

COLLEGE MATHEMATICS PROJECT

CMP 2008 Forum Backgrounder

Part 2: Data Tables and Figures

A. Participation

Table 1
Participation of All Students by College and Program Cluster

Cluster	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	TOTAL
Applied Arts	2,729	1,284	3,966	1,648	2,887	1,786	3,510	1,740	750	3,438	1,666	25,404
Business	1,823	512	817	643	1,102	462	1,370	967	237	1,252	492	9,677
General	488	210	532	418	320	373	995	593	269	387	287	4,852
Technology	1,434	988	905	581	853	483	1,650	1,689	368	836	811	10,598
TOTAL	6,454	2,994	6,220	3,290	5,162	3,104	7,525	4,989	1,624	5,913	3,265	50,531

Table 2
Participation of All Students by Gender and Program Cluster

Cluster	Male	Female	TOTAL
Applied Arts	9,075	16,271	25,346
Business	5,130	4,529	9,659
General	1,963	2,882	4,845
Technology	8,916	1,664	10,580
TOTAL	25,084	25,346	50,430

Table 3
Participation of First-semester Mathematics Students by College and Program Cluster

Cluster	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	TOTAL	%
Applied Arts	107	38	1,293	0	0	361	80	0	13	46	355	2,293	9.0%
Business	1,624	93	709	356	1,088	327	150	633	189	999	285	6,453	66.7%
General	321	57	414	311	166	155	417	314	242	158	135	2,692	55.5%
Technology	912	719	831	465	622	387	1,219	1,445	223	585	782	8,190	77.3%
TOTAL	2,964	907	3,247	1,132	1,876	1,232	1,866	2,392	667	1,788	1,557	19,628	38.8%

Table 4
Participation of ROGs by College and Program Cluster

Cluster	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	TOTAL	%
Applied Arts	77	24	843	0	0	270	60	0	5	37	260	1,576	68.7%
Business	1,136	61	471	247	903	242	47	313	109	778	196	4,503	69.8%
General	245	26	303	213	139	124	280	166	142	100	96	1,834	68.1%
Technology	650	516	617	294	510	284	745	781	162	421	549	5,529	67.5%
TOTAL	2,108	627	2,234	754	1,552	920	1,132	1,260	418	1,326	1,101	13,442	68.5%

Table 5
Participation of Non-ROGs by College and Program Cluster

Cluster	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	TOTAL	%
Applied Arts	30	14	450	0	0	91	20	0	8	9	95	717	31.3%
Business	488	32	238	109	185	85	103	320	80	221	89	1,950	30.2%
General	76	31	111	98	27	33	137	148	100	58	39	858	31.9%
Technology	262	203	214	171	112	103	474	664	61	164	233	2,661	32.5%
TOTAL	856	280	1,013	378	324	312	734	1,132	249	452	456	6,186	31.5%

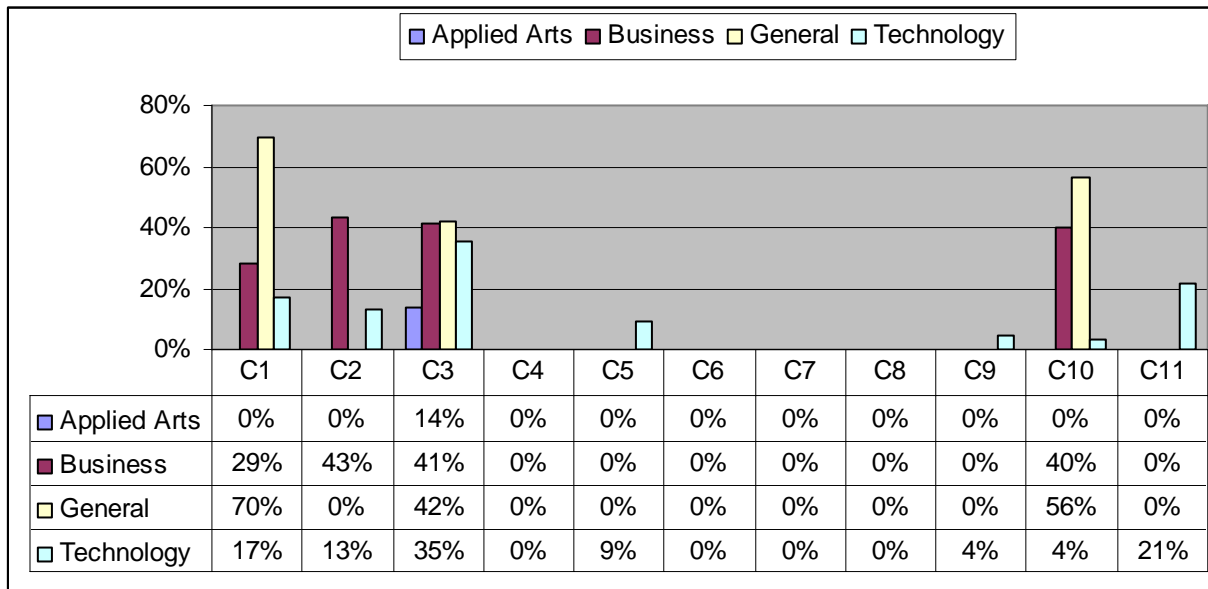


Figure 1. Percentage of all students taking preparatory mathematics by program cluster.

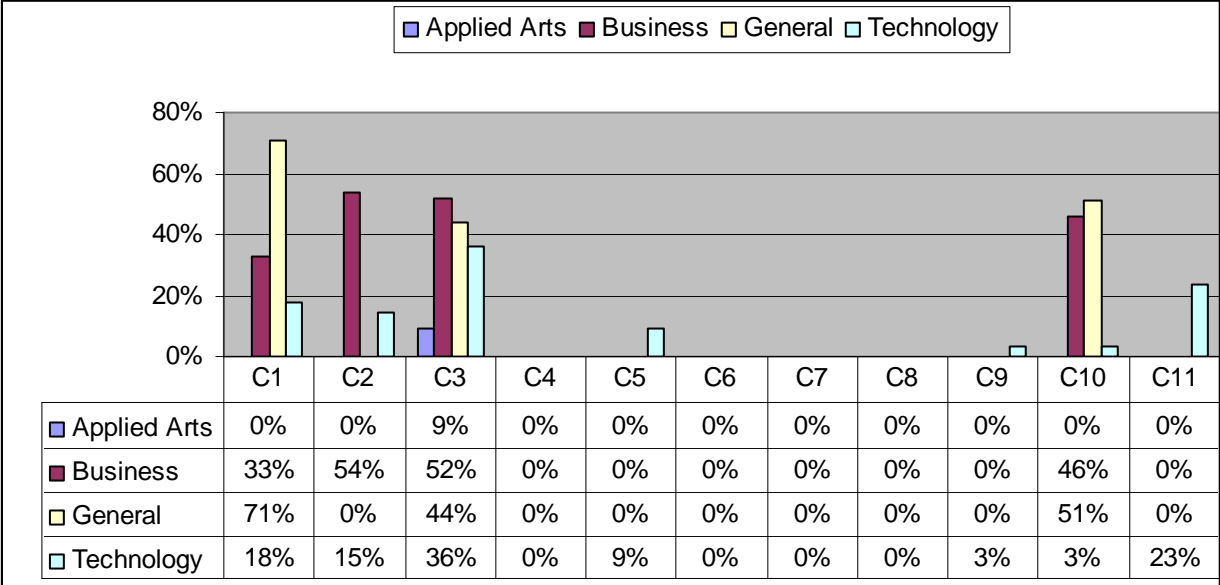


Figure 2. Percentage of ROGs taking preparatory mathematics by program cluster.

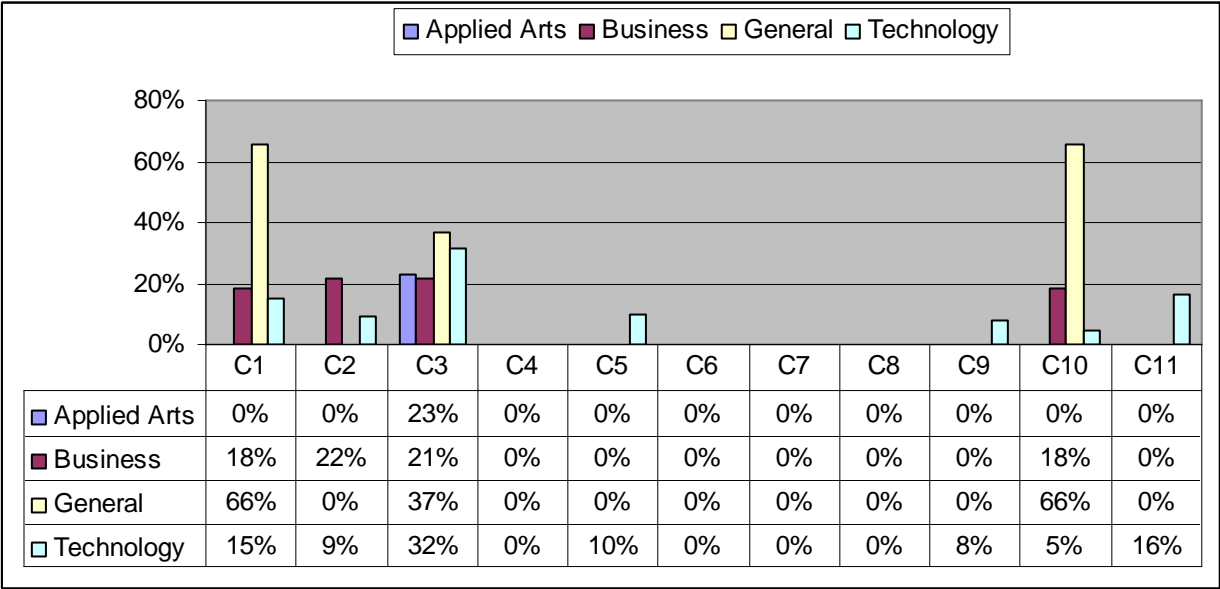


Figure 3. Percentage of Non-ROGs taking preparatory mathematics by program cluster.

B. College Mathematics Achievement

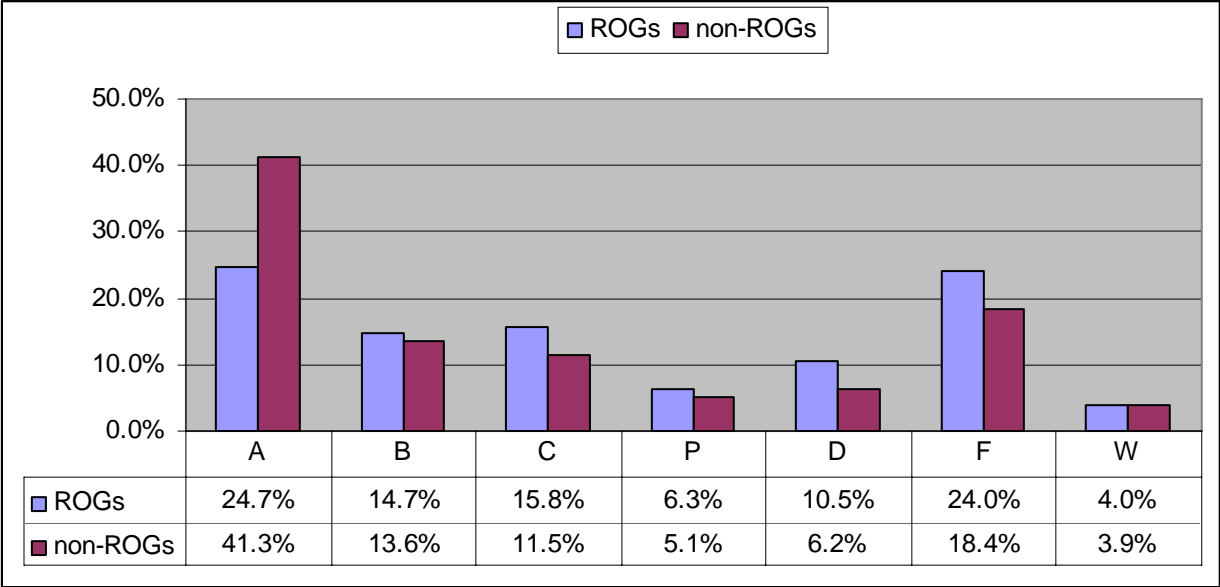


Figure 4. Grade distribution, ROGs & non-ROGs, all programs (n=19,948).

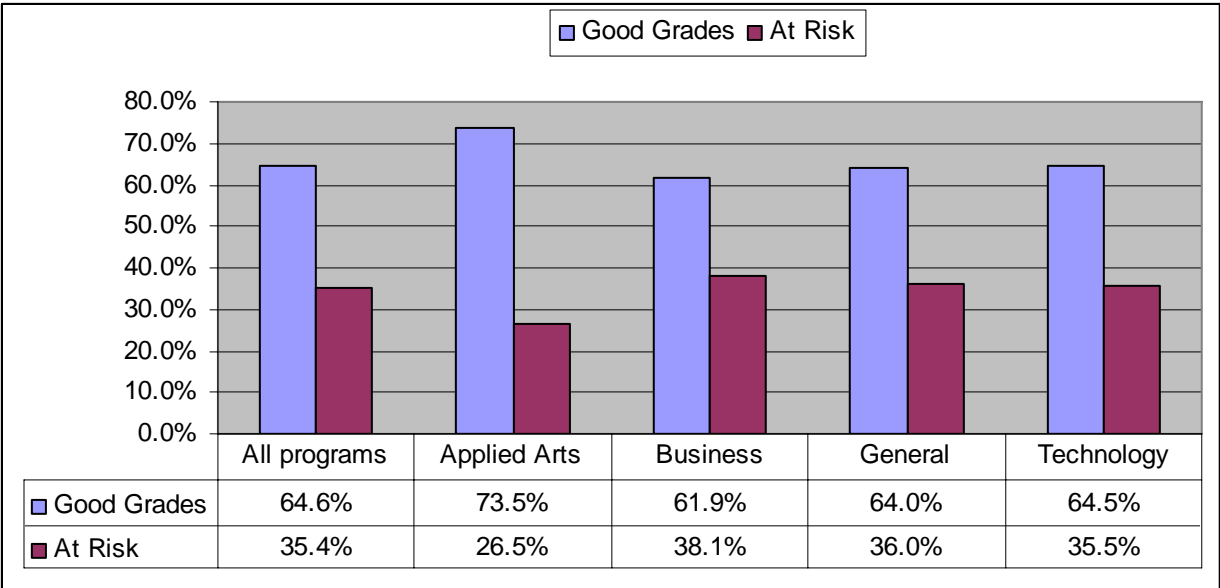


Figure 5. Achievement by program cluster.

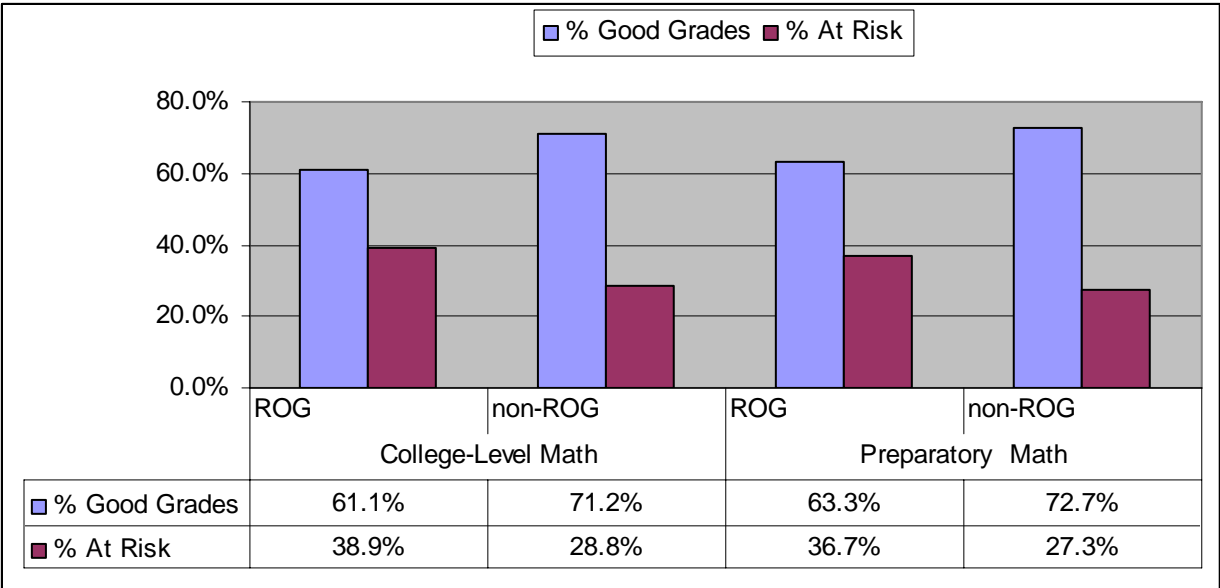


Figure 6. Achievement by course type and student type.

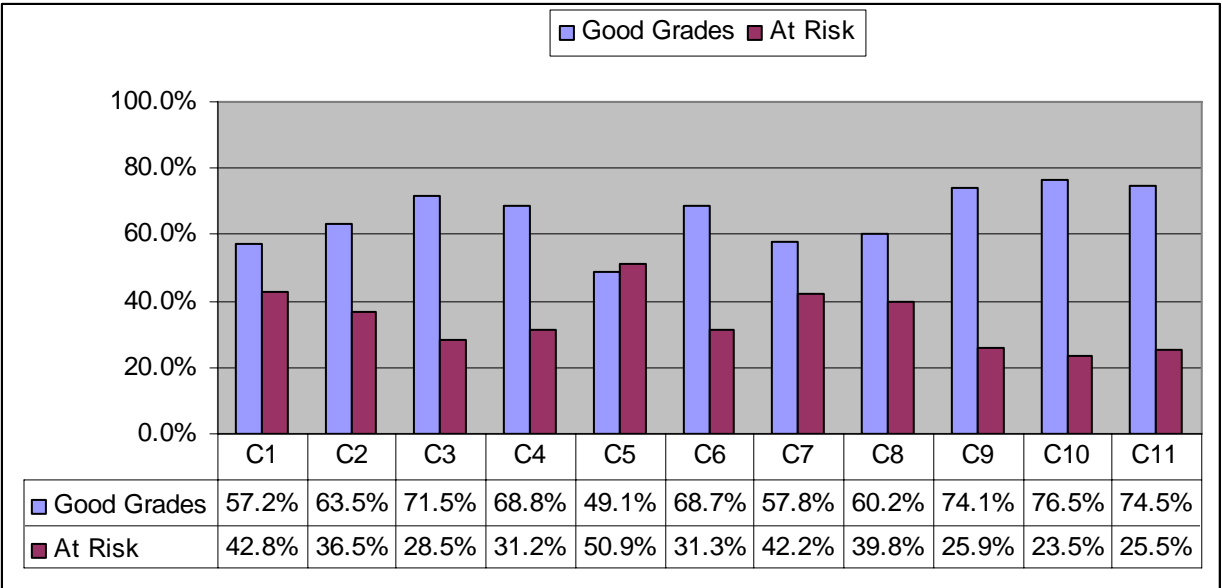


Figure 7. Achievement by college.

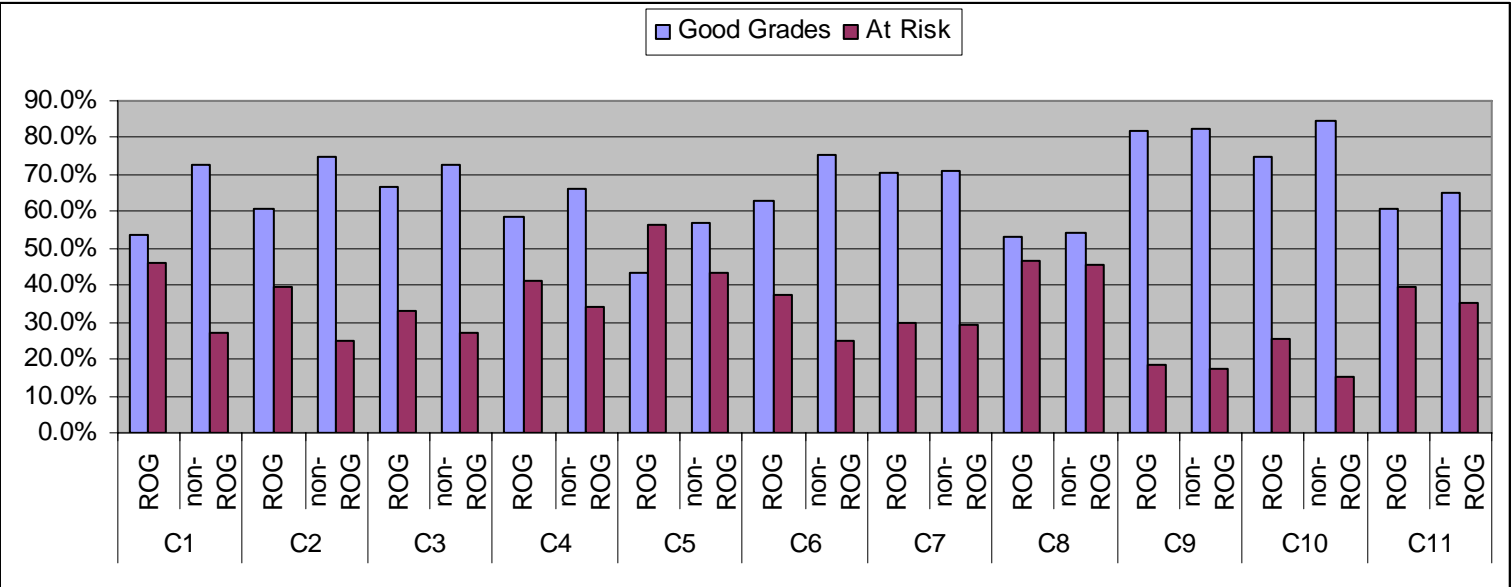


Figure 8. Achievement by college and student type (Business programs, n=6,454)

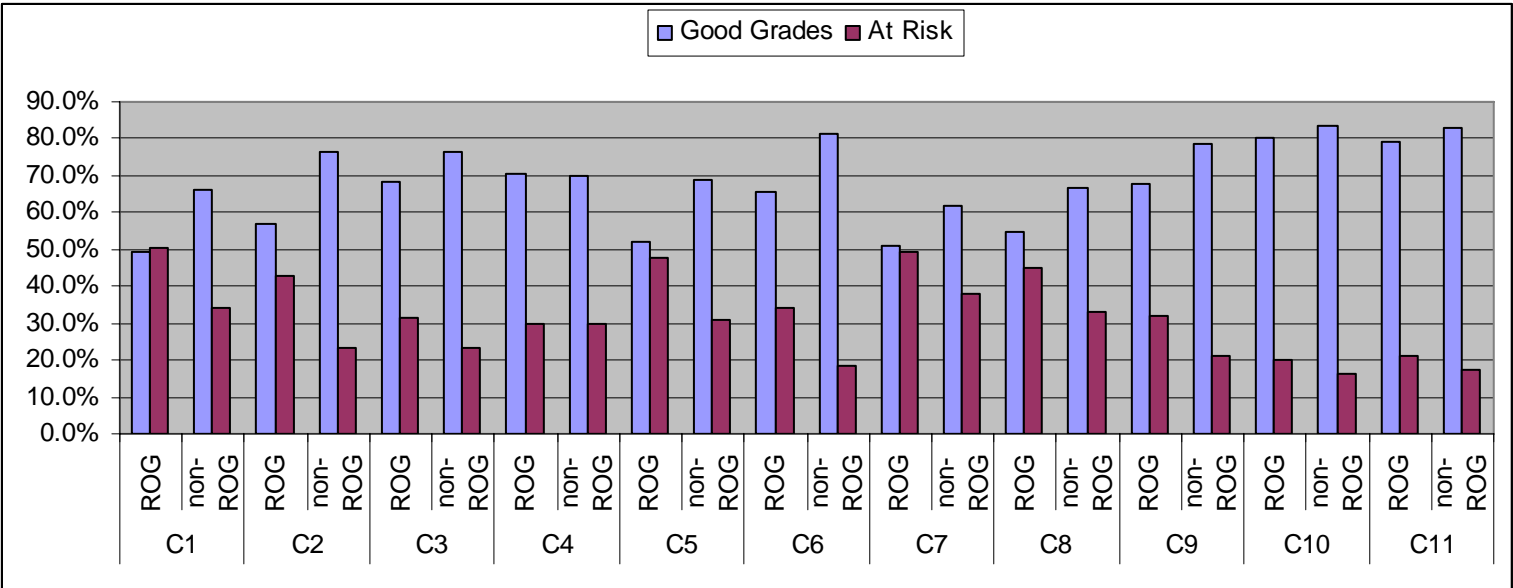


Figure 9. Achievement by college and student type (Technology programs, n=8,464).

C. Secondary School Mathematics Backgrounds

Table 6
Mathematics Pathways Followed by CMP Students

	Number of Pathways	Number of Students	Percentage of Total
All Pathways	560	14,676	100%
Pathways followed by 10 or more students	150	13,227	90.1%
Pathways based on Ontario Curriculum (2000)	123	11,970	81.6%

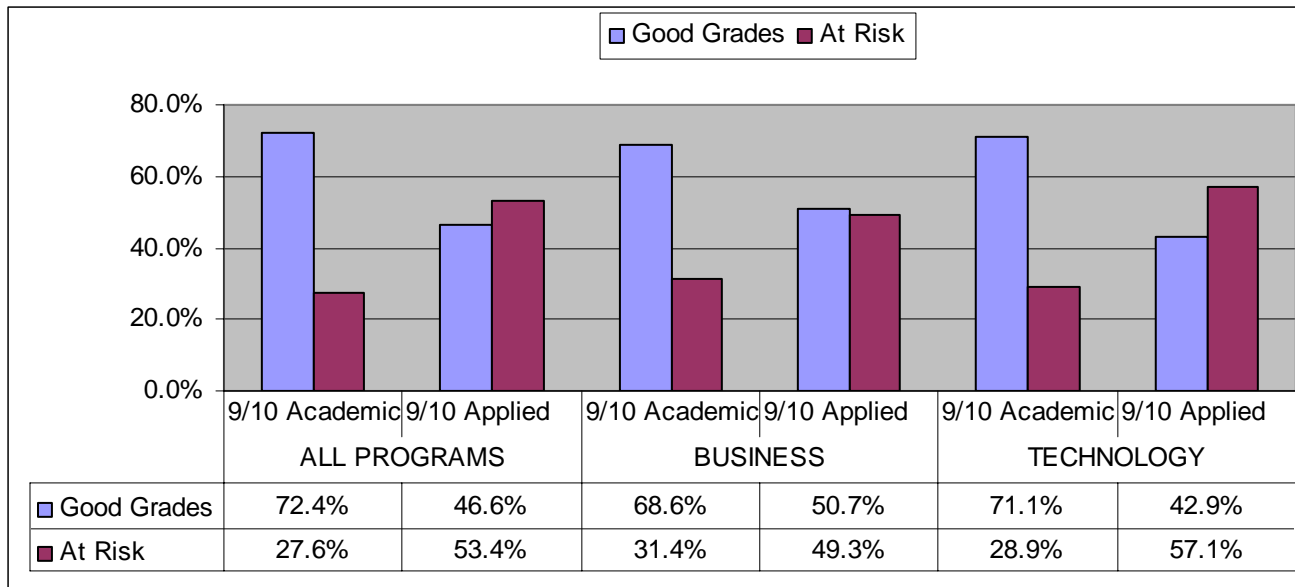


Figure 10. Achievement of students with Grade 9/10 Academic and Applied courses.

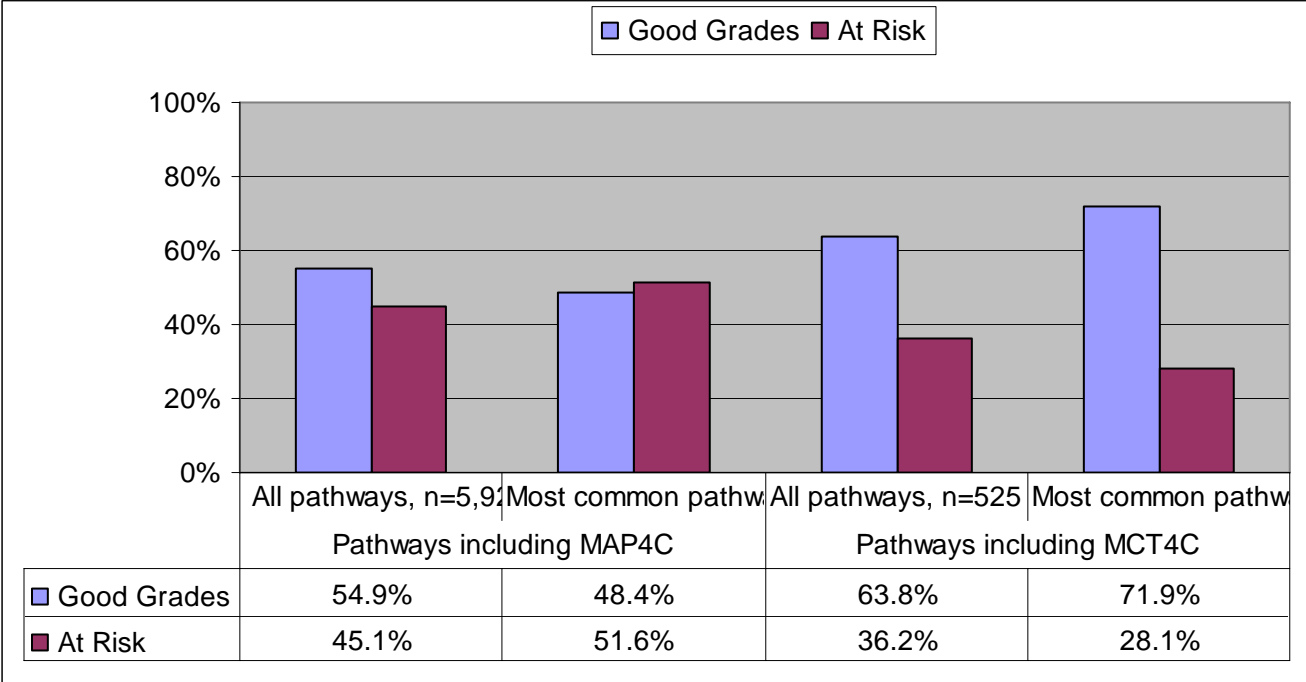


Figure 11. Achievement of students with MAP4C (*Most common pathway = MFM1P, MFM2P, MBF3C, MAP4C) and MCT4C (**Most common pathway = MPM1D, MPM2D, MCF3M, MCT4C).**

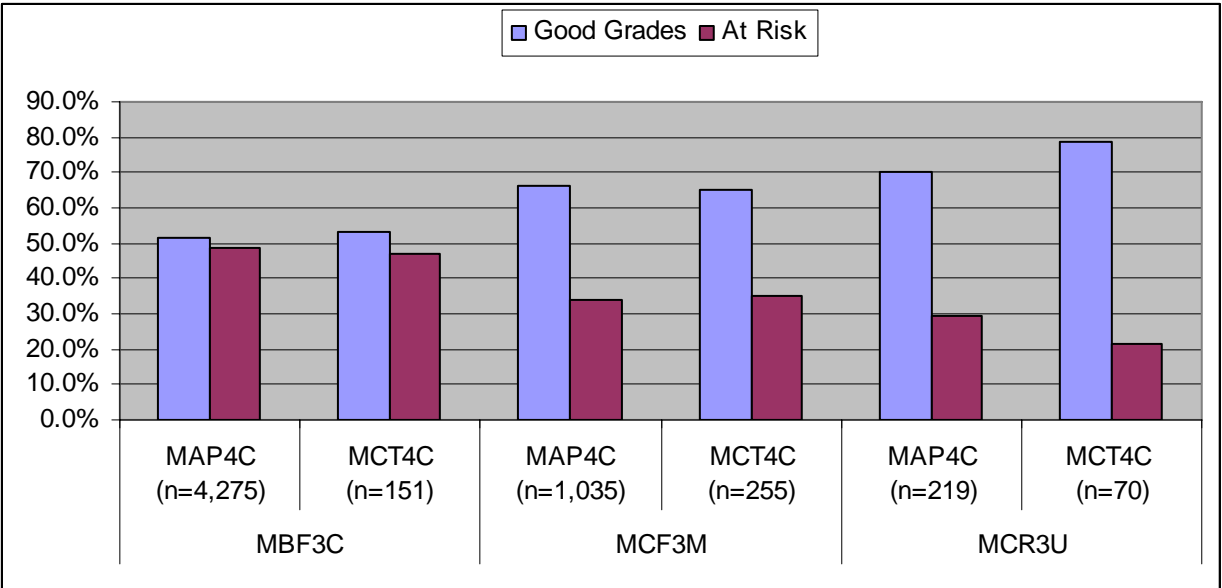


Figure 12. Achievement of students with selected college-oriented grade 11 and 12 courses (all programs).

D. College Achievement by School Boards and Schools

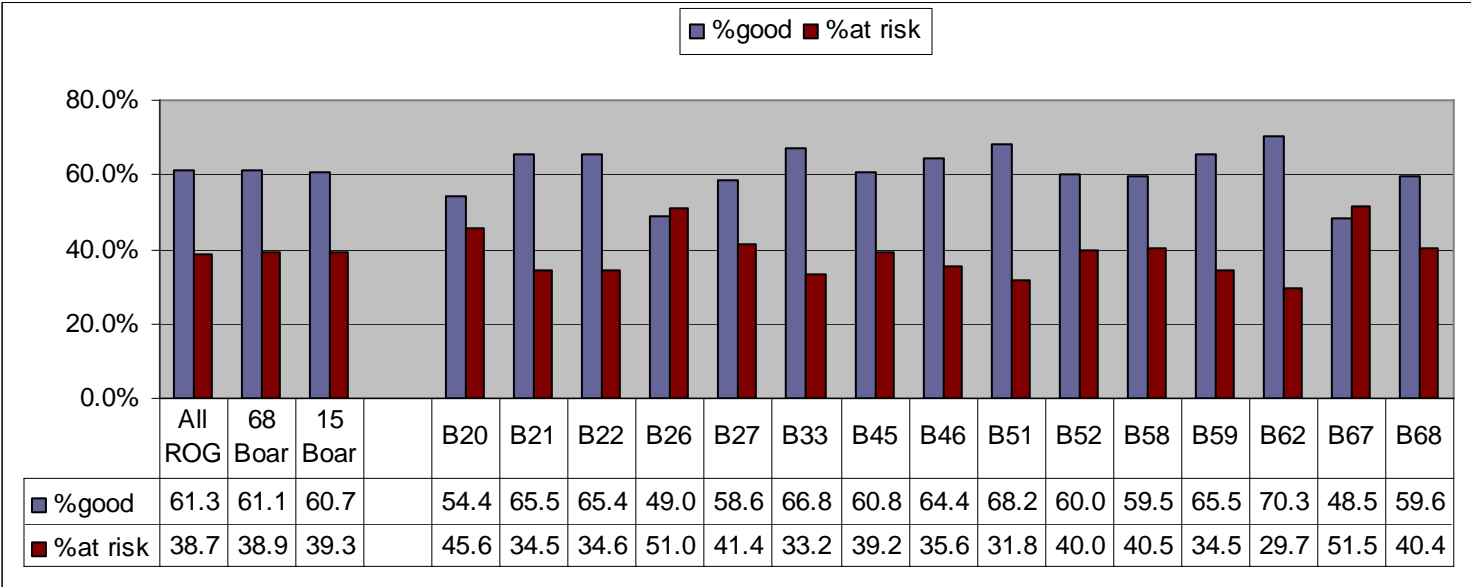


Figure 13. Achievement by graduates of GTA school boards (ROGs, all programs, n=8,604).

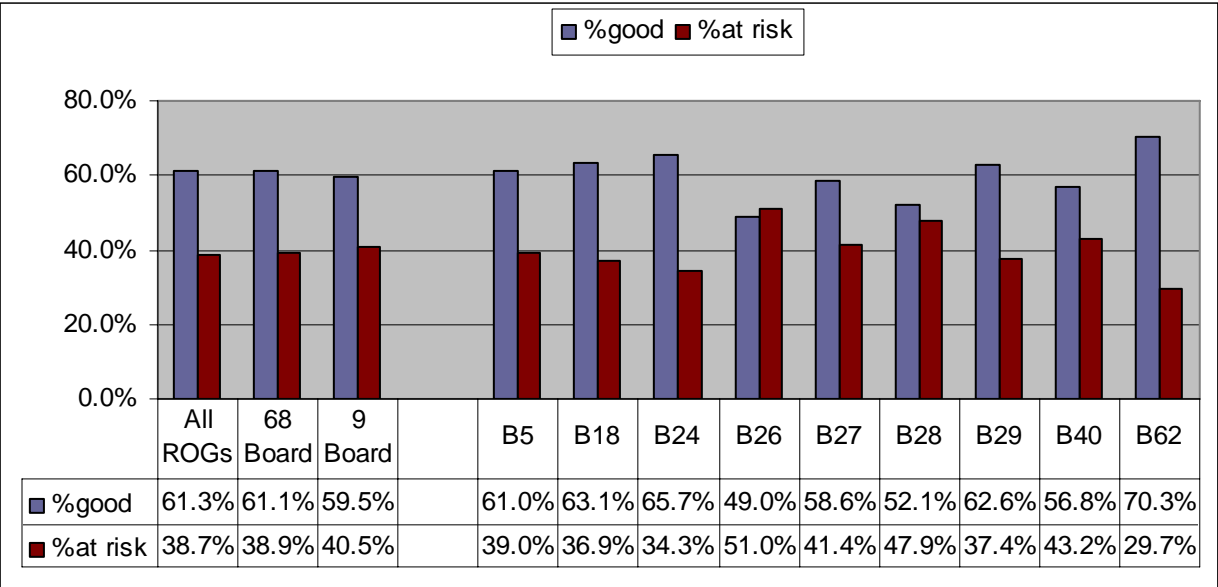


Figure 14. Achievement by graduates of Golden Horseshoe school boards (ROGs, all programs, n=2,346).

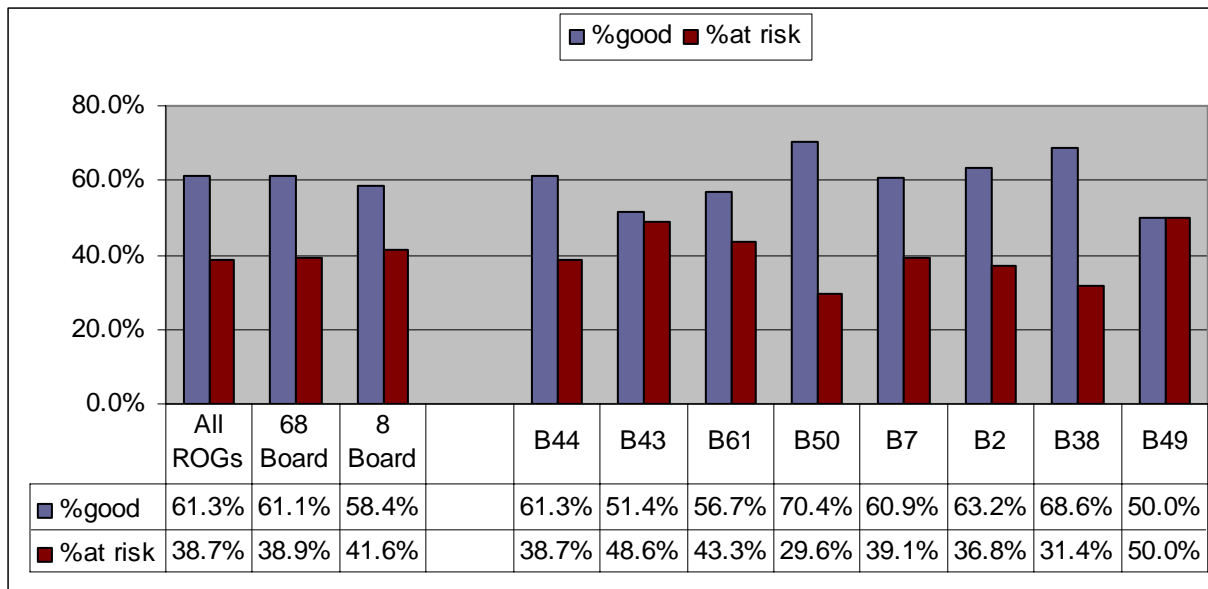


Figure 15. Achievement by graduates of E Ontario school boards (ROGs, all programs, n=1,007).

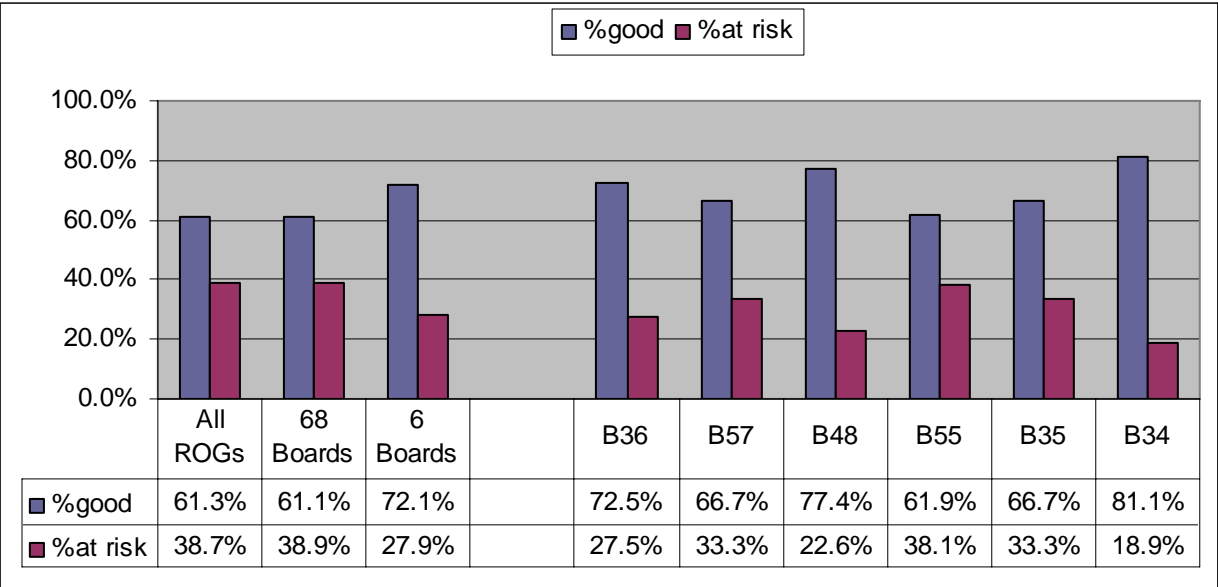


Figure 16. Achievement by graduates of NW Ontario school boards (ROGs, all programs, n=340).