

University of Iowa Students' Actuarial Exam Pass Rates (May 2000 to May 2007)

The data include all exam candidates who reported to the Society of Actuaries that they were full-time U of Iowa students. Not all of them were students in U of Iowa's actuarial programs.

The numbers in red are the pass rates for all exam candidates.

The last column gives the ratio of U of Iowa's pass rate to the overall pass rate.

	# Writing	# Passing	# Failing	% Passing	% ALL	UI / ALL
May-00						
Course 1	13	4	9	30.8	23.2	1.33
Course 2	13	4	9	30.8	26.7	1.15
Course 3	13	6	7	46.2	31.9	1.45
Course 4	12	8	4	66.7	33.8	1.97
Nov-00						
Course 1	37	21	16	56.8	33.9	1.67
Course 2	30	16	14	53.3	32.2	1.66
Course 3	31	21	10	67.7	36.0	1.88
Course 4	4	3	1	75.0	37.0	2.03
May-01						
Course 1	25	14	11	56.0	33.4	1.68
Course 2	17	8	9	47.1	32.0	1.47
Course 3	4	3	1	75.0	42.7	1.76
Course 4	20	14	6	70.0	40.6	1.72
Nov-01						
Course 1	35	18	17	51.4	33.7	1.53
Course 2	28	16	12	57.1	40.7	1.40
Course 3	32	27	5	84.4	41.7	2.02
Course 4	12	8	4	66.7	42.7	1.56
May-02						
Course 1	27	20	7	74.1	43.1	1.72
Course 2	26	8	18	30.8	37.2	0.83
Course 3	6	3	3	50.0	41.9	1.19
Course 4	27	21	6	77.8	44.3	1.76
Nov-02						
Course 1	30	19	11	63.3	36.1	1.75
Course 2	30	17	13	56.7	49.3	1.15
Course 3	32	23	9	71.9	39.9	1.80
Course 4	5	5	0	100.0	57.6	1.74
May-03						
Course 1	28	13	15	46.4	38.1	1.22
Course 2	24	9	15	37.5	35.5	1.06
Course 3	7	6	1	85.7	39.5	2.17
Course 4	27	20	7	74.1	50.5	1.47

Nov-03

Course 1	46	31	15	67.4	41.0	1.64
Course 2	31	13	18	41.9	39.2	1.07
Course 3	31	25	6	80.6	34.3	2.35
Course 4	8	4	4	50.0	51.1	0.98

May-04

Course 1	24	10	14	41.7	33.8	1.23
Course 2	21	7	14	33.3	25.8	1.29
Course 3	5	3	2	60.0	33.8	1.78
Course 4	35	25	10	71.4	50.0	1.43

Nov-04

Course 1	25	15	10	60.0	36.7	1.63
Course 2	22	11	11	50.0	41.5	1.20
Course 3	36	17	19	47.2	41.9	1.13
Course 4	5	3	2	60.0	51.4	1.17

May-05

Exam P	11	10	1	90.9	39.0	2.33
Exam FM	51	43	8	84.3	73.2	1.15
Exam M	16	7	9	43.8	46.7	0.94
Exam C	36	25	11	69.4	52.8	1.32

Sep-05

Exam P	2	2	0	100.0	36.8	2.72
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Nov-05

Exam FM	17	9	8	52.9	40.9	1.29
Exam M	39	32	7	82.1	42.2	1.94
Exam C	12	7	5	58.3	50.6	1.15

Feb-06

Exam P	2	1	1	50.0	37.6	1.33
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May-06

Exam P	10	4	6	40.0	34.9	1.15
Exam FM	25	18	7	72.0	45.3	1.59
Exam M	11	4	7	36.4	41.7	0.87
Exam C	29	19	10	65.5	53.2	1.23

Aug-06

Exam P	17	7	10	41.2	34.6	1.19
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Nov-06

Exam P	27	17	10	63.0	33.0	1.91
Exam FM	35	25	10	71.4	43.9	1.63
Exam M	43	30	13	69.8	46.7	1.49
Exam C	16	10	6	62.5	56.4	1.11

Feb-07						
Exam P	24	14	10	58.3	37.3	1.56
May-07						
Exam P	21	10	11	47.6	36.6	1.30
Exam FM	24	14	10	58.3	47.7	1.22
Exam MFE	4	2	2	50.0	45.9	1.09
Exam MLC	7	4	3	57.1	44.9	1.27
Exam C	32	20	12	62.5	42.7	1.46
COMBINED	1395	853	542	61.1	41.7	1.47

The percentage **41.7%** in the row above is a weighted average of the overall pass rates, using the numbers of U of Iowa candidates as weights. Thus, the UI's average pass rate is **147%** of that for all exam candidates.

Restricting the analysis to Exam 3/M (whose syllabus includes life contingencies) and Exam 4/C:

Exam 3/M	313	211	102	67.4	40.8	1.65
Exam 4/C	280	192	88	68.6	48.1	1.43

U of Iowa's Exam 3/M average pass rate is 165% of that for all 3/M candidates.

U of Iowa's Exam 4/C average pass rate is 143% of that for all 4/C candidates.

31st October 2007