Release Notes for the GSS 2006 Panel Cumulative File (Release 6)

Wave Affected	Variable	Issue in Release 5	Fix in Release 6
1	LETIN1	Contained values for LETIN1A	LETIN1 Dropped
1	LETIN1A	Contained values for LETIN1	Recoded to LETIN1A
All	ISCO88	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SPISCO88	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PAISCO88	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	MAISCO88	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	ISCO08	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SPISCO08	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PAISCO08	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	MAISCO08	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	COISCO08	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PRESTG10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SPPRES10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PAPRES10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	MAPRES10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	COPRESTG10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PRESTG105PLUS	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SPPRES105PLUS	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PAPRES105PLUS	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	MAPRES105PLUS	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	COPRES105PLUS	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SEI10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SPSEI10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PASEI10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	MASEI10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	COSEI10	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SEI10EDUC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SPSEI10EDUC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PASEI10EDUC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	MASEI10EDUC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	COSEI10EDUC	Based on old OCC10 codes	Recalculated to new OCC10 Codes

Wave Affected	Variable	Issue in Release 5	Fix in Release 6
All	SEI10INC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	SPSEI10INC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	PASEI10INC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	MASEI10INC	Based on old OCC10 codes	Recalculated to new OCC10 Codes
All	COSEI10INC	Based on old OCC10 codes	Recalculated to new OCC10 Codes

Release Notes for GSS 2005 Panel cumulative file (Release 5)

Wave Affected	Variable	Issue in Release 4	Fix in Release 5
2	AGE	1 case in wave 2 miscalculated	Recoded to correct
2	SEXORNT	6 cases in wave 2 incorrectly coded NA	Recoded to IAP
3	SOSECHK	1 case in wave 3 incorrectly coded IAP	Recoded to NA
2,3	IMMAFFUS	Wave 2 and 3 cases incorrected coded NA	Recoded to IAP
2,3	CONTERRR	Wave 2 and 3 cases incorrected coded NA	Recoded to IAP
2,3	INTRACE	Wave 2 and 3 cases incorrected coded NA	Recoded to IAP
2,3	CONSENT	Wave 2 and 3 cases incorrected coded NA	Recoded to IAP
2,3	COHORT	5 cases in waves 2 and 3 miscalculated	Recoded to correct
All	PAOCC10	3 cases coded 999 instead of 9999	Recoded to 9999
All	PAIND10	3 cases coded 999 instead of 9999	Recoded to 9999
2	INDUS	1 case in wave 2 miscoded	Recoded to correct
2	OCC10	1 case in wave 2 miscoded	Recoded to correct
All	SPIND80	NA code 99 instead of 999	Recoded to 999
2	INDUS10	1 case in wave 2 miscoded	Recoded to correct
3	SPOCC80	1 case in wave 3 had OCC & IND transposed	Recoded OCC with IND value
3	SPIND80	1 case in wave 3 had OCC & IND transposed	Recoded IND with OCC value

NA stands for No Answer. Respondents who gave NA responses were eligible for the given question, but did not answer it. Reasons for not answering could include refusing the question, giving a garbled answer, or declining the remaining questions in a given module.

IAP stands for Inapplicable. Respopndents who were IAP were not eligible for the question. Reasons for being ineligble include being on the wrong ballot for a module, giving a disqualifying answer on a screener question, or not having a requisite characteristic, such as being male for a question only asked of females.

Release Notes (July 27, 2016)

This release has updated the cross-section data up to date. Most notably, the new occupation and industry codes as well as new prestige and SEI scores are added. For more information, please refer to the previous release notes for the cumulative data for a history of fixes.

GSS Panel Data Release Notes

Released in July 2011

I.   Overview

This GSS panel dataset has three waves of interviews: originally sampled and interviewed in 2006, interviewed for the second time in 2008, and for the third wave in 2010. Among the 4,510 cases interviewed in 2006, we randomly selected 2,000 cases for re-interviews. We re-interviewed 1,536 cases in 2008, and 1,276 in 2010 (see Table 1).

This data file contains those 2,000 respondents who were pre-selected among the 2006 samples and those variables that were asked at least twice in three waves. The only exceptions are listed in section II.3 below.

Table 1. GSS design features: Cross-sectional and Panel Components			
	2006	2008	2010
1st wave	4510[a]	2023	2044
2nd wave		1536	1581
3rd wave			1276
Combined N	4510	3559	4901

Note:[a] Of the 4,510 respondents, 2,000 respondents were selected for the 2008 panel (2nd wave).

II.   Data File Organization

1. The released data file is in the "wide" format: cases in rows and variables of each wave in columns

2. To denote waves, we have added a suffix "_1", "_2", or "_3" to the existing GSS variable names. For example, EDUC_1 is the years of education in the first wave (2006), EDUC_2 is education in the second wave (2008), and EDUC_3 is education in the third wave (2010).

3. The values of the following variables do not change over waves so they are included as single variables (without _1, _2, or _3): BALLOT, FORM, FORMWT, OVERSAMP, SAMCODE, and SAMPLE.

4. YEAR_1 is GSS year of the first wave while YEAR_2 and YEAR_3 are GSS year of the second wave and the third wave.

5. ID_1 is the identification number used in the GSS 2006 data, ID_2 in 2008, and ID_3 in 2010. ID generally differs across years.

6. PANSTAT_2 and PANSTAT_3 indicate panel selection status. Users can identify those cases that were: (1) selected, eligible for re-interviews, and actually re-interviewed; (2) selected, eligible, but not re-interviewed; and (3) selected, but not eligible and not re-interviewed. If we have more information about why the selected cases were not eligible, we used codes 31 through 33 instead of 3.

7. For those cases that were not re-interviewed in the second and/or the third wave, values in all variables are coded to "Inapplicable (IAP)" (actual codes vary by variables).

8. The variables related to respondents' household members (e.g. OLD1 to OLD14, GENDER1 to GENDER14) do not necessarily indicate the same persons over waves. For example, GENDER13_1 and GENDER13_2 do not necessarily show the gender of the same household member.

9. Interviewers' ID numbers (INTID) were newly assigned in each wave. Thus, INTID_1=56 and INTID_2=56 do not indicate they are the same interviewer.

III. Weights

Three wave panel data include four different weights, such as WTPAN12, WTPAN123, WTPANNR12, and WTPANNR123. The four different weight variables are differentiated by whether they include NR in the variable name or not, or if they use 12 or 123 at the end of variable name. First, weight variables with NR indicate if the weight variables considered a nonresponse adjustment in addition to selection. Second, while weight variables with 12 indicate two-wave panel (06-08), weight variables with 123 indicate the three-wave panel, which are 06-08-10 panel data. Below is the description of four weight variables and methodology used to calculate these weights.

<Table 2> GSS panel data three wave weight variables

Variable name	Description
Weight Variable Name Without NR	This weight is assigned to all 1,276 cases that completed the panel interview in 2010 that originated from 2006. It accounts for all four stages of selection for the 2006 samples (NFA, segment, HU, and respondent) and also for the selection of the segment and the case into the panel sample.
wtpan12	If you want to analyze only 06-08 panel data, you need to use this weight variable (This weight variable is same as the weight variable (wtpan_2) in panel wave 2 data set, which was previously released in 2010)
wtpan123	With the exception of the 06-08 panel analysis, you need to use this weight variable for analyzing three-wave panel data.
Weight Variable Name with NR	This weight has the same case base as WEIGHTpanel2006 and also includes all stages of selection, **but also includes a nonresponse adjustment.**
wtpannr12	If you want to analyze only 06-08 panel data, you need to use this weight variable (This weight variable is same as the weight variable (wtpan_2) in panel wave 2 data set, which was previously released in 2010)
wtpannr123	With the exception of the 06-08 panel analysis, you need to use this weight variable for analyzing three-wave panel data.

Selection of respondents from the 2006 round for the panel was done in three phases: first, we selected segments; second, we selected cases within those segments; and third, we selected the completes. To calculate weights for the panel cases, we simply adjusted the 2006 design weights $W3NR_{2006XSec}$[1] to account for these additional stages of selection. Only completes from 2008 were fielded in 2010. So, with the extra step of nonresponse adjustment, $WA_{panel2006}$ (WTPAN123) is simply:

$$WA_{panel2006} = \frac{W3NR_{2006XSec}}{\left(\pi_{segment}^{panel2006} \cdot \pi_{case}^{panel2006} \right)} \cdot \frac{1}{mean_h \left(\widehat{RP}_{2006 \text{ Panel in 2008}} \right)}$$

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[1] It refers to WTSSNR of 2006 in the cumulative GSS data file. This weight variable is not included in this panel file.

The final weight WTPAN123 is just these WA variables, rescaled to sum to the number of completed 2006 cases in 2010. Cases originated from 2006 would sum to 2006 totals.

To adjust WTPAN123 for nonresponse in 2010 (WTPANNR123), we use logistic regressions to predict a set of response propensity scores for the 2006 panel cases. The independent variables in this regression are factual (not attitudinal) responses collected in 2008[2]. The variables used were: born outside the U.S.[3], living alone, gender, race (white / nonwhite) and Census division. We used the predicted response propensities from this model to divide the responding and nonresponding cases into five equal size adjustment cells; and, within each cell, we inflated the weights of the responding cases by the inverse of the mean response propensity in that cell.

$$WA_{panel} = \frac{WA_{2006}}{\left(\pi_{segment}^{panel} \cdot \pi_{case}^{panel}\right)} \cdot \frac{1}{mean_h\left(\widehat{RP}_{2006 \text{ Panel in } 2010}\right)}$$

where h is the nonresponse adjustment cell. This weight was then, again, scaled to sum to the number of completed panel cases.

IV.   Miscellaneous

1. The question wordings of the below variables in Wave 2 had references to year 2007, but the Wave 3 questionnaire changed their references to year 2008. In addition, the phrase "last 12 months" in Wave 2 was changed to "last 24 months" in Wave 3 for these variables.

- HLTH10
- HRDSHP6
- HLTH11
- WORK10
- FINAN4
- HRDSHP1
- LAW5

2. A new category, "Two or more race", was added to INTETHN_2 and INTETHN_3 (interviewers' race) after the first wave was conducted, because NORC changed the way it keeps information on interviewers in 2007. Thus, this category was not used in INTETHN_1.

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[2] In 2008, missing data on the 40 ineligible cases was permitted. In 2010, we used the same independent variables as in 2008 regardless of missing data.

[3] Of all variables studied, this one most strongly predicted response in 2008.

V. Variables Not Found in the *GSS Cumulative Codebook*

Most of the variables in the panel data are documented in *Codebook* for the GSS cross-sectional cumulative data. The following variables are not included in the *Codebook* because they have never been asked in the cross-section:

- CONTERRR_1 to CONTERRR_3
- IMMAFFUS_1 to IMMAFFUS_3
- PAYENVIR_1 to PAYENVIR_3
- PANSTAT_2, PANSTAT_3
- WTPAN12, WTPAN123
- WTPANNR12, WTPANNR123

PANSTAT, WTPAN, and WTPANNR were described earlier in this document. This section lists questions and response categories for CONTERRR, IMMAFFUS, and PAYENVIR.

CONTERRR

How concerned are you about the possibility there will be more major terrorist attacks in the United States? Is that something that worries you a great deal, somewhat, not too much or not at all?

> **HANDCARD I2**

A great deal 1

Somewhat 2

Not too much...3

Not at all 4

DON'T KNOW...DK

REFUSED ....REF

IMMAFFUS

In the long run, do you think that people who are immigrating to the United States today will make American society better, will make American society worse, or do you think that today's immigrants won't affect American society one way or another?

Better 1

Worse 2

Won't affect American society one way or another 3

DON'T KNOW ....DK

REFUSED ....REF

PAYENVIR

How willing would you be to pay much higher prices in order to protect the environment? Would you say . . .

HANDCARD I1

Very willing 1

Fairly willing 2

Neither willing nor unwilling 3

Not very willing, or 4

Not willing at all? 5

DON'T KNOW ....DK

REFUSED ....REF

GSS 2006-sample Wave 3, Release 2 (September 2012)

Variable	Wave affected	Issue	Fix
NUMEMPS	3	The response category "0 employee" was mixed with IAP	"0 employee" and IAP are separated; IAP is now coded to -1 in SPSS
OTHER, OTH16, SPOTHER	All	No value labels	Value labels added
OCC80, SPOCC80, PAOCC80, MAOCC80	All	No value labels	Value labels added
INDUS80, SPIND80, PAIND80, MAIND80	All	No value labels	Value labels added
VSTRATA, VPSU	1	No issue	Newly added. For more information, please refer to a documentation about strata in GSS.

GSS 2006-Sample Panel Wave 3, Release 3

May 30, 2014

The past releases of the GSS 2006-sample panel data included only those variables that were asked at least twice over the three waves (2006, 2008, and 2010). Some researchers, however, have indicated an interest in a panel data file that included all variables that were asked at least once. Although it has been possible for users to link files on their own using the released files available on the GSS website, it would be convenient for users if such a file was available as a simple download. The current release includes all those variables that were asked of the 2006 GSS sample on any of the three panel waves.