



ETS Proficiency Profile 2013-2014 (Senior Exit Test)

Office of Institutional Effectiveness
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Andrews University

ETS® Proficiency Profile 2013-2014

Contents

Contents	2
Summary of Scaled Scores	3
Comparative Data	4
Demographic Analysis Reports	5
Gender	5
Age	5
Best Language	6
Ethnicity	6
Hours Working	7
Enrollment Status	7
GPA	7
Transfer Status	8

Summary of Scaled Scores

To show the ability of the group taking the test

Test Description: Standard Form B

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Number of students tested: 368

Number of students included in these statistics: 354

Cohort Name: Fall 2013-Summer 2014

Close Date: 05/06/2014

Student Level: All Seniors

	Possible Range	Mean Score	95% Confidence Limits* for Mean	Standard Deviation	25th Percentile	50th Percentile	75th Percentile
Total Score	400 to 500	448.62	447 to 450	21.81	432	449	464
Skills Subscores:							
Critical Thinking	100 to 130	113.74	113 to 115	6.90	109	114	119
Reading	100 to 130	119.01	118 to 120	7.50	115	120	125
Writing	100 to 130	115.31	115 to 116	5.84	111	116	120
Mathematics	100 to 130	114.83	114 to 116	6.66	111	113	119
Context-Based Subscores:							
Humanities	100 to 130	116.72	116 to 118	7.17	111	117	123
Social Sciences	100 to 130	114.23	113 to 115	7.09	108	114	119
Natural Sciences	100 to 130	116.66	116 to 117	6.30	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 354.

Comparative Data

Scores below represent Andrews compared with institutional mean scores for seniors at all institution types from July 2008 through June 2013. Total number of institutions = 307.

	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	448.62	447 to 450	21.81	54	446.94	1.68
Skills Subscores:							
Critical Thinking	100 to 130	113.74	113 to 115	6.90	57	112.57	1.17
Reading	100 to 130	119.01	118 to 120	7.50	46	118.77	0.24
Writing	100 to 130	115.31	115 to 116	5.84	59	114.65	0.66
Mathematics	100 to 130	114.83	114 to 116	6.66	50	114.00	0.83
Context-Based Subscores:							
Humanities	100 to 130	116.72	116 to 118	7.17	61	115.52	1.20
Social Sciences	100 to 130	114.23	113 to 115	7.09	42	114.19	0.04
Natural Sciences	100 to 130	116.66	116 to 117	6.30	49	115.85	0.81

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	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
Male	135	451.41 (23.00)	114.10 (7.16)	119.65 (7.32)	115.39 (6.07)	116.66 (7.10)	117.10 (7.43)	114.47 (7.18)	117.31 (6.18)
Female	201	446.42 (20.26)	113.41 (6.55)	118.46 (7.47)	115.16 (5.65)	113.61 (5.98)	116.40 (6.84)	113.99 (6.88)	116.04 (6.26)

Age

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
<20	4	470.50 (21.79)	118.50 (7.09)	125.25 (5.45)	121.75 (2.28)	119.50 (7.63)	121.50 (5.59)	121.75 (4.60)	122.25 (8.67)
20 - 29	331	449.03 (21.64)	113.80 (6.90)	119.09 (7.51)	115.44 (5.80)	115.01 (6.61)	116.75 (7.19)	114.21 (7.10)	116.81 (6.23)
30 - 39	14	431.79 (13.22)	109.93 (4.83)	114.93 (5.71)	111.14 (4.72)	109.14 (4.29)	113.36 (5.91)	111.36 (3.77)	111.93 (4.57)

Best Language

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
English	252	451.35 (21.95)	114.49 (6.99)	119.69 (7.27)	116.13 (5.65)	115.45 (6.92)	117.29 (7.24)	115.00 (7.10)	117.23 (6.20)
Not English	62	443.10 (20.02)	112.06 (6.38)	116.95 (8.19)	113.53 (5.83)	114.29 (5.64)	115.42 (7.17)	112.16 (6.94)	115.34 (6.43)
Equally well English & another language	40	440.00 (19.62)	111.60 (6.16)	117.93 (7.06)	112.88 (5.78)	111.73 (5.41)	115.10 (6.14)	112.58 (6.28)	115.13 (6.17)

Ethnicity

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
African American	77	441.57 (19.58)	111.22 (6.90)	117.56 (6.79)	114.35 (5.80)	112.27 (5.20)	114.55 (7.13)	112.48 (6.58)	115.16 (6.30)
Black Hispanic	5	431.80 (14.36)	106.80 (4.12)	116.00 (7.27)	113.00 (4.20)	109.00 (2.97)	111.60 (4.80)	109.60 (7.06)	113.00 (4.20)
Hispanic	37	443.92 (21.45)	112.57 (6.15)	118.49 (7.29)	114.19 (6.14)	113.24 (6.17)	116.14 (6.19)	113.76 (6.70)	115.19 (6.12)
Latino	5	450.80 (22.09)	114.60 (6.50)	122.20 (5.34)	114.00 (4.56)	114.80 (7.30)	117.80 (7.73)	116.20 (6.71)	118.80 (3.19)
Other/ Decline	39	448.54 (21.67)	114.15 (6.58)	118.90 (7.36)	114.77 (5.80)	114.82 (7.01)	116.77 (7.57)	114.77 (6.07)	116.56 (6.19)
Asian, Asian American or Pacific Islander	54	446.13 (21.45)	112.28 (6.85)	116.57 (8.80)	113.98 (5.73)	116.50 (5.59)	115.20 (7.31)	111.98 (7.32)	115.56 (6.77)
White	135	455.90 (21.08)	116.27 (6.34)	121.10 (6.85)	117.10 (5.45)	116.38 (7.15)	118.96 (6.62)	116.30 (7.00)	118.51 (5.83)

Hours Working

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
0	61	443.18 (20.02)	111.79 (6.26)	116.56 (8.16)	113.90 (5.45)	114.57 (6.16)	114.25 (7.37)	111.72 (6.58)	115.70 (6.27)
1 - 15	193	452.96 (22.14)	114.97 (6.97)	120.36 (7.15)	116.33 (5.84)	115.83 (6.72)	117.90 (7.17)	115.42 (7.18)	117.84 (6.07)
16 - 30	82	442.93 (19.45)	112.22 (6.39)	117.94 (7.03)	113.96 (5.50)	112.91 (5.98)	115.82 (6.45)	113.26 (6.51)	114.85 (6.24)
more than 30	18	446.56 (23.77)	114.06 (7.55)	117.78 (7.69)	115.28 (6.40)	113.61 (8.27)	116.50 (6.87)	114.44 (7.41)	115.44 (6.45)

Enrollment Status

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
Full Time	338	448.70 (21.50)	113.75 (6.75)	118.99 (7.40)	115.28 (5.78)	114.96 (6.62)	116.69 (7.06)	114.22 (6.95)	116.65 (6.28)
Part Time	16	447.00 (27.53)	113.56 (9.60)	119.63 (9.23)	115.88 (6.95)	112.00 (7.04)	117.38 (9.20)	114.50 (9.53)	116.88 (6.85)

GPA

	Number	Total Score	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Total Group	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
3.50 - 4.00	161	459.03 (18.63)	116.72 (6.09)	122.15 (6.17)	117.72 (4.65)	117.51 (6.55)	119.60 (6.30)	117.12 (6.68)	119.27 (5.51)
3.00 - 3.49	129	441.55 (20.44)	111.65 (6.49)	116.50 (7.58)	113.80 (5.80)	113.12 (6.13)	114.15 (7.17)	112.26 (6.50)	114.85 (6.08)
2.50 - 2.99	60	437.18 (19.75)	110.63 (6.42)	116.13 (7.37)	112.52 (6.24)	111.68 (5.08)	114.62 (6.26)	111.17 (6.35)	113.77 (6.10)
2.00 - 2.49	3	437.00 (21.28)	109.33 (8.26)	119.00 (6.98)	110.67 (3.40)	111.33 (5.73)	116.67 (11.03)	109.33 (6.94)	115.00 (4.24)

Transfer Status

	Number	Total Score	Critical Thinking	Reading	Writing	Math	Humanities	Social Sciences	Natural Sciences
Total Group	354	448.62 (21.81)	113.74 (6.90)	119.01 (7.50)	115.31 (5.84)	114.83 (6.66)	116.72 (7.17)	114.23 (7.09)	116.66 (6.30)
Not a transfer	226	453.01 (21.47)	114.78 (6.83)	120.23 (7.02)	116.72 (5.43)	115.87 (6.96)	117.74 (7.06)	115.22 (7.02)	117.70 (6.17)
0 - 15 hours transferred	27	439.48 (22.24)	110.59 (6.67)	116.56 (8.46)	113.00 (6.50)	112.81 (5.95)	114.11 (7.79)	111.41 (6.69)	114.41 (6.20)
16 - 30 hours transferred	22	434.86 (14.91)	111.09 (4.26)	115.00 (6.05)	111.55 (5.17)	111.09 (4.10)	113.73 (5.04)	111.27 (5.36)	113.32 (4.41)
Over 30 hours transferred	79	443.03 (20.36)	112.57 (7.05)	117.49 (7.95)	113.13 (5.53)	113.58 (5.79)	115.51 (7.14)	113.20 (7.21)	115.38 (6.40)