>Storage = Can mention storage space availability or discussion of preservation</p> <p>Organization = Problems with organizing.</p> <p>Sensitive Data = Mention de-identification or destruction of sensitive data.</p> <p>Sever issue = May talk about server crash or upgrade.</p> <p>Large files = Mention of files being large in size.</p> <p>Cooperation = Problems sharing files with collaborators, collaborators unwilling to sharing data, or problems with working together.</p>