

ICPSR 34375

**Gates Millennium Scholars  
Program (GMS) Cohort 1,  
2000-2008**

*Bill and Melinda Gates Foundation*

Codebook for Continuing Undergraduates  
Cohort 1 (2000) Non-cognitive Scores -  
Restricted Use

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**ICPSR PROCESSING NOTE FOR # 34375**  
*Gates Millennium Scholars Program (GMS) Cohort 1, 2000-2008*  
***Restricted use data***

**1) Confidentiality:**

- In the restricted use data, ICPSR has blanked the all responses that contain respondent names and other identifiable characteristics to protect respondent confidentiality.
- These responses are shown in the data as "BLANKED FOR CONFIDENTIALITY - ICPSR".

**2) Question Text:**

- Question text was added to the data based on the original data collection instrument deposited by the Principal Investigator.

**3) Value labels:**

- Value labels were standardized based on the original data collection instrument deposited by the Principal Investigator.
- Any spelling errors found in the value labels were corrected during ICPSR processing.

**4) Missing Values:**

- Missing values were standardized as per the study's convention. Values "-4" and "-5" were recoded or labeled as "Logical Skip" and "Missing Data" respectively.

**5) Unknown code:**

- Any unknown codes were given the value label "Unknown Code – ICPSR".

## Data Completeness Report

Notes: (1) Variables are individually listed only if they have greater than 5% missing data. These variables are listed under the appropriate percentage category in the order in which they appear in the data file. (2) The Data Completeness Report only captures information about system missing or other values that are declared missing. Codes that have a label implying that they are missing but that are not declared missing values are not reflected in this report. Data users should consult the codebook for more specific information about missing values. (3) Some variables that have 100% missing data may have been blanked by ICPSR to protect respondent confidentiality. Data users should consult the codebook for more specific information about blanked variables. (4) Data do not contain skip patterns or skip patterns are not reflected in the data as coded.

**Table 1: Distribution of Variables by Percentage of Missing Values--Continuing Undergraduates Cohort 1 (2000) Non-cognitive Scores - Restricted Use**

<b>Variable Name and Label (Total Cases = 3736 )</b>	<b>Percent of Cases with Missing Values</b>
36.4% ( 8 of 22 variables)	have 0% Missing Values
0.0% ( 0 of 22 variables)	have 0% - 1% Missing Values
0.0% ( 0 of 22 variables)	have 1% - 3% Missing Values
63.6% ( 14 of 22 variables)	have 3% - 5% Missing Values
0.0% ( 0 of 22 variables)	have 5% - 10% Missing Values
0.0% ( 0 of 22 variables)	have 10% - 20% Missing Values
0.0% ( 0 of 22 variables)	have 20% - 40% Missing Values
0.0% ( 0 of 22 variables)	have 40% - 99% Missing Values
0.0% ( 0 of 22 variables)	have 100% missing values

# **ICPSR 34375**

## **Gates Millennium Scholars Program (GMS) Cohort 1, 2000-2008**

### **Variable Description and Frequencies**

**Note: Frequencies displayed for the variables are not weighted. They are purely descriptive and may not be representative of the study population. Please review any sampling or weighting information available with the study.**

**Summary statistics (minimum, maximum, mean, median, and standard deviation) may not be available for every variable in the codebook. Conversely, a listing of frequencies in table format may not be present for every variable in the codebook either. However, all variables in the dataset are present and display sufficient information about each variable. These decisions are made intentionally and are at the discretion of the archive producing this codebook.**

## Gates Millennium Scholars Program (GMS) Cohort 1, 2000-2008

### Continuing Undergraduates Cohort 1 (2000) Non-cognitive Scores - Restricted Use

SU_ID	Respondent ID
-------	---------------

Location: 1-8 (width: 8; decimal: 0)  
 Variable Type: character  
 Question: Respondent ID  
 Based upon 3736 valid cases out of 3736 total cases.

PL_2	Preload Population Type
------	-------------------------

Location: 9-10 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Question: Preload Population Type

Value	Label	Unweighted Frequency	%
1	2000 Freshmen Recipients	0	0.0 %
2	2000 Continuing Undergraduate Recipients	2405	64.4 %
3	2000 Graduate Recipients	0	0.0 %
4	2001 Freshmen Recipients	0	0.0 %
5	2000 Freshmen Non-recipients	0	0.0 %
6	2000 Continuing Undergraduate Non-recipients	1331	35.6 %
7	2000 Graduate Non-recipients	0	0.0 %
8	2001 Freshmen Non-recipients	0	0.0 %
9	2002 Freshmen Recipients	0	0.0 %
10	2002 Freshmen Non-recipients	0	0.0 %
11	2004 Freshmen Recipients	0	0.0 %
12	2004 Freshmen Non-recipients	0	0.0 %

Based upon 3736 valid cases out of 3736 total cases.

- Mean: 3.43
- Median: 2.00
- Mode: 2.00
- Minimum: 2.00
- Maximum: 6.00
- Standard Deviation: 1.92

RACE_DB	Preload Race
---------	--------------

Location: 11-12 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Question: Preload Race

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<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
1	African Americans	1318	35.3 %
2	American Indians	376	10.1 %
3	Asian/Pacific Islanders	976	26.1 %
4	Hispanic Americans	1066	28.5 %

Based upon 3736 valid cases out of 3736 total cases.

- Mean: 2.48
- Median: 3.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 1.24

**SEX\_DB Preload Sex/Gender**

Location: 13-14 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Question: Preload Sex/Gender

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
1	Male	715	19.1 %
2	Female	1690	45.2 %
3	Unknown	1331	35.6 %

Based upon 3736 valid cases out of 3736 total cases.

- Mean: 2.16
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.72

**PELL\_DB Preload Pell Grant Eligibility**

Location: 15-16 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Question: Preload Pell Grant Eligibility

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
1	Pell-Eligible	2429	65.0 %
2	Pell-Ineligible	1307	35.0 %
3	Pell Eligible Unknown	0	0.0 %

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<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
4	Not Applicable (i.e Graduate student)	0	0.0 %

Based upon 3736 valid cases out of 3736 total cases.

- Mean: 1.35
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.48

**SEL\_NSEL Preload Select or No-select**

Location: 17-18 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Question: Preload Select or No-select

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
1	Select	3736	100.0 %
2	Non-Select	0	0.0 %

Based upon 3736 valid cases out of 3736 total cases.

- Mean: 1.00
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 1.00
- Standard Deviation: 0.00

**REC\_NREC Preload Scholar or Non-Recipients**

Location: 19-20 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Question: Preload Scholar or Non-Recipients

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
1	Scholar	2405	64.4 %
2	Non-Recipient	1331	35.6 %

Based upon 3736 valid cases out of 3736 total cases.

- Mean: 1.36
- Median: 1.00
- Mode: 1.00



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- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.48

**SCH\_YR                      Preload School Year**

Location:                      21-22 (width: 2; decimal: 0)  
 Variable Type:                numeric  
 Question:                      Preload School Year

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
1	2000-2001	3736	100.0 %
2	2001-2002	0	0.0 %
3	2002-2003	0	0.0 %
4	2003-2004	0	0.0 %
5	2004-2005	0	0.0 %

Based upon 3736 valid cases out of 3736 total cases.

- Mean: 1.00
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 1.00
- Standard Deviation: 0.00

**NCOGDUPE                      Multiple noncognitive scores - means used**

Location:                      23-24 (width: 2; decimal: 0)  
 Variable Type:                numeric  
 Range of Missing Values (M): -5  
 Question:                      Multiple noncognitive scores - means used

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
0	No	3609	96.6 %
1	Yes	7	0.2 %
-5 (M)	Missing Data	120	3.2 %

Based upon 3616 valid cases out of 3736 total cases.

- Mean: 0.00
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.04

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**NCTOTAL                      Non-cognitive: Composite score**

Location:                      25-27 (width: 3; decimal: 0)  
 Variable Type:                numeric  
 Range of Missing Values (M): -5  
 Question:                      Non-cognitive: Composite score

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
42	-	1	0.0 %
46	-	1	0.0 %
48	-	1	0.0 %
50	-	3	0.1 %
52	-	5	0.1 %
54	-	8	0.2 %
56	-	8	0.2 %
58	-	13	0.3 %
60	-	20	0.5 %
62	-	34	0.9 %
64	-	44	1.2 %
66	-	73	2.0 %
68	-	93	2.5 %
70	-	134	3.6 %
72	-	229	6.1 %
74	-	213	5.7 %
76	-	213	5.7 %
78	-	237	6.3 %
80	-	246	6.6 %
82	-	233	6.2 %
84	-	249	6.7 %
86	-	272	7.3 %
88	-	257	6.9 %
90	-	272	7.3 %
92	-	259	6.9 %
93	-	1	0.0 %
94	-	228	6.1 %
96	-	269	7.2 %
-5 (M)	Missing Data	120	3.2 %

Based upon 3616 valid cases out of 3736 total cases.

- Mean: 82.17
- Median: 82.00
- Minimum: 42.00
- Maximum: 96.00

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- Standard Deviation: 9.36

**NCSUBSR1 Non-cognitive: Positive self-concept**

Location: 28-29 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Positive self-concept

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
4	-	28	0.7 %
6	-	1258	33.7 %
7	-	3	0.1 %
8	-	2322	62.2 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 7.27
- Median: 8.00
- Mode: 8.00
- Minimum: 4.00
- Maximum: 8.00
- Standard Deviation: 0.99

**NCSUBSR2 Non-cognitive: Realistic self-appraisal**

Location: 30-31 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Realistic self-appraisal

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
2	-	1	0.0 %
4	-	53	1.4 %
6	-	1461	39.1 %
7	-	2	0.1 %
8	-	2094	56.0 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 7.13
- Median: 8.00
- Mode: 8.00
- Minimum: 2.00

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- Maximum: 8.00
- Standard Deviation: 1.05

**NCSUBSR3 Non-cognitive: Understand and navigate social system**

Location: 32-33 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Understand and navigate social system

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
2	-	1	0.0 %
4	-	135	3.6 %
5	-	1	0.0 %
6	-	1645	44.0 %
7	-	1	0.0 %
8	-	1828	48.9 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.94
- Median: 8.00
- Mode: 8.00
- Minimum: 2.00
- Maximum: 8.00
- Standard Deviation: 1.14

**NCSUBSR4 Non-cognitive: Pref long-range goals over short-term/immed. needs**

Location: 34-35 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Pref long-range goals over short-term/immed. needs

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
4	-	53	1.4 %
6	-	1208	32.3 %
7	-	1	0.0 %
8	-	2349	62.9 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 7.27
- Median: 8.00

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- Mode: 8.00
- Minimum: 4.00
- Maximum: 8.00
- Standard Deviation: 1.02

**NCSUBSR5 Non-cognitive: Availability of strong support person**

Location: 36-37 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Availability of strong support person

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
4	-	373	10.0 %
5	-	1	0.0 %
6	-	1964	52.6 %
7	-	2	0.1 %
8	-	1271	34.0 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.50
- Median: 6.00
- Mode: 6.00
- Minimum: 4.00
- Maximum: 8.00
- Standard Deviation: 1.25

**NCSUBSR6 Non-cognitive: Leadership**

Location: 38-39 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Leadership

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
2	-	6	0.2 %
4	-	294	7.9 %
5	-	2	0.1 %
6	-	1865	49.9 %
7	-	2	0.1 %
8	-	1442	38.6 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

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- Mean: 6.63
- Median: 6.00
- Mode: 6.00
- Minimum: 2.00
- Maximum: 8.00
- Standard Deviation: 1.25

**NCSUBSR7 Non-cognitive: Community service/involvement**

Location: 40-41 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Community service/involvement

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
2	-	6	0.2 %
4	-	189	5.1 %
5	-	1	0.0 %
6	-	1739	46.5 %
7	-	3	0.1 %
8	-	1673	44.8 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.82
- Median: 6.00
- Mode: 6.00
- Minimum: 2.00
- Maximum: 8.00
- Standard Deviation: 1.19

**NCSUBSR8 Non-cognitive: Abil. to acquire knowledge in non-tradit. ways**

Location: 42-43 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Abil. to acquire knowledge in non-tradit. ways

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
4	-	217	5.8 %
5	-	1	0.0 %
6	-	1855	49.7 %
7	-	1	0.0 %
8	-	1537	41.1 %

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<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.73
- Median: 6.00
- Mode: 6.00
- Minimum: 4.00
- Maximum: 8.00
- Standard Deviation: 1.19

**NCSUBSR9 Non-cognitive: Rigor of course work**

Location: 44-45 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Rigor of course work

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
2	-	5	0.1 %
4	-	222	5.9 %
5	-	1	0.0 %
6	-	1767	47.3 %
8	-	1616	43.3 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.77
- Median: 6.00
- Mode: 6.00
- Minimum: 2.00
- Maximum: 8.00
- Standard Deviation: 1.21

**NCSUBSR10 Non-cognitive: Focus/continuity of course work**

Location: 46-47 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Focus/continuity of course work

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
2	-	3	0.1 %

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<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
4	-	131	3.5 %
5	-	1	0.0 %
6	-	1544	41.3 %
7	-	2	0.1 %
8	-	1930	51.7 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.99
- Median: 8.00
- Mode: 8.00
- Minimum: 2.00
- Maximum: 8.00
- Standard Deviation: 1.14

**NCSUBSR11 Non-cognitive: Math/science/foreign language courses**

Location: 48-49 (width: 2; decimal: 0)  
 Variable Type: numeric  
 Range of Missing Values (M): -5  
 Question: Non-cognitive: Math/science/foreign language courses

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
2	-	12	0.3 %
4	-	382	10.2 %
6	-	1737	46.5 %
7	-	2	0.1 %
8	-	1478	39.6 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.59
- Median: 6.00
- Mode: 6.00
- Minimum: 2.00
- Maximum: 8.00
- Standard Deviation: 1.33

**NCSUBSR12 Non-cognitive: Scholarly nature of essay**

Location: 50-51 (width: 2; decimal: 0)  
 Variable Type: numeric



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Range of Missing Values (M): -5

Question: Non-cognitive: Scholarly nature of essay

<i>Value</i>	<i>Label</i>	<i>Unweighted Frequency</i>	<i>%</i>
4	-	219	5.9 %
5	-	1	0.0 %
6	-	2222	59.5 %
7	-	2	0.1 %
8	-	1167	31.2 %
-5 (M)	Missing Data	125	3.3 %

Based upon 3611 valid cases out of 3736 total cases.

- Mean: 6.53
- Median: 6.00
- Mode: 6.00
- Minimum: 4.00
- Maximum: 8.00
- Standard Deviation: 1.12

# Gates Millennium Scholars Tracking and Longitudinal Study

Cohort I 2000 Continuing Undergraduate  
Recipient / Non-Recipient  
Non-Cognitive Scores

## CODEBOOK

**Produced for  
The Bill and Melinda Gates Foundation by**

**The National Opinion Research Center at  
The University of Chicago**

*<February 2003>*

**NORC** at the UNIVERSITY OF CHICAGO  
*Innovative solutions in research and technology*

Abstract:

This data file contains non-cognitive total and distribution scores for Cohort 1 Scholars (recipients) and non-recipients who applied for GMS funds for the 2000-2001 academic year as Continuing Undergraduates. Non-cognitive scores were used in the scholar selection process. For Cohort 1, there are twelve non-cognitive sub-scores, based on ratings from two raters, and a total score. In a few instances, there were two sets of non-cognitive scores for an individual; here mean scores were substituted in the data with a duplicate flag variable set to 1. Non-cognitive scores can be merged to other data files using the su\_id variable. The non-cognitive scores and other background information were supplied by United Negro College Fund (UNCF).

For background information on non-cognitive scores, please see Prof. William Sedlacek's book and research papers.

Sedlacek, W. E. (2004). *Beyond the Big Test: Noncognitive Assessment in Higher Education*, Jossey-Bass, New Jersey.

Sedlacek, W. E. (1996). An empirical method of determining nontraditional group status. *Measurement and Evaluation in Counseling and Development*, 28, 200-210.

Additional references are available on Prof. Sedlacek's website:

<http://williamsedlacek.info>

**Variable: su\_id Character Pos: 1-8**

Respondent ID:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: pl\_2 Numeric Pos: 9-10**

Preload Population Type:

RESPONSE	FREQ	PCT	VALID PCT
2 : 2000 Continuing Undergraduate Recipients	2405	64.4%	64.4%
6 : 2000 Continuing Undergraduate Non-recipients	1331	35.6%	35.6%
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: race\_db Numeric Pos: 11-12**

Preload Race:

RESPONSE	FREQ	PCT	VALID PCT
1 : African Americans	1318	35.3%	35.3%
2 : American Indians	376	10.1%	10.1%
3 : Asian/Pacific Islanders	976	26.1%	26.1%
4 : Hispanic Americans	1066	28.5%	28.5%
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: sex\_db Numeric Pos: 13-14**

Preload Sex/Gender:

RESPONSE	FREQ	PCT	VALID PCT
1 : Male	715	19.1%	19.1%
2 : Female	1690	45.2%	45.2%
3 : Unknown	1331	35.6%	35.6%
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: pell\_db Numeric Pos: 15-16**

Preload Pell Grant Eligibility:

RESPONSE	FREQ	PCT	VALID PCT
1 : Pell-Eligible	2429	65.0%	65.0%
2 : Pell-Ineligible	1307	35.0%	35.0%
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: sel\_nsel Numeric Pos: 17-18**

Preload Select or No-select:

RESPONSE	FREQ	PCT	VALID PCT
1 : Select	3736	100.0%	100.0%
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: rec\_nrec Numeric Pos: 19-20**

Preload Scholar or Non-Recipients:

RESPONSE	FREQ	PCT	VALID PCT
1 : Scholar	2405	64.4%	64.4%
2 : Non-Recipient	1331	35.6%	35.6%
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: sch\_yr Numeric Pos: 21-22**

Preload School Year:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3736	100.0%	100.0%
<b>RESERVED CODES:</b>			
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: ncogdupe Numeric Pos: 23-24**

Multiple noncognitive scores - means used:

RESPONSE	FREQ	PCT	VALID PCT
0 : No	3609	96.6%	99.8%
1 : Yes	7	0.2%	0.2%
<b>VALID TOTALS:</b>	3616	96.8%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	120	3.2%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

**Variable: nctotal Numeric Pos: 25-27**

Non-cognitive: Composite score:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3616	96.8%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	120	3.2%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
82.17	82.00	42	96	9.364

**Variable: ncsubsr1 Numeric Pos: 28-29**

Non-cognitive: Positive self-concept:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
7.27	8.00	4	8	0.994

**Variable: ncsubsr2 Numeric Pos: 30-31**

Non-cognitive: Realistic self-appraisal:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
7.13	8.00	2	8	1.052

**Variable: ncsubsr3 Numeric Pos: 32-33**

Non-cognitive: Understand and navigate social system:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.94	8.00	2	8	1.141

**Variable: ncsubsr4 Numeric Pos: 34-35**

Non-cognitive: Pref long-range goals over short-term/immed. needs:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
7.27	8.00	4	8	1.022

**Variable: ncsubsr5 Numeric Pos: 36-37**

Non-cognitive: Availability of strong support person:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.50	6.00	4	8	1.255

**Variable: ncsubsr6 Numeric Pos: 38-39**

Non-cognitive: Leadership:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.63	6.00	2	8	1.247

**Variable: ncsubsr7 Numeric Pos: 40-41**

Non-cognitive: Community service/involvement:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.82	6.00	2	8	1.194

**Variable: ncsubsr8 Numeric Pos: 42-43**

Non-cognitive: Abil. to acquire knowledge in non-tradit. ways:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.73	6.00	4	8	1.187

**Variable: ncsubsr9 Numeric Pos: 44-45**

Non-cognitive: Rigor of course work:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.77	6.00	2	8	1.213

**Variable: ncsubsr10 Numeric Pos: 46-47**

Non-cognitive: Focus/continuity of course work:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.99	8.00	2	8	1.145

**Variable: ncsubsr11 Numeric Pos: 48-49**

Non-cognitive: Math/science/foreign language courses:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.59	6.00	2	8	1.327

**Variable: ncsubsr12 Numeric Pos: 50-51**

Non-cognitive: Scholarly nature of essay:

RESPONSE	FREQ	PCT	VALID PCT
<b>VALID TOTALS:</b>	3611	96.7%	100.0%
<b>RESERVED CODES:</b>			
-5 : Missing Data	125	3.3%	(miss)
<b>TOTALS:</b>	3736	100.0%	100.0%

MEAN	Median	MIN	MAX	STDDev
6.53	6.00	4	8	1.123

*GMS Cohort 1 Continuing Undergraduate Non-Cognitive Scores Codebook*  
*Variable List – File Position Order*

Variable List      File position order

<b>Variable name</b>	<b>Label</b>	<b>Page</b>
su_id	Respondent ID	1
pl_2	Preload Population Type	1
race_db	Preload Race	1
sex_db	Preload Sex/Gender	1
pell_db	Preload Pell Grant Eligibility	1
sel_nsel	Preload Select or No-select	1
rec_nrec	Preload Scholar or Non-Recipients	1
sch_yr	Preload School Year	1
ncogdupe	Multiple noncognitive scores - means used	1
nctotal	Non-cognitive: Composite score	2
ncsubsr1	Non-cognitive: Positive self-concept	2
ncsubsr2	Non-cognitive: Realistic self-appraisal	2
ncsubsr3	Non-cognitive: Understand and navigate social system	2
ncsubsr4	Non-cognitive: Pref long-range goals over short-term/immed. needs	2
ncsubsr5	Non-cognitive: Availability of strong support person	2
ncsubsr6	Non-cognitive: Leadership	2
ncsubsr7	Non-cognitive: Community service/involvement	3
ncsubsr8	Non-cognitive: Abil. to acquire knowledge in non-tradit. ways	3
ncsubsr9	Non-cognitive: Rigor of course work	3
ncsubsr10	Non-cognitive: Focus/continuity of course work	3
ncsubsr11	Non-cognitive: Math/science/foreign language courses	3
ncsubsr12	Non-cognitive: Scholarly nature of essay	3

*GMS Cohort 1 Continuing Undergraduate Non-Cognitive Scores Codebook*  
*Variable List – Alphabetic Order*

<b>Variable name</b>	<b>Page</b>
ncogdupe	1
ncsubsr1	2
ncsubsr10	3
ncsubsr11	3
ncsubsr12	3
ncsubsr2	2
ncsubsr3	2
ncsubsr4	2
ncsubsr5	2
ncsubsr6	2
ncsubsr7	3
ncsubsr8	3
ncsubsr9	3
nctotal	2
pell_db	1
pl_2	1
race_db	1
rec_nrec	1
sch_yr	1
sel_nsel	1
sex_db	1
su_id	1