

Featuring:

- Latest News from CMP 2010 (English & French)
- CMP in French (English & French)
- CMP 2010 Research – Sneak Preview (English & French)
- CMP Database
- CMP Pathways Analysis Report
- Learning Skills and Work Habits

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NEXT ISSUE

In the next issue of
CMP News:
*Forum Update
*CMP 2010 Final
Report Update

Latest news from CMP 2010

Data collection is complete for CMP 2010 with data from over 94,000 students at all 24 colleges now in and validated. Analysis has begun and the CMP 2010 Forum Backgrounder will be available in October for participants at forums this fall. A few highlights of this year's research (which is based on students who entered first-year in Fall 2009) follow in this newsletter though the full results will not be published until early in 2011. Forums to discuss the research, to share promising practices, and to propose new directions, are in planning in various parts of the province. Dates we have so far are as follows:

- Northeastern Ontario (SCWI RPT) : November 16
- Conestoga College: November 24
- Connecting GTA Teachers - Seneca College: Spring 2011
- PASS (SWCI RPT) : Spring 2011

SCWI regional planning teams who have forums planned are asked to let us book your dates as soon as possible and we will post them on the CMP web site.

Les dernières nouvelles du PMC 2010

La collecte de données pour le PMC 2010 est achevée. Des renseignements pour plus de 94 000 étudiantes et étudiants de tous les 24 collèges ontariens ont été recueillis et validés. L'analyse de ces données a été entamée et le Document d'information – Forum sur le PMC 2009 sera disponible en octobre pour les participants aux forums prévus cet automne. Dans ce bulletin nous soulignons quelques points saillants de la recherche qui porte sur les étudiantes et étudiants qui ont commencé leur première année d'études collégiales à l'automne de 2009. Notons toutefois que la gamme complète des constatations ne sera publiée qu'au début de 2011. Les forums qui permettront aux intéressé(e)s de discuter des conclusions des recherches menées, de partager les pratiques réussies et de cerner de nouvelles orientations sont déjà au stade de la planification. Les dates déjà fixées sont les suivantes:

- Nord-est de l'Ontario (IJECT ÉPR) : 16 Novembre
- Collège Conestoga: le 24 novembre
- "Connecting GTA Teachers" (Réunir les professeurs du Grand Toronto): au Collège Seneca : printemps 2011
- PASS ("Collaboration pour la réussite des élèves) / IJECT ÉPR: printemps 2011

Les responsables des équipes régionales de planification de l'IJECT qui sont ent train de mettre sur pied des forums sont priés de nous faire savoir le plus tôt possible les date prévues pour nous permettre de les réserver et de les afficher au site web du PMC.

Le PMC en français

Au cours des 12 derniers mois, nous avons commencé à faire traduire nos rapports en français afin de répondre aux besoins de nos participants de langue française. Dès cet automne nous comptons remplacer le présent site web du PMC par un site tout à fait bilingue. Même si nos documents internes ne seront rédigés qu'en anglais, nous veillerons à ce que la plupart des documents destinés à la dissémination publique soient disponibles dans les deux langues.

CMP in French

Over the past 12 months we have begun to have our published reports translated to meet the needs of our francophone participants and this fall, we plan to replace the current CMP web site with a fully bilingual one. While working research documents will remain in English, it is our intention to make most published documentation available in both English and French.

CMP 2010 Research – Sneak Preview

- The total number of students being tracked by CMP is up 12% in fall 2009 to over 94,000, compared with fall 2008, and over 35,000 of these are taking mathematics in first semester.
- Mathematics achievement is also up from 67% with good grades (A, B & C) in fall 2008 to 68.6% in fall 2009.
- About 25% of all first-year college students are taking some form of preparatory program or mathematics course.
- As in fall 2008, females outperform males, and older students achieve higher than younger students; new in fall 2009, CMP found that nearly 85% of “second career students” in the CMP database achieve good grades.

Les résultats de la recherche 2010 du PMC – un aperçu d'avant-première

- Le nombre total des étudiantes et étudiants de première année de l'automne 2009 faisant l'objet des recherches du PMC (94 000) est de 12 p.c. plus important que celui de 2008; de ce nombre d'étudiantes et étudiants, 35 000 suivent un cours de mathématiques au cours de leur premier semestre.
- Le rendement en mathématiques à l'automne 2009 révèle une hausse au niveau des bonnes notes (A, B ou C): 68,6 p.c. comparativement à 67 p.c à l'automne de 2008.
- Quelque 25 p.c. des étudiantes et étudiants de première année collégiale suivent soit un cours préparatoire soit un cours collégial de mathématiques.
- Comme à l'automne 2008, les résultats des étudiantes sont supérieurs à ceux des étudiants, et les étudiantes et étudiants plus âgés ont un rendement plus élevé que les plus jeunes. Une nouvelle constatation à l'automne 2009 – presque 85 p.c. des étudiantes et étudiants inscrits dans le cadre du programme de deuxième carrière et suivis par le PMC décrochent de bonnes notes.

CMP Database

The research data from fall 2007 and fall 2008 is available for approved users from colleges and school boards in accordance with the CMP policy on the appropriate use of data. If you or your institution has not yet applied for access, information about this is available on the web site at <http://collegemathproject.senecac.on.ca/cmp/research.php>. The data for fall 2009 will be added to the public database as soon as it has been finalised.

CMP Pathways Analysis Report

There is a lot of interest on the part of educators in the detailed data CMP has collected relating to students' choice of mathematics pathways in secondary school. The formal reports of CMP for the past several years have included tables showing some of this data but, this fall, CMP is publishing a comprehensive set of analyses of college mathematics achievement data analysed by school mathematics pathway. This new report is being released (in both English and French) at the annual conference of the Ontario School Counsellors Association (OSCA) in early November and will be available for free download from the CMP web site thereafter. Promotional emails will be sent to all Ontario school boards (Directors and Student Success Leaders), but it will be at the school level that this report will find its greatest use, so any assistance in making its availability known will be appreciated. As always, the CMP is happy to receive your feedback on any of our reports or presentations.

Learning Skills and Work Habits

For the past two years, CMP's annual report has featured the importance of learning skills to students' college success and has urged ministries, schools and colleges to increase the awareness of teachers and students to this importance. The new Ministry of Education policy on assessment, evaluation and reporting, entitled *Growing Success*, does just this. An updated list of what are now called "Learning Skills and Work Habits" is described in chapter 2 and they are given even greater prominence in the revised report cards. We have been interested to note that there is a significant overlap between these skills, "employability skills" as described by the Ministry of Training, Colleges and Universities, the Conference Board of Canada and others, and as "Skills for the 21st century" by a new international project supported by Cisco, Intel and Microsoft. In the past, these have been regarded as "nice to have" while the real credit has often been reserved for academic course achievement. In the future, it seems, these will be the skills that students really need to succeed in life and work as well as in education and training, while the academic content will be learned as and when required ("just in time curriculum"). The CMP research team is developing ideas for further research in this area and would welcome readers' input. Contact us at cmp@senecac.on.ca

Links to related web sites:

<http://www.edu.gov.on.ca/eng/policyfunding/growSuccess.pdf> (Ministry of Education)

<http://www.edu.gov.on.ca/eng/general/college/progstan/essential.html> (MTCU)

<http://www.conferenceboard.ca/topics/education/learning-tools/employability-skills.aspx> (Conference Board of Canada)

<http://atc21s.org/default.aspx> (21st Century Skills Project)