

## **APPENDIX A:**

### **DATA ELEMENT AVAILABILITY BY YEAR**

## Graduate Students by Enrollment Status, Gender, Citizenship, and Race/Ethnicity (1992 - 2013)

Data Availability By Year	72	73-77	78	79	80-92	93-98	99-07	08-13	Counts found in __ variables
Part-time Graduate Students	X	X	X	X	X	X	X	X	pt_*
By Gender				X	X	X	X	X	
By Citizenship/Race/Ethnicity <sup>1,3</sup>					X	X	X	X	
By Gender and Citizenship/Race/Ethnicity <sup>2,3</sup>						X	X	X	
Full-time Graduate Students	X	X	X	X	X	X	X	X	ft_*
By Gender	X	X		X	X	X	X	X	
By Citizenship/Race/Ethnicity <sup>3</sup>					X	X	X	X	
By Gender and Citizenship/Race/Ethnicity <sup>2,3</sup>						X	X	X	
First-time, Full-time Graduate Students		X	X	X	X	X	X	X	ft_frst_*
By Gender					X	X	X	X	
By Citizenship/Race/Ethnicity <sup>4</sup>							X	X	
By Gender and Citizenship/Race/Ethnicity <sup>4</sup>							X	X	
<i>Gender</i>									
Total	X	X	X	X	X	X	X	X	*_tot_*
Men				X	X	X	X	X	*_men_*
Women				X	X	X	X	X	*_wmen_*
<i>Citizenship/Race/Ethnicity Categories Collected</i>									
Total	X	X	X	X	X	X	X	X	*_all_races_v
U.S. citizens <sup>5</sup>									
White, non-Hispanic					X	X	X	X	*_white_v
Asian/Pacific Islander					X	X			*_asian_pi_98_v
Asian							X	X	*_asian_v
Native Hawaiian/Pacific Islander							X	X	*_pacific_v
Black, non-Hispanic					X	X	X	X	*_black_v
Hispanic (one or more races)					X	X		X	*_hisp_v
Hispanic, one race							X		
Hispanic, more than one race							X		Sum in *_hisp_v
American Indian/Alaska Native					X	X	X	X	*_indian_v
Other/Unknown <sup>1</sup>					X				*_unknown_v
Other						X			*_other_98_v
Unknown						X	X	X	*_unknown_v
More than one race (non-Hispanic)							X	X	*_multi_non_hisp_v
Foreign <sup>1,5</sup>					X	X	X	X	*_forgn_v

<sup>1</sup> In 1980 and 1981, foreign part-time students and part-time students of other/unknown race were collected within a single "foreign, other, or unknown" category. In 1982, this category was split into 'foreign' and 'other/unknown' making it match the categories used for full-time students.

<sup>2</sup> Part-time and full-time graduate student citizenship and race/ethnicity by gender data are incomplete in 1993, the first year that these data were collected.

<sup>3</sup> In 1999, some part-time and full-time graduate students are classified as Asian/Pacific Islanders (\*\_asian\_pi\_98\_v) or of 'Other' race (\*\_other\_98\_v) even though these categories were not used in the 1999 survey.

<sup>4</sup> First-time, full-time graduate student citizenship and race/ethnicity data are incomplete in 1999, the first year that these data were collected.

<sup>5</sup> Beginning in fall 1992, permanent residents were included with U.S. citizens; in previous years permanent residents were counted with foreign students.

## Source and Mechanism of Support for Full-Time Graduate Students (1972 - 2013)

Data Availability By Year	72-77	78	79-84	85-95	96-98	99-13	Counts found in __ variables
Full-time Graduate Students	X	X	X	X	X	X	ft_*
By Source	X	X	X	X	X	X	
By Gender <sup>1</sup>	X		X	X	X	X	
By Gender and Source <sup>1</sup>	X		X	X	X	X	
By Mechanism <sup>1</sup>	X		X	X	X	X	
By Mechanism and Source <sup>1</sup>	X		X	X	X	X	
<i>Gender</i>							
Total							ft_tot_*
Men							ft_men_*
Women							ft_wmen_*
<i>Sources of Financial Support Collected</i>							
All Sources							*_all_srces_v
Federal							*_fed_all_srces_v
Department of Defense <sup>2</sup>	X		X	X	X	X	*_fed_dod_v
NIH	X	X	X	X	X	X	*_fed_hhs_nih_v
HHS	X	X	X	X	X	X	*_fed_hhs_oth_v
NSF	X	X	X	X	X	X	*_fed_nsf_v
DOA				X	X	X	*_fed_doa_v
NASA					X	X	*_fed_nasa_v
DOE						X	*_fed_doe_v
Other Federal <sup>2</sup>	X	X	X	X	X	X	*_fed_oth_v
Non-Federal							*_nonfed_all_srces_v
Institutional	X	X	X	X	X	X	*_nonfed_inst_sup_v
Other US	X	X	X	X	X	X	*_nonfed_oth_us_v
Foreign <sup>1</sup>	X		X	X	X	X	*_nonfed_forgn_v
Self	X	X	X	X	X	X	*_self_sup_v
<i>Mechanisms of Financial Support Collected</i>							
Fellowships and Traineeships <sup>3</sup>	X						ft_felshp_*_v
Fellowships			X	X	X	X	ft_felshp_*_v
Traineeships			X	X	X	X	ft_trneeshp_*_v
Research Assistantships	X		X	X	X	X	ft_rschr_asst_*_v
Teaching Assistantships	X		X	X	X	X	ft_tchg_asst_*_v
Other Mechanisms	X		X	X	X	X	ft_oth_mech_*_v

<sup>1</sup> Data on mechanisms of support and foreign sources of support were not requested on the short forms used in 1978. Breakdowns of graduate students and Full-time graduate student support by gender were inaccurate and have been omitted from the public use data file.

<sup>2</sup> Department of Defense support is counted within Other Federal support in 1978.

<sup>3</sup> Before 1979, fellowships and traineeships were not separately identified; their sum is stored in the fellowship variables (ft\_felshp\_\*\_v) for these years.

## Postdoctoral Appointees and Nonfaculty Research Staff (1972 - 2009)

Data Availability By Year <sup>1</sup>	72	73-76	77	78	79-82	83-09	Counts found in __ variables <sup>2</sup>
Count of Postdoctoral Appointees and Nonfaculty Research Staff <sup>3</sup>							
Total	X	X	X				pd_tot_all_srces_v
By Source		X	X				tot_postdoc_*
By Citizenship			X				pd_tot_[us forgn]_v
Count of Postdoctoral Appointees							
Total					X	X	pd_tot_all_srces_v
By Source					X	X	tot_postdoc_*
By Citizenship					X	X	pd_tot_[us forgn]_v
By Gender					X	X	pd_tot_[men wmen]_all_srces_v
By Gender and Source					X	X	[men wmen]_postdoc_*
By Gender and Citizenship					X	X	pd_[men wmen]_[us forgn]_v
With Medical Degree						X	med_degr_postdoc_all_srces_v
With Medical Degree By Source						X	med_degr_postdoc_*
With Medical Degree By Citizenship						X	med_degr_postdoc_forgn_v
Count of Nonfaculty Research Staff							
Total					X	X	nfr_tot_all_degr_v
By Gender					X	X	nfr_[men wmen]_all_degr_v
With Medical Degree						X	med_degr_oth_non_fcty_v
<i>Sources of Financial Support Collected</i>							
Federal Fellowships and Traineeships <sup>4</sup>		X	X				*_felshp_v
Federal Fellowship					X	X	*_felshp_v
Federal Traineeship					X	X	*_trneeshp_v
Research Associates		X	X				*_rsch_grnt_v
Federal Research Grant					X	X	*_rsch_grnt_v
Non-Federal		X	X		X	X	*_nonfed_v

<sup>1</sup> No postdoctoral appointee or nonfaculty research staff data were collected in 1978.

<sup>2</sup> In 2010, the postdoctoral appointee and nonfaculty research staff data collection was expanded significantly to capture more detailed information about these groups (see <http://www.nsf.gov/statistics/srvygradpostdoc/> for more information). Of those items collected prior to 2010, only the total counts and the counts by gender and citizenship were asked in a consistent manner in 2009 and 2010. Consequently, only the variables housing these counts have been renamed using the 2010 variable naming convention (pd\_\* and nfr\_\*). All other variables retain their 2009 and prior names.

<sup>3</sup> Postdoctoral appointees and nonfaculty researchers were not separately identified before 1979; their sum is stored in the postdoctoral appointee variables (tot\_postdoc\_\*\_v) for these years.

<sup>4</sup> Similarly, fellowships and traineeships were not separately identified before 1979; their sum is stored in the fellowship variables (ft\_felshp\_\*\_v) for these years.

## Postdoctoral Appointees (2010 - 2013)

Data Availability By Year <sup>1</sup>	2010-13	Counts found in __ variables
Count of Postdoctoral Appointees by	X	pd_*
Gender and Citizenship/Race/Ethnicity	X	
Mechanism and Source of Financial Support	X	
Mechanism of Financial Support and Gender	X	
Mechanism of Financial Support and Type of Degree	X	
Citizenship and Type of Doctoral Degree	X	
Origin of Doctoral Degree	X	
<i>Gender</i>		
Total		pd_tot_*
Male		pd_men_*
Female		pd_wmen_*
<i>Citizenship and Race/Ethnicity Categories</i>		
Total	X	*_all_races_v
U.S. citizens	X	*_us_v
White, non-Hispanic	X	*_white_v
Asian	X	*_asian_v
Native Hawaiian/Pacific Islander	X	*_pacific_v
Black, non-Hispanic	X	*_black_v
Hispanic (one or more races)	X	*_hisp_v
American Indian/Alaska Native	X	*_indian_v
Other/Unknown	X	*_unknown_v
More than one race (non-Hispanic)	X	*_multi_non_hisp_v
Temporary visa holders	X	*_forgn_v
<i>Source of Financial Support</i>		
Total		*_all_srces_v
Federal		*_fed_all_srces_v
Department of Defense	X	*_fed_dod_v
NIH	X	*_fed_hhs_nih_v
HHS	X	*_fed_hhs_oth_v
NSF	X	*_fed_nsf_v
DOA	X	*_fed_doa_v
NASA	X	*_fed_nasa_v
DOE	X	*_fed_doe_v
Other Federal	X	*_fed_oth_v
Non-Federal		*_nonfed_all_srces_v
Institutional	X	*_nonfed_inst_sup_v
Other US	X	*_nonfed_oth_us_v
Foreign	X	*_nonfed_forgn_v
Self-support	X	*_self_sup_v
<i>Mechanism of Financial Support</i>		
Fellowships	X	pd_felshp_*_v
Traineeships	X	pd_trneeshp_*_v
Research Grants	X	pd_rsch_asst_*_v
Other Support	X	pd_oth_mech_*_v
<i>Type of Doctoral Degree</i>		
Professional degree	X	*_med_degr_v
Doctoral degree	X	*_nonmed_degr_v
Both professional and doctoral degree	X	*_dual_degr_v
Degree type unknown	X	*_unknown_degr_v

### Postdoctoral Appointees (2010 – 2013)

Data Availability By Year <sup>1</sup>	2010-13	Counts found in __ variables
<i>Origin of Doctoral Degree</i>		
Doctorate from a U.S. institution	X	pd_degr_us_v
Doctorate from a foreign institution	X	pd_degr_forgn_v
Unknown origin	X	pd_degr_unknown_orig_v

<sup>1</sup> In 2010, the postdoctoral appointee data collection was expanded significantly to capture more detailed information about the postdocs (see <http://www.nsf.gov/statistics/srvygradpostdoc/> for more information). A new naming convention was implemented in 2010 to reduce variable length and make the variable naming more consistent with the graduate student data. All postdoc variables begin with "pd\_".

### Nonfaculty Researchers (2010 - 2013)

Data Availability By Year <sup>1</sup>	2010-13	Counts found in __ variables
Counts of Nonfaculty Research Staff	X	nfr_*
By Gender and Type of Degree	X	
<i>Gender</i>		
Total	X	nfr_tot_*
Male	X	nfr_men_*
Female	X	nfr_wmen_*
<i>Type of doctoral degree</i>		
Total	X	*_all_degr_v
Professional degree	X	*_med_degr_v
Doctoral degree	X	*_nonmed_degr_v
Both professional and doctoral degree	X	*_dual_degr_v
Degree type unknown	X	*_unknown_degr_v

<sup>1</sup> In 2010, the nonfaculty researcher data collection was expanded to capture more detailed information about the doctoral degree type ((see <http://www.nsf.gov/statistics/srvygradpostdoc/> for more information). A new naming convention was implemented in 2010 to reduce variable length and make the variable naming more consistent with the graduate student data. All nonfaculty research staff variables begin with "nfr\_".