



ETS Proficiency Profile 2012-2013 (Senior Exit Test)

Office of Institutional Effectiveness
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Andrews University

ETS® Proficiency Profile 2012-2013

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Summary of Scaled Scores

To show the ability of the group taking the test

Test Description: Standard Form B

Cohort Name: Fall 2012 - Summer 2013

Number of students tested: 381

Close Date: 08/02/2013

Number of students included in these statistics: 366

Student Level: All Seniors

Number of students excluded (see roster): 15

	Possible Range	Mean Score	95% Confidence Limits* for Mean	Standard Deviation	25th Percentile	50th Percentile	75th Percentile
Total Score							
	400 to 500	448.33	447 to 449	21.70	431	447	464
Skills Subscores:							
Critical Thinking	100 to 130	113.79	113 to 115	7.01	109	114	119
Reading	100 to 130	119.46	119 to 120	6.87	115	120	125
Writing	100 to 130	115.13	114 to 116	5.73	111	115	120
Mathematics	100 to 130	114.21	113 to 115	6.90	109	113	119
Context-Based Subscores:							
Humanities	100 to 130	116.83	116 to 118	6.91	111	117	122
Social Sciences	100 to 130	114.49	114 to 115	7.15	108	114	119
Natural Sciences	100 to 130	116.93	116 to 118	6.11	112	117	121

*The confidence limits are based on the assumption that the questions contributing to each scaled score are a sample from a much larger set of possible questions that could have been used to measure those same skills. If the group of students taking the test is a sample from some larger population of students eligible to be tested, the confidence limits include both sampling of students and sampling of questions as factors that could cause the mean score to vary. The confidence limits indicate the precision of the mean score of the students actually tested, as an estimate of the "true population mean" - the mean score that would result if all the students in the population could somehow be tested with all possible questions. These confidence limits were computed by a procedure that has a 95 percent probability of producing upper and lower limits that will surround the true population mean. The population size used in the calculation of the

confidence limits for the mean scores in this report is 366.

Comparative Data

Scores below represent Andrews compared with institutional mean scores for seniors at all institution types from July 2007 through June 2012. Total number of institutions = 301.

	Possible Range	Mean Score	95% Confidence Limits* for Mean	Standard Deviation	Percent Insti. Below	All Institutions Mean	Deviation from Mean of All Institutions
Total Score	400 to 500	448.33	447 to 449	21.70	57	446.89	1.44
Skills Subscores:							
Critical Thinking	100 to 130	113.79	113 to 115	7.01	54	112.64	1.15
Reading	100 to 130	119.46	119 to 120	6.87	47	118.79	0.67
Writing	100 to 130	115.13	114 to 116	5.73	58	114.63	0.50
Mathematics	100 to 130	114.21	113 to 115	6.90	52	113.92	0.29
Context-Based Subscores:							
Humanities	100 to 130	116.83	116 to 118	6.91	59	115.56	1.27
Social Sciences	100 to 130	114.49	114 to 115	7.15	37	114.30	0.19
Natural Sciences	100 to 130	116.93	116 to 118	6.11	50	115.85	1.08

Demographic Analysis Reports

The mean score is presented on the top of each cell, with the standard deviation below in parentheses. Because the "gender" field is optional, the sum total of the male and female counts may not sum to the total group.

Gender

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
Male	151	450.19 (22.14)	113.80 (7.20)	119.55 (6.74)	115.34 (6.02)	116.00 (7.20)	116.34 (7.06)	114.82 (7.01)	117.06 (5.95)
Female	190	447.09 (21.30)	113.84 (6.93)	119.65 (6.74)	115.05 (5.53)	112.69 (6.28)	117.36 (6.70)	114.40 (7.18)	116.91 (6.25)

Age

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
20 - 29	347	449.10 (21.72)	114.03 (6.99)	119.57 (6.89)	115.31 (5.76)	114.49 (6.88)	116.98 (6.90)	114.62 (7.20)	117.12 (6.09)
30 - 39	13	437.38 (15.63)	110.23 (5.99)	118.15 (6.75)	112.77 (4.15)	110.15 (4.72)	115.08 (6.67)	112.54 (6.36)	114.08 (5.61)
40 - 49	5	422.20 (6.49)	105.80 (2.40)	114.40 (3.32)	109.20 (1.94)	105.60 (3.67)	110.00 (3.58)	109.60 (0.80)	110.20 (2.48)
60 - 69	1	454.00 (0.00)	117.00 (0.00)	125.00 (0.00)	112.00 (0.00)	115.00 (0.00)	122.00 (0.00)	119.00 (0.00)	120.00 (0.00)

Best Language

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
Yes	267	450.78 (21.15)	114.75 (6.68)	120.10 (6.62)	115.93 (5.52)	114.44 (6.82)	117.46 (6.74)	115.52 (6.97)	117.49 (5.92)
No	58	446.95 (23.98)	112.48 (7.98)	118.52 (7.68)	114.33 (6.35)	115.52 (7.01)	116.57 (7.45)	112.76 (7.81)	116.09 (6.98)
Equally well in English and another language	41	434.37 (15.48)	109.37 (5.48)	116.68 (6.44)	111.07 (4.01)	110.90 (6.23)	113.07 (5.87)	110.17 (4.88)	114.46 (5.20)

Ethnicity

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
African American	69	440.78 (19.25)	111.71 (6.49)	117.61 (6.85)	113.70 (4.99)	111.58 (6.05)	115.30 (6.72)	111.99 (6.64)	115.32 (5.53)
Black Hispanic	6	433.50 (13.30)	109.33 (6.10)	116.33 (4.11)	112.67 (3.90)	109.67 (4.19)	114.50 (3.20)	111.17 (4.98)	111.50 (5.50)
Hispanic	35	439.09 (20.27)	111.11 (6.13)	118.11 (6.48)	112.60 (4.55)	111.17 (7.33)	114.69 (7.01)	112.37 (6.13)	115.11 (5.68)
Latino	11	432.09 (19.05)	108.82 (6.42)	114.55 (6.26)	110.36 (4.79)	111.45 (6.26)	112.27 (5.94)	108.36 (4.89)	114.09 (5.65)
American Indian or Alaskan Native	3	444.00 (35.01)	113.67 (11.03)	115.67 (10.34)	113.33 (6.94)	113.67 (7.85)	117.67 (8.22)	112.33 (12.55)	116.00 (10.71)
Other/Decline	60	445.53 (20.65)	113.43 (7.19)	120.12 (6.22)	114.65 (5.53)	111.43 (5.92)	116.90 (6.93)	114.90 (7.06)	116.78 (5.92)
Asian, Asian American or Pacific Islander	48	447.15 (19.90)	112.54 (6.34)	117.63 (7.54)	113.88 (6.22)	117.06 (6.28)	116.02 (6.71)	112.23 (6.22)	115.67 (5.97)
White	134	458.40 (20.01)	116.77 (6.39)	121.77 (6.18)	117.74 (5.28)	117.03 (6.32)	118.89 (6.55)	117.65 (6.66)	119.24 (5.72)

Hours Working

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
0	73	447.37 (19.08)	113.04 (5.99)	119.14 (6.24)	115.07 (5.56)	114.71 (6.60)	116.71 (5.84)	113.74 (6.05)	116.15 (6.08)
1 - 15	177	451.46 (22.01)	114.76 (6.97)	120.29 (6.77)	115.71 (5.86)	115.14 (7.05)	117.53 (6.90)	115.29 (7.29)	117.87 (5.87)
16 - 30	97	444.08 (21.47)	112.72 (7.28)	118.54 (7.12)	114.21 (5.09)	112.39 (6.45)	116.06 (7.17)	113.70 (7.35)	115.97 (6.20)
more than 30	19	444.58 (24.50)	113.00 (8.21)	117.74 (7.81)	114.74 (7.36)	112.95 (6.75)	114.63 (8.39)	113.84 (7.86)	116.00 (6.67)

Enrollment Status

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
Full Time	333	447.88 (21.59)	113.72 (6.96)	119.46 (6.84)	114.90 (5.63)	114.05 (6.89)	116.88 (6.80)	114.46 (7.08)	116.81 (6.12)
Part Time	33	452.85 (22.24)	114.45 (7.44)	119.55 (7.18)	117.45 (6.19)	115.85 (6.79)	116.30 (7.88)	114.79 (7.77)	118.06 (5.93)

GPA

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
3.50 - 4.00	146	459.01 (20.84)	116.85 (6.65)	121.96 (6.45)	117.82 (5.65)	117.19 (6.43)	119.57 (6.51)	117.25 (7.31)	119.39 (5.79)
3.00 - 3.49	129	443.43 (19.62)	112.63 (6.48)	118.53 (6.70)	113.80 (4.91)	112.63 (6.58)	116.06 (6.37)	113.25 (6.68)	115.91 (5.71)
2.50 - 2.99	79	439.22 (17.77)	110.86 (6.20)	117.15 (6.43)	113.08 (5.03)	111.81 (6.28)	113.76 (6.53)	112.35 (5.71)	114.52 (5.65)
2.00 - 2.49	12	431.08 (19.03)	108.25 (6.33)	114.33 (5.82)	110.25 (5.42)	110.83 (6.20)	111.92 (6.17)	108.17 (5.79)	113.75 (6.25)

Transfer Status

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	366	448.33 (21.70)	113.79 (7.01)	119.46 (6.87)	115.13 (5.73)	114.21 (6.90)	116.83 (6.91)	114.49 (7.15)	116.93 (6.11)
Not a transfer	225	450.10 (22.51)	114.23 (7.03)	119.83 (7.16)	115.59 (5.99)	114.79 (7.21)	117.40 (6.87)	114.95 (7.39)	117.20 (6.26)
0 - 15 hours transferred	26	450.88 (23.40)	114.38 (7.84)	119.23 (7.07)	116.88 (4.54)	114.58 (7.69)	117.19 (7.25)	114.69 (7.35)	116.81 (6.69)
16 - 30 hours transferred	38	446.13 (17.95)	113.53 (6.05)	120.42 (5.08)	114.66 (5.26)	112.34 (5.53)	117.32 (5.54)	114.84 (6.25)	116.47 (5.63)
Over 30 hours transferred	77	443.38 (19.36)	112.42 (6.90)	118.01 (6.51)	113.43 (5.11)	113.34 (5.96)	114.81 (7.13)	112.90 (6.54)	116.39 (5.64)

Appendix

ETS Proficiency Profile Summary of Scaled Scores 2011-2012

To show the ability of the group taking the test

Test Description: Standard Form A

Number of students tested: 366

Number of students included in these statistics: 359

Cohort Name: Fall 2011 - Summer 2012

Close Date: 08/09/2012

Student Level: All Seniors

	Possible Range	Mean Score	95% Confidence Limits* for Mean	Standard Deviation	Percent Institutions Below	All Institutions Mean	Deviation from Mean of All Institutions
Total Score	400 to 500	450.77	450 to 452	22.17	71	445.75	5.02
Skills Subscores:							
Critical Thinking	100 to 130	114.74	114 to 116	7.13	79	112.40	2.34
Reading	100 to 130	119.54	119 to 120	6.82	53	118.49	1.05
Writing	100 to 130	116.02	115 to 117	4.91	83	114.41	1.61
Mathematics	100 to 130	114.45	114 to 115	7.09	59	113.54	0.91
Context-Based Subscores:							
Humanities	100 to 130	116.85	116 to 118	7.01	61	115.33	1.52
Social Sciences	100 to 130	115.84	115 to 117	6.93	69	114.10	1.74
Natural Sciences	100 to 130	117.16	116 to 118	6.32	77	115.64	1.52

*The confidence limits are based on the assumption that the questions contributing to each scaled score are a sample from a much larger set of possible questions that could have been used to measure those same skills. If the group of students taking the test is a sample from some larger population of students eligible to be tested, the confidence limits include both sampling of students and sampling of questions as factors that could cause the mean score to vary. The confidence limits indicate the precision of the mean score of the students actually tested, as an estimate of the "true population mean" - the mean score that would result if all the students in the population could somehow be tested with all possible questions. These confidence limits were computed by a procedure that has a 95 percent probability of producing upper and lower limits that will surround the true population mean. The population size used in the calculation of the confidence limits for the mean scores in this report is 366.