

Course Placement Service Report



SOUTHERN ARKANSAS UNIVERSITY (0142)
Magnolia, AR

Placement Group: IN-STATE

Subject Area: Reading

Data Cohort: 20152016

Date of Report: May 22, 2017

Table of Contents

Page

Reading

IN-STATE	1
Summary of Placement Variables by Course	2
Summary of Course Outcomes	3
 PSYCH/SOC	
ACT Reading Score	4
High School Social Studies Grade Average	6
ACT Reading Score	8
and High School Social Studies Grade Average	
 Logistic Regression Weights and Correlations	11

Course Placement Report

Information for Making Placement Decisions

Placement Group: IN-STATE

Summary of Placement Variables

This table summarizes the placement variables used in requested analyses for each reference course. The table shows number of students, mean value, and standard deviation.

The descriptive statistics for course completers are based on students who receive A-F grades. However, if you chose to treat W grades as unsuccessful outcomes, the statistics will also include students with W grades.

		IN-STATE			Students who completed course		
Reference course	Placement variable	N	Mean	SD	N	Mean	SD
PSYCH/SOC	ACT Reading Score	542	21.2	5.1	143	22.4	4.3
	High School Social Studies Grade Average	490	3.4	0.6	132	3.6	0.5
	ACT Reading Score and High School Social Studies Grade Average	490	21.4 3.4	5.2 0.6	132	22.4 3.6	4.3 0.5

Summary of Course Outcomes

This table summarizes the course outcomes used in requested analyses for each reference course.

The table shows number of students, mean course grade, standard deviation, percent B or higher, percent C or higher, total of just W and I grades, and W grades not treated as successful.

		Grades used in analysis						
Reference course	Placement variable	N	Mean	SD	Percent B or higher	Percent C or higher	Total of W and I grades	W grades treated as not successful
PSYCH/SOC	ACT Reading Score	143	2.5	1.3	54	76	9	Yes
	High School Social Studies Grade Average	132	2.6	1.3	58	79	8	Yes
	ACT Reading Score and High School Social Studies Grade Average	132	2.6	1.3	58	79	8	Yes

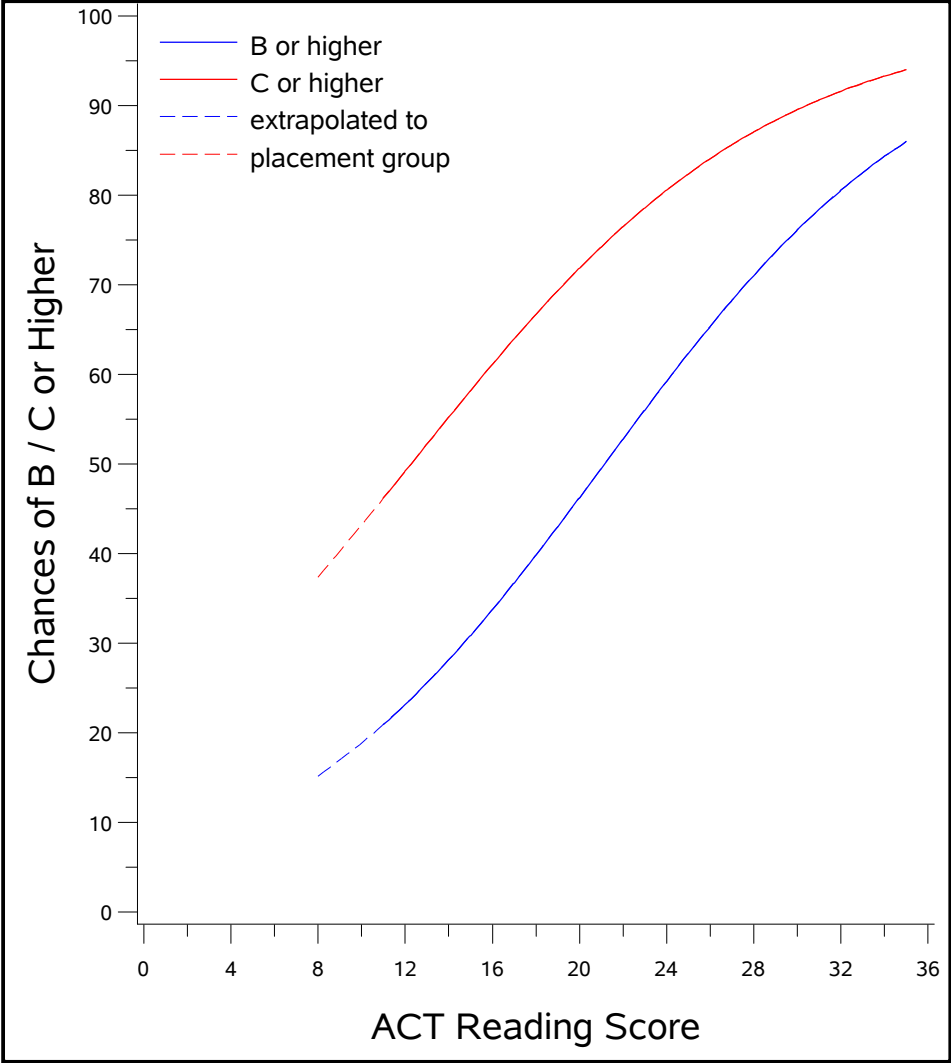
This table and graph report students' chances of achieving a B / C or higher in PSYCH/SOC, given their ACT Reading Score. For example, the chance that a student with an ACT Reading Score of 22 would obtain a B or higher in PSYCH/SOC is 53%.

If present, the boldface scores labeled as Opt. B and Opt. C in the table show the cutoff scores that are associated with the maximum accuracy rate. The information in the table and graph can be used to advise students about their chances of success in PSYCH/SOC.

Chance of Success in PSYCH/SOC,
Given ACT Reading Score

ACT Reading Score		Chance of success (B or higher)	Chance of success (C or higher)
Opt. B	35	86	94
	34	84	93
	33	83	92
	32	81	92
	31	78	91
	30	76	90
	29	74	88
	28	71	87
	27	68	86
	26	65	84
	25	62	82
	24	59	81
	23	56	79
	22	53	76
	21	50	74
	20	46	72
	19	43	69
	18	40	67
	17	37	64
Opt. C	16	34	61
	15	31	58
	14	28	55
	13	26	52
	12	23	49
	11	21	46
	8	15	37

Chance of Success in PSYCH/SOC,
Given ACT Reading Score



Placement Information for PSYCH/SOC Using ACT Reading Score

This table shows the effects of using different ACT Reading Score cutoffs in PSYCH/SOC. For example, if you were to require students to have an ACT Reading Score of at least 22 to be placed into PSYCH/SOC, then you would expect:

- about 56% of your students would be placed in a lower-level course
- about 62% of your placement decisions would be correct
- about 64% of those placed in PSYCH/SOC would obtain a B or higher

ACT Reading Score			B or higher		C or higher	
		Percent placed in lower-level course	Accuracy rate	Success rate	Accuracy rate	Success rate
	35	99	50	86	27	94
	34	99	51	85	28	93
	33	98	51	84	29	93
	32	96	53	82	30	92
	31	94	54	81	32	92
	30	91	55	80	34	91
	29	89	56	78	36	91
	28	87	57	77	38	90
	27	84	58	76	39	89
	26	81	59	74	41	88
	25	78	60	72	44	88
	24	73	61	70	47	86
Opt. B	23	64	62	67	52	84
	22	56	62	64	56	83
	21	49	62	62	60	82
	20	40	62	60	63	80
	19	30	60	57	67	79
	18	23	59	56	70	78
	17	17	57	54	71	77
	16	13	56	53	72	76
Opt. C	15	8	54	52	73	75
	14	5	53	52	73	74
	13	3	52	51	73	74
	12	1	51	50	73	73
	11	0	50	50	73	73
	8		50	50	73	73

If present, the shaded rows highlight the optimal cutoff scores (i.e., those that lead to the highest percentage of correct placement decisions).

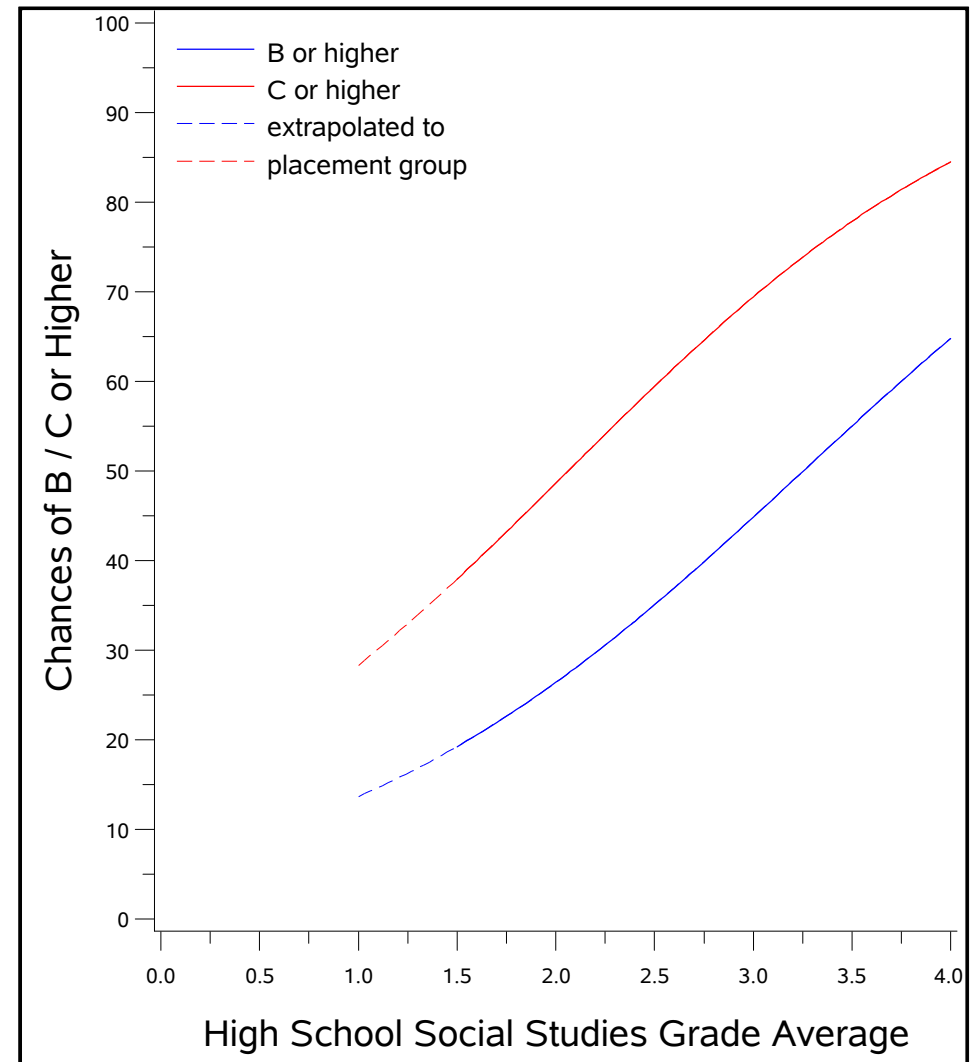
This table and graph report students' chances of achieving a B / C or higher in PSYCH/SOC, given their High School Social Studies Grade Average. For example, the chance that a student with a High School Social Studies Grade Average of 2.5 would obtain a B or higher in PSYCH/SOC is 35%.

If present, the boldface scores labeled as Opt. B and Opt. C in the table show the cutoff scores that are associated with the maximum accuracy rate. The information in the table and graph can be used to advise students about their chances of success in PSYCH/SOC.

**Chance of Success in PSYCH/SOC,
Given High School Social Studies Grade Average**

High School Social Studies Grade Average		Chance of success (B or higher)	Chance of success (C or higher)
Opt. B	4.0	65	85
	3.9	63	83
	3.8	61	82
	3.7	59	81
	3.6	57	79
	3.5	55	78
	3.4	53	76
	3.3	51	75
	3.2	49	73
	3.0	45	69
	2.8	41	66
	2.7	39	64
Opt. C	2.6	37	62
	2.5	35	59
	2.4	33	57
	2.3	31	55
	2.2	30	53
	2.0	26	49
	1.8	23	44
	1.7	22	42
	1.6	21	40
	1.5	19	38
	1.3	17	34
	1.0	14	28

**Chance of Success in PSYCH/SOC,
Given High School Social Studies Grade Average**



Placement Information for PSYCH/SOC Using High School Social Studies Grade Average

This table shows the effects of using different High School Social Studies Grade Average cutoffs in PSYCH/SOC. For example, if you were to require students to have a High School Social Studies Grade Average of at least 2.5 to be placed into PSYCH/SOC, then you would expect:

- about 9% of your students would be placed in a lower-level course
- about 58% of your placement decisions would be correct
- about 57% of those placed in PSYCH/SOC would obtain a B or higher

High School Social Studies Grade Average			B or higher		C or higher	
		Percent placed in lower-level course	Accuracy rate	Success rate	Accuracy rate	Success rate
Opt. B	4.0	65	56	65	48	85
	3.9	65	57	65	49	84
	3.8	55	59	64	55	84
	3.7	50	60	63	58	84
	3.6	47	60	63	60	83
	3.5	39	61	62	64	83
	3.4	38	61	62	65	83
	3.3	29	61	61	69	82
	3.2	28	61	60	69	81
	3.0	16	60	58	74	80
Opt. C	2.8	13	59	58	75	79
	2.7	11	59	57	76	79
	2.6	11	59	57	76	79
	2.5	9	58	57	76	78
	2.4	9	58	57	76	78
	2.3	7	57	56	76	78
	2.2	6	57	56	76	78
	2.0	2	55	55	76	77
	1.8	1	55	54	76	76
	1.7	1	55	54	76	76
	1.6	1	54	54	76	76
	1.5	0	54	54	76	76
	1.3	0	54	54	76	76
	1.0		54	54	76	76

If present, the shaded rows highlight the optimal cutoff scores (i.e., those that lead to the highest percentage of correct placement decisions).

Chance of a B or Higher in PSYCH/SOC, Given ACT Reading Score and High School Social Studies Grade Average

The matrix reports students' chances of achieving a B or higher in PSYCH/SOC, given their ACT Reading Score and High School Social Studies Grade Average. For example, the chance that a student with an ACT Reading Score of 17 and a High School Social Studies Grade Average of 2.2 would obtain a B or higher in PSYCH/SOC is 21%.

If present, the dark gold area shows the combinations of ACT Reading Score and High School Social Studies Grade Average values that are at or near a 50% chance level. The combinations that maximize the percentage of correct placement decisions (accuracy rate) always correspond to a chance of 50%.

High School Social Studies Grade Average

4.0	11	12	13	15	16	18	20	22	25	27	30	32	35	38	41	44	47	51	54	57	60	63	66	69	71	74	76	78	80	82	84	86	87	89	90	91
3.9	10	11	12	14	16	17	19	21	23	26	28	31	34	37	39	43	46	49	52	55	58	61	64	67	70	72	75	77	79	81	83	85	86	88	89	90
3.8	9	10	12	13	15	16	18	20	22	24	27	29	32	35	38	41	44	47	50	53	57	60	63	66	68	71	74	76	78	80	82	84	86	87	88	90
3.7	9	10	11	12	14	15	17	19	21	23	26	28	31	33	36	39	42	45	49	52	55	58	61	64	67	70	72	75	77	79	81	83	85	86	88	89
3.6	8	9	10	12	13	15	16	18	20	22	24	27	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	73	76	78	80	82	84	86	87	88
3.5	8	9	10	11	12	14	15	17	19	21	23	25	28	30	33	36	39	42	45	48	51	55	58	61	64	67	69	72	75	77	79	81	83	85	86	88
3.4	7	8	9	10	12	13	14	16	18	20	22	24	26	29	32	34	37	40	43	47	50	53	56	59	62	65	68	71	73	76	78	80	82	84	85	87
3.3	7	8	9	10	11	12	14	15	17	19	21	23	25	28	30	33	36	39	42	45	48	51	54	57	61	64	66	69	72	74	77	79	81	83	84	86
3.2	6	7	8	9	10	11	13	14	16	18	20	22	24	26	29	31	34	37	40	43	46	49	53	56	59	62	65	68	70	73	75	78	80	82	84	85
3.1	6	7	8	9	10	11	12	13	15	17	18	20	23	25	27	30	33	35	38	41	45	48	51	54	57	60	63	66	69	72	74	76	79	81	83	84
3.0	6	6	7	8	9	10	11	13	14	16	17	19	21	24	26	28	31	34	37	40	43	46	49	52	56	59	62	65	67	70	73	75	77	80	82	83
2.9	5	6	7	8	8	9	11	12	13	15	16	18	20	22	25	27	30	32	35	38	41	44	47	51	54	57	60	63	66	69	71	74	76	78	81	82
2.8	5	6	6	7	8	9	10	11	13	14	16	17	19	21	23	26	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	75	77	79	81
2.7	5	5	6	7	7	8	9	11	12	13	15	16	18	20	22	24	27	29	32	35	38	41	44	47	50	54	57	60	63	66	68	71	74	76	78	80
2.6	4	5	6	6	7	8	9	10	11	12	14	15	17	19	21	23	26	28	31	33	36	39	42	45	49	52	55	58	61	64	67	70	72	75	77	79
2.5	4	5	5	6	7	7	8	9	10	12	13	15	16	18	20	22	24	27	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	73	76	78
2.4	4	4	5	5	6	7	8	9	10	11	12	14	15	17	19	21	23	25	28	30	33	36	39	42	45	48	52	55	58	61	64	67	69	72	75	77
2.3	4	4	5	5	6	6	7	8	9	10	12	13	14	16	18	20	22	24	26	29	32	34	37	40	44	47	50	53	56	59	62	65	68	71	73	76
2.2	3	4	4	5	5	6	7	8	9	10	11	12	14	15	17	19	21	23	25	28	30	33	36	39	42	45	48	51	54	58	61	64	66	69	72	74
2.1	3	4	4	4	5	6	6	7	8	9	10	11	13	14	16	18	20	22	24	26	29	31	34	37	40	43	46	50	53	56	59	62	65	68	70	73
2.0	3	3	4	4	5	5	6	7	8	9	10	11	12	13	15	17	19	20	23	25	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72
1.9	3	3	3	4	4	5	6	6	7	8	9	10	11	13	14	16	17	19	21	24	26	29	31	34	37	40	43	46	49	52	56	59	62	65	68	70
1.8	3	3	3	4	4	5	5	6	7	8	8	10	11	12	13	15	17	18	20	22	25	27	30	32	35	38	41	44	48	51	54	57	60	63	66	69
1.7	2	3	3	3	4	4	5	6	6	7	8	9	10	11	13	14	16	17	19	21	23	26	28	31	34	37	40	43	46	49	52	55	58	61	64	67
1.6	2	3	3	3	4	4	5	5	6	7	7	8	9	11	12	13	15	16	18	20	22	25	27	30	32	35	38	41	44	47	50	54	57	60	63	66
1.5	2	2	3	3	3	4	4	5	6	6	7	8	9	10	11	12	14	15	17	19	21	23	26	28	31	33	36	39	42	46	49	52	55	58	61	64
1.4	2	2	2	3	3	4	4	5	5	6	7	7	8	9	10	12	13	15	16	18	20	22	24	27	29	32	35	38	41	44	47	50	53	56	60	63
1.3	2	2	2	3	3	3	4	4	5	5	6	7	8	9	10	11	12	14	15	17	19	21	23	25	28	31	33	36	39	42	45	48	52	55	58	61
1.2	2	2	2	2	3	3	4	4	5	5	6	6	7	8	9	10	12	13	14	16	18	20	22	24	27	29	32	35	37	40	44	47	50	53	56	59
1.1	2	2	2	2	3	3	3	4	4	5	5	6	7	8	9	10	11	12	14	15	17	19	21	23	25	28	30	33	36	39	42	45	48	51	54	58
1.0	1	2	2	2	2	3	3	4	4	4	5	6	6	7	8	9	10	11	13	14	16	18	20	22	24	26	29	32	34	37	40	43	46	50	53	56
0.9	1	2	2	2	2	3	3	3	4	4	5	5	6	7	8	9	10	11	12	13	15	17	19	21	23	25	27	30	33	36	39	42	45	48	51	54
0.8	1	1	2	2	2	2	3	3	3	4	4	5	6	6	7	8	9	10	11	13	14	16	18	19	22	24	26	29	31	34	37	40	43	46	49	52
0.7	1	1	2	2	2	2	3	3	3	4	4	5	5	6	7	8	8	10	11	12	13	15	17	18	20	22	25	27	30	33	35	38	41	44	48	51
0.6	1	1	1	2	2	2	2	3	3	3	4	4	5	6	6	7	8	9	10	11	13	14	16	17	19	21	24	26	28	31	34	37	40	43	46	49
0.5	1	1	1	2	2	2	2	3	3	3	4	4	5	5	6	7	7	8	9	11	12	13	15	16	18	20	22	25	27	30	32	35	38	41	44	47
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

ACT Reading Score

Chance of a C or Higher in PSYCH/SOC, Given ACT Reading Score and High School Social Studies Grade Average

The matrix reports students' chances of achieving a C or higher in PSYCH/SOC, given their ACT Reading Score and High School Social Studies Grade Average. For example, the chance that a student with an ACT Reading Score of 17 and a High School Social Studies Grade Average of 2.2 would obtain a C or higher in PSYCH/SOC is 43%.

If present, the dark gold area shows the combinations of ACT Reading Score and High School Social Studies Grade Average values that are at or near a 50% chance level. The combinations that maximize the percentage of correct placement decisions (accuracy rate) always correspond to a chance of 50%.

High School Social Studies Grade Average

4.0	25	28	31	34	36	40	43	46	49	52	56	59	62	65	68	71	73	76	78	80	82	84	86	87	89	90	91	92	93	94	94	95	96	96	97	97
3.9	24	27	29	32	35	38	41	44	47	51	54	57	60	63	66	69	72	74	77	79	81	83	85	86	88	89	90	91	92	93	94	95	95	96	96	97
3.8	23	25	28	30	33	36	39	42	46	49	52	55	59	62	65	68	70	73	76	78	80	82	84	86	87	88	90	91	92	93	94	94	95	96	96	97
3.7	22	24	26	29	32	35	38	41	44	47	50	54	57	60	63	66	69	72	74	77	79	81	83	85	86	88	89	90	91	92	93	94	95	95	96	96
3.6	20	23	25	28	30	33	36	39	42	45	49	52	55	58	61	64	67	70	73	75	78	80	82	84	85	87	88	90	91	92	93	94	94	95	96	96
3.5	19	21	24	26	29	31	34	37	40	44	47	50	53	57	60	63	66	69	71	74	76	79	81	83	84	86	88	89	90	91	92	93	94	95	95	96
3.4	18	20	22	25	27	30	33	36	39	42	45	48	52	55	58	61	64	67	70	73	75	77	80	82	84	85	87	88	90	91	92	93	93	94	95	96
3.3	17	19	21	23	26	28	31	34	37	40	43	46	50	53	56	59	62	65	68	71	74	76	78	81	83	84	86	87	89	90	91	92	93	94	95	95
3.2	16	18	20	22	25	27	30	32	35	38	42	45	48	51	54	58	61	64	67	70	72	75	77	79	81	83	85	87	88	89	91	92	93	93	94	95
3.1	15	17	19	21	23	26	28	31	34	37	40	43	46	49	53	56	59	62	65	68	71	73	76	78	80	82	84	86	87	89	90	91	92	93	94	94
3.0	14	16	18	20	22	24	27	29	32	35	38	41	44	48	51	54	57	61	64	67	69	72	75	77	79	81	83	85	87	88	89	90	92	92	93	94
2.9	14	15	17	19	21	23	25	28	31	34	36	40	43	46	49	52	56	59	62	65	68	71	73	76	78	80	82	84	86	87	89	90	91	92	93	94
2.8	13	14	16	18	20	22	24	27	29	32	35	38	41	44	47	51	54	57	60	63	66	69	72	74	77	79	81	83	85	86	88	89	90	91	92	93
2.7	12	13	15	17	19	21	23	25	28	30	33	36	39	42	46	49	52	55	59	62	65	68	70	73	76	78	80	82	84	86	87	88	90	91	92	93
2.6	11	13	14	16	18	19	22	24	26	29	32	35	38	41	44	47	50	54	57	60	63	66	69	72	74	77	79	81	83	85	86	88	89	90	91	92
2.5	11	12	13	15	17	18	20	23	25	27	30	33	36	39	42	45	49	52	55	58	61	64	67	70	73	75	78	80	82	84	85	87	88	90	91	92
2.4	10	11	12	14	16	17	19	21	24	26	29	31	34	37	40	44	47	50	53	56	60	63	66	69	71	74	76	79	81	83	84	86	88	89	90	91
2.3	9	10	12	13	15	16	18	20	22	25	27	30	33	36	39	42	45	48	51	55	58	61	64	67	70	73	75	77	80	82	84	85	87	88	90	91
2.2	9	10	11	12	14	15	17	19	21	23	26	28	31	34	37	40	43	46	50	53	56	59	62	65	68	71	74	76	78	81	83	84	86	87	89	90
2.1	8	9	10	12	13	14	16	18	20	22	25	27	30	32	35	38	42	45	48	51	54	58	61	64	67	70	72	75	77	79	81	83	85	87	88	89
2.0	8	9	10	11	12	14	15	17	19	21	23	26	28	31	34	37	40	43	46	49	53	56	59	62	65	68	71	73	76	78	80	82	84	86	87	89
1.9	7	8	9	10	11	13	14	16	18	20	22	24	27	29	32	35	38	41	44	48	51	54	57	61	64	67	69	72	75	77	79	81	83	85	87	88
1.8	7	8	8	10	11	12	13	15	17	19	21	23	25	28	31	33	36	40	43	46	49	52	56	59	62	65	68	71	73	76	78	80	82	84	86	87
1.7	6	7	8	9	10	11	13	14	16	18	20	22	24	27	29	32	35	38	41	44	47	51	54	57	60	63	66	69	72	74	77	79	81	83	85	86
1.6	6	7	7	8	9	11	12	13	15	17	19	21	23	25	28	30	33	36	39	42	46	49	52	55	59	62	65	68	70	73	75	78	80	82	84	86
1.5	5	6	7	8	9	10	11	13	14	16	17	19	22	24	26	29	32	35	38	41	44	47	50	54	57	60	63	66	69	72	74	77	79	81	83	85
1.4	5	6	7	7	8	9	11	12	13	15	16	18	20	23	25	27	30	33	36	39	42	45	49	52	55	58	61	64	67	70	73	75	78	80	82	84
1.3	5	5	6	7	8	9	10	11	12	14	16	17	19	21	24	26	29	31	34	37	40	44	47	50	53	56	60	63	66	69	71	74	76	79	81	83
1.2	4	5	6	6	7	8	9	10	12	13	15	16	18	20	22	25	27	30	33	36	39	42	45	48	51	55	58	61	64	67	70	73	75	77	80	82
1.1	4	5	5	6	7	8	9	10	11	12	14	15	17	19	21	23	26	28	31	34	37	40	43	46	50	53	56	59	62	65	68	71	74	76	78	81
1.0	4	4	5	6	6	7	8	9	10	12	13	14	16	18	20	22	25	27	30	32	35	38	41	45	48	51	54	58	61	64	67	70	72	75	77	79
0.9	4	4	5	5	6	7	8	9	10	11	12	14	15	17	19	21	23	26	28	31	34	37	40	43	46	49	53	56	59	62	65	68	71	73	76	78
0.8	3	4	4	5	6	6	7	8	9	10	11	13	14	16	18	20	22	24	27	29	32	35	38	41	44	48	51	54	57	60	64	67	69	72	75	77
0.7	3	4	4	5	5	6	7	8	8	10	11	12	13	15	17	19	21	23	25	28	31	33	36	39	43	46	49	52	56	59	62	65	68	71	73	76
0.6	3	3	4	4	5	6	6	7	8	9	10	11	13	14	16	18	20	22	24	27	29	32	35	38	41	44	47	51	54	57	60	63	66	69	72	74
0.5	3	3	4	4	5	5	6	7	7	8	9	11	12	13	15	17	19	21	23	25	28	30	33	36	39	42	46	49	52	55	58	62	65	68	70	73
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

ACT Reading Score

Placement Information for PSYCH/SOC Using ACT Reading Score and High School Social Studies Grade Average

This table shows the impact of using different combinations of ACT Reading Scores and High School Social Studies Grade Averages as cutoff scores in PSYCH/SOC. For example, if you were to require students to have at least a 50% chance of a B or higher based on their ACT Reading Scores and High School Social Studies Grade Averages to be placed into PSYCH/SOC (see page 9), then you would expect:

- about 46% of your students would be placed in a lower-level course
- about 66% of your placement decisions would be correct
- about 66% of those placed in PSYCH/SOC would obtain a B or higher

	B or higher			C or higher		
Chance range	Percent below	Accuracy rate	Success rate	Percent below	Accuracy rate	Success rate
91 - 99				94	32	95
85 - 90	98	50	88	79	44	91
82 - 84	95	52	86	66	53	89
79 - 81	92	54	84	59	58	87
76 - 78	89	56	83	50	62	86
73 - 75	87	57	81	43	66	85
70 - 72	83	58	79	36	69	83
67 - 69	78	60	77	29	72	82
64 - 66	73	62	75	25	73	81
61 - 63	68	63	73	21	74	80
58 - 60	62	64	71	18	75	80
55 - 57	57	65	70	14	76	79
52 - 54	51	66	68	12	76	78
49 - 51	46	66	66	11	76	78
46 - 48	40	66	64	9	76	77
43 - 45	35	65	63	7	76	76
40 - 42	28	64	61	6	75	76
37 - 39	24	63	60	4	75	75
34 - 36	21	62	59	3	75	75
31 - 33	17	61	58	2	75	75
28 - 30	13	60	56	1	74	74
25 - 27	11	58	56	1	74	74
22 - 24	9	57	55	0	74	73
19 - 21	7	56	54	0	74	73
16 - 18	4	55	53	0	73	73
10 - 15	2	53	52			
1 - 9	0	52	52			

If present, the shaded rows highlight the optimal cutoff combinations (i.e., those that lead to the highest percentage of correct placement decisions).

Logistic Regression Weights and Correlations

This table contains the estimated logistic regression weights used to calculate the chances of success in each course. The weights associated with each set of placement variables are shown with the corresponding significance level (p-value). This information can be used to calculate the chances of success for a given student.

A p-value is an estimate of the probability that a regression weight of magnitude equal to that reported in the table would occur by chance if the true regression weight were 0; the smaller the p-value, the more highly "statistically significant" the regression weight is. The correlation between the placement variables and course grades also is listed.

		B or higher		C or higher		
Course	Placement variable(s)	Logistic regression weight	P-value	Logistic regression weight	P-value	Correlation
PSYCH/SOC	Intercept	-2.77		-1.48		
	ACT Reading Score	0.13	0.0028	0.12	0.0176	0.30
	Intercept	-2.66		-1.80		
	High School Social Studies Grade Average	0.82	0.019	0.88	0.0136	0.23
	Intercept	-5.02		-4.05		
	ACT Reading Score and High School Social Studies Grade Average	0.13 0.69	0.0069 0.0625	0.13 0.71	0.0254 0.0525	0.37