

THE IMPACT OF MICHIGAN COMMUNITY COLLEGES

2012-13

WORKFORCE DEVELOPMENT AGENCY, STATE OF MICHIGAN Education and Career Success Community College Services

July 2014

INTRODUCTION

Community College Services staff, Workforce Development Agency, State of Michigan, are providing this information to aid policy makers and community college personnel in their planning efforts to support access for students to quality instruction and to assist the training needs of industry and labor. Hundreds of businesses entered into training contracts and participated on local advisory committees over the last year. These businesses share a goal with Michigan's 28 public community colleges to continuously improve occupational education and the skills of their workers. Additional details are available by contacting the appropriate unit staff:

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For this report, please go to http://www.michigancc.net/resource/impact/default.aspx.

The Michigan Workforce Development Agency is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.

PARTI

DemographicOverview

Fall 2013: A Snapshot of Enrollment¹

- Michigan community colleges reported to the federal government that 226,255 students were enrolled fall 2013, reflecting a 4.70% decrease from fall 2012 enrollments.
- Thirty-four percent (34%) of the students were enrolled full-time while sixty-six percent (66%) were enrolled part-time.
- 34,570 students enrolled in a community college for the first time in fall 2013.
- Of the 34,570 students that entered community colleges for the first time, 16,778 were men and 17,792 were women.
- Forty-three percent (43%) of those enrolled in fall 2013 were men while fifty-seven percent (57%) were women.
- The minority² population remained stable at 26% in fall 2013.
- The mean age of the community college student was 26.3 years old.

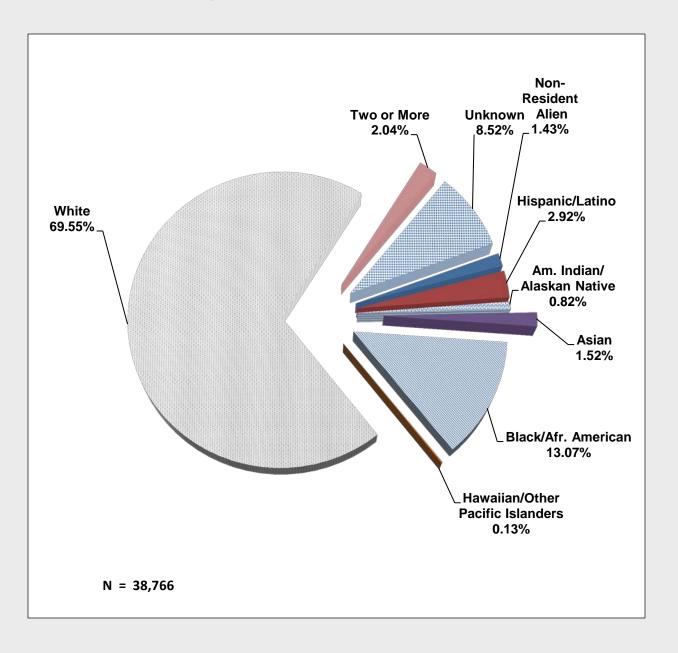
Total Enrollment for 2012-20131

- Approximately 450,553 students were enrolled in Michigan community colleges during 2012-2013.
- Fifty-nine percent (59%) of these students were enrolled in 341 programs, while forty-one percent (41%) took coursework in order to strengthen their skills, increase their employment potential, or personal interest.
- Of the 450,553 students enrolled during 2012-2013, 267,571 students were enrolled in programs.
- Of the 267,571 students enrolled in programs, sixty percent (60%) or 159,803 students were enrolled in occupational programs.
- Fifty-five percent (54%) of those enrolled in occupational programs were women and forty-six percent (46%) were men.
- Over 90 million contact hours of instruction were generated during 2012-13.

¹ This snapshot includes students taking at least one course creditable towards a degree as of October 15, 2013 or the 1/10th of the semester.

²Includes Black/African American, American Indian/Alaskan Native, Hispanic/Latino, Native Hawaiian/Pacific Islanders, Asian, and Two or More es.

- Michigan community colleges conferred 38,766 certificates and associate degrees during 2012-2013, reflecting a 1.6% increase from 2011-12.
- Sixty-one percent (61%) of the awards conferred went to women and thirtynine percent (39%) went to men.
- Fifty-eight percent (58%) of the awards conferred during 2012-2013 were in occupational programs.



In Which Programs are Students Enrolling?

Sixty-three percent (63%) of the students enrolled in programs were in the following:

CIP				
Code	Program Name	Men	Women	TOTAL
24.0101	Liberal Arts and Sciences/Liberal Studies	22 410	25 512	E7 022
24.0101	General Studies	22,410	35,513	57,923
52.0201		9,346	11,683	21,029
51.3801	Business Administration and Management, General	10,264	9,459	19,723
43.0107	Nursing - Registered Nurse Training (RN) Criminal Justice/Police Science	3,011 4,955	15,068 2,703	18,079 7,658
43.0107	Chillinal Justice/Folice Science	4,955	2,703	7,000
52.0302	Accounting Technology/Technician and			
	Bookkeeping	1,859	3,213	5,072
52.0101	Business/Commerce, General	2,105	2,044	4,149
47.0604	Automobile/Automotive Mechanics Technology	3,668	254	3,922
12.0503	Culinary Arts/Chef Training	1,894	1,778	3,672
13.1202	Elementary Education and Teaching	786	2,679	3,465
11.0201	Computer Programming/Programmer, General	2,445	707	3,152
51.3901	Licensed Practical /Vocational Nurse Training	370	2,771	3,141
51.1105	Pre-Nursing Studies (NEW)	382	2,274	2,656
14.0101	Engineering, General	2,319	281	2,600
51.0801	Medical/Clinical Assistant	280	2,078	2,358
43.0103	Criminal Justice/Law Enforcement Administration	1,358	994	2,352
43.0102	Corrections	835	1,465	2,300
48.0508	Welding Technology/Welder	2,073	134	2,207
19.0708	Child Care and Support Services Management	125	1,982	2,107
26.0101	Biology/Biological Sciences, General	944	1,163	2,107
	TOTAL	72,429	98,243	169,672

In What Programs are Students Earning Certificates and Degrees?

Sixty-six percent (66%) of the awards conferred were in the following programs:

CIP Code	Program	Men	Women	TOTAL
24.0101	Liberal Arts and Sciences/Liberal Studies.	2,825	5,435	8,260
24.0102	General Studies.	2072	3336	5,408
51.3801	Registered Nursing/Registered Nurse.	380	2,217	2,597
52.0201	Business Administration and Management, General.	693	914	1,607
51.3901	Licensed Practical/Vocational Nurse Training.	151	1120	1,271
40.040=	0	F00	220	750
43.0107	Criminal Justice/Police Science.	532 689	220 51	752 740
47.0604 51.3902	Automobile/Automotive Mechanics Technology/Technician.	127	570	697
52.0302	Nursing Assistant/Aide and Patient Care Assistant/Aide. Accounting Technology/Technician and Bookkeeping.	184	406	590
52.0302	Business/Commerce, General.	226	269	495
02.0101	Dasiness/commerce, ceneral.	220	200	.00
51.0904	Emergency Medical Technology/Technician (EMT Paramedic).	267	206	473
51.0801	Medical/Clinical Assistant.	13	378	391
24.0199	Liberal Arts and Sciences, General Studies and Humanities,	128	212	340
11.0901	Computer Systems Networking and Telecommunications.	297	35	332
12.0503	Culinary Arts/Chef Training.	149	183	332
48.0508	Welding Technology/Welder.	284	26	310
43.0102	Corrections.	100	180	280
51.1009	Phlebotomy Technician/Phlebotomist.	19 50	261 220	280 270
22.0302	Legal Assistant/Paralegal.	254	220 14	270 268
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration	204	14	200
	TOTAL	9,440	16,253	25,693

Are Students Succeeding?

Based upon data gathered for 2012-13, occupational students are either meeting or coming within 90% of the expected levels of performance as required by the Carl D. Perkins Act:

- Ninety-one percent (91%) of the occupational concentrators¹ that took technical skill assessments passed.
- Thirty percent (30%) of the occupational concentrators that left postsecondary received a degree, certificate or credential.
- Sixty-nine percent (69%) of occupational concentrators that were enrolled during 2011-12 and did not earn an award during 2011-12, either transferred or remained enrolled in their original postsecondary institution during 2012-13
- Eighty-five percent (85%) of occupational concentrators that left postsecondary were either employed, in an apprenticeship program, or entered the military.
- Twenty-six percent (26%) of occupational participants² enrolled in non-traditional programs were enrolled in programs considered non-traditional for their gender.
- Twenty-one percent (21%) of occupational concentrators that received awards in nontraditional programs received an award in a program considered non-traditional for their gender.

¹Concentrator - student officially enrolled in an occupational program and had earned at least 12 credits towards the completion of an award (excluding developmental courses) at the beginning of the reporting year.

²Participant - A postsecondary/adult student who has earned at least 1credit in any CTE program area

PARTII

Financial Overview

Community colleges expended \$1,505,602,018 in general and designated funds in the performance of their missions during 2012-13.

REVENUE SOURCE	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
COUNCE	2004 2000	2000 2000	2000 2001	2007 2000	2000 2000	2000 2010	2010 2011	2011 2012	2012 2010
STATE AID	23.9%	22.3%	18.9%	21.7%	20.0%	18.9%	19.1%	18.9%	20.6%
PROPERTY TAX	40.4%	40.7%	41.3%	39.0%	38.6%	36.5%	33.7%	32.1%	32.5%
TUITION & FEES	31.7%	32.7%	34.5%	34.3%	37.0%	40.8%	44.1%	44.7%	44.9%
ALL OTHER	4.0%	4.3%	5.3%	5.0%	4.4%	3.8%	3.1%	4.3%	2.1%
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%

¹ Two delayed payments were appropriated to the Community Colleges in 2007-08 as a one-time supplemental payment for 2006-07, and had to be recorded in 2007-08 due to GAAP requirements.

PART III

Purpose of the Carl D. Perkins Career and Technical Education Act of 2006

To provide Michigan community colleges additional funding to improve their occupational programs in order to more fully develop the academic, occupational, and technical skills of students who enroll in occupational programs. This end is achieved through concentrating resources on the following objectives:

- Strengthening the academic and vocational and technical skills of students participating in vocational and technical education programs through integration;
- Providing students with strong experience in and understanding of all aspects of an industry;
- Developing, improving, or expanding the use of technology in occupational and technical education;
- Providing professional development programs;
- Developing and implementing evaluations, including an assessment of how the needs of special populations are being met;
- Initiating, improving, expanding, and modernizing quality vocational and technical education programs;
- Providing services and activities that are of sufficient size, scope, and quality to be effective; and
- Linking secondary vocational and technical education and postsecondary occupational and technical education.

Federal Support from the Carl D. Perkins Career & Technical Education Act of 2006 2007-08 through 2012-13

- Community colleges have spent over \$3,853,934 in Perkins funds from 2007-08 through 2012-13 to enhance and increase career guidance, placement, and counseling activities.
- From 2007-08 through 2012-13, \$7,293,335 in Perkins dollars were utilized to support worksite
 instruction, customized training, and economic development programs available to local
 businesses, industry, and labor.
- A total of \$81,460,532 were distributed to 28 community colleges, 1 tribal college, and 3 four-year universities over this six-year time period.
- A total of \$6,956,985 was spent on the following state leadership activities:
 - Local Leadership (\$2,928,034)
 - Professional Development (\$507,607)
 - Data and Evaluation Activities (\$773,402)
 - Curriculum Development (\$933,726)
 - Curriculum, Assessment & Evaluation, & Professional Development (CAP)
 Leadership—FYs 2009-2012 (\$1,407,112)
 - Fast Track (\$407,104)
- \$34,294,296 was used to fund professional development, developmental instruction, instructional equipment, curriculum integration, program planning and development, and the establishment of secondary linkages.
- \$11,908,384 was expended for student support services

2012-13 Carl D. Perkins Grant

BASIC GRANT BUDGET	
Local Leadership	\$498,200
MI Community College & Evaluation Committee	\$125,928
Professional Development	\$79,500
Curriculum Development: Programs of Study	\$230,000
Curriculum Development, Assessment & Evaluation, & Professional Development (CAP) Leadership	\$200,000
State Leadership	\$205,894
85% Formula-Program Improvement Activities	\$13,160,735
PROGRAM IMPROVEMENT EXPENDITURES	
901 - Special Populations - Pupil Support Services	\$2,080,565,
902 - Special Populations - Instructional Support	\$469,842
903 - Special Populations - Instructional Supervision	\$1,334,302
904 - Special Populations - Instruction	\$1,736,716
912 - Career Guidance	\$690,612
913 - Program Planning & Development	\$870,124
914 - Professional Development	\$400,977
916 - Instructional Equipment	\$3,751,796
917 - Linkages	\$213,792
918 - Worksite Instruction	\$748,018
919 - Economic Development and Customized Training	\$591,234
921 - Administrative Costs	\$249,789

State Administration

Technical Assistance

Staff of Community College Services provide technical assistance to the 28 community colleges, 1 tribal college and 3 universities as required by the Perkins Act. Specific activities during 2012-13 included:

- Coordinating and supporting the web-based data collection system, Michigan Community College Network (MCCNet) as well as the Community College Services On-Line Application/Grant Processes;
- Providing in-services and on-site technical assistance visits in order to help colleges determine the best use of their Perkins funding;
- Coordinating and providing a format for the development and implementation of statewide technical assistance through various task forces, professional organizations, conferences, and ad hoc state-level steering committees;
- Promoting and cooperating with the Michigan community college associations and organizations in the undertaking of specific activities;
- Maintaining cooperative and supportive relationships with federal and state professional organizations and committees*;
- Representing the Workforce Development Agency in the implementation of the Community College Act of 1966;
- Providing leadership in all aspects of curriculum, matriculation and student articulation, including the implementation of agreements between colleges, universities, and secondary schools;
- Providing leadership and direction concerning all matters related to institutional and student outcomes (e.g. Perkins accountability, evaluation methodology);
- Providing support for entrepreneurship initiatives;
- Providing support for Green Jobs Initiative;
- Promoting best practices at Michigan Community Colleges.

^{*}See Appendix A for a listing of organizations and committees.

Local Leadership

Local leadership grants are awarded to support the technical assistance needs of college personnel in planning and implementing the comprehensive program of occupational education. During 2012-13, \$493.291 was expended for local leadership and related travel activities.

Professional Development

Grant activities were available to encourage community colleges to cooperatively plan for new occupation areas, preferably high technology and/or other in emerging occupational areas. During fiscal year 2012-13, \$528,963 was allocated for this purpose.

A sample of activities that occurred during fiscal year 2012-13 include:

- Michigan Community College Data and Evaluation Committee (MCCDEC)
- Trends in Occupational Studies Annual Conference
- Community College Programs of Study
- Web-based Application and Data Collection Updates to MCCNET (Michigan Community College Network, www.michigancc.net)
- Michigan Occupational Special Populations Association (MOSPA) Conference
- Michigan Postsecondary Special Populations Council (MPSSPC)
- Web-based Grants Management System and ACS Database Development
- Michigan Educators' Apprenticeship and Training Association (MEATA) Conference

Curriculum Development, Assessment & Evaluation, and Professional Development (CAP)

During fiscal year 2012-13, \$178,315 were allocated for activities designed to provide occupational education faculty with the knowledge necessary to upgrade their skills, improve curriculum and update and expand evaluation and assessment processes. A total of 89 activities were undertaken by community colleges within the state. Community college staff attended professional development workshops to stay current and bring this information back to their students. Consultants were hired to analyze programs and update curriculum to meet industry standards. New and emerging programs were developed and evaluation and assessment methods were modified to better reflect expected outcomes.

MICHIGAN COMMUNITY COLLEGE DATA AND EVALUATION COMMITTEE (MCCDEC)

Established in 1978 as a steering committee, the role of MCCDEC has continuously expanded over the years in order to keep up with the ever-changing demands being placed upon community colleges. Its main mission is to provide a broad based forum of expertise concerning data systems and data evaluation to improve the quality of Michigan's community colleges. The membership of this committee has included presidents, occupational deans, deans of student services, registrars, data processing personnel, liberal arts faculty, occupational faculty, institutional researchers, deans of instruction, as well as Special Populations Coordinators. The state heavily relied upon the input from this committee during 2012-13 in order to address data-related state and federal initiatives.

Over the 2012-13 year, MCCDEC was instrumental in:

providing policy technical assistance to Michigan Community colleges;

- collaborating with the Michigan Occupational Dean's Administrative Council in reviewing new methods of evaluating programs;
- reviewing PROE evaluation methods;
- reviewing proposed new Perkins Core Indicators;
- reviewing and providing input into the methodology and definitions for interpreting and implementing the Perkins accountability requirements;
- working with community colleges to identify and report on third-party certifications and assessments;
- sponsoring and working on methods for improving Special Populations data;
- working on and supporting the development of a Reports Taxonomy system;
- supporting and providing input on the web-based data collection system; and
- working with the Michigan Community College Association in reviewing ways to better utilize data from other state agencies.

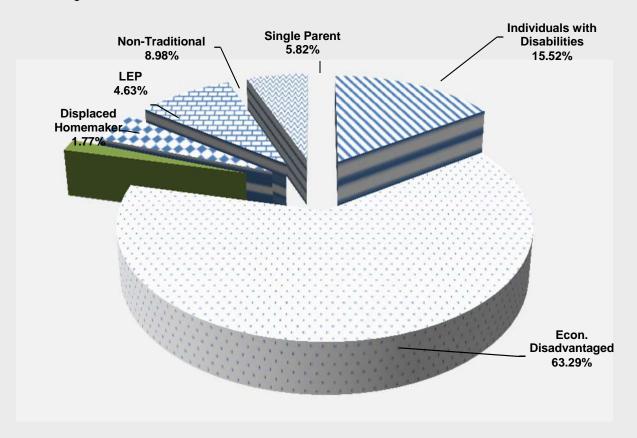
Special Populations Activities

Carl D. Perkins funds have been used to update and improve occupational programs by providing support services to students. Community colleges expended

\$3,614,393 in federal dollars to provide assessment, outreach, attendance costs, counseling and academic advising, tutoring, interpreter services, and special instructional assistance to Special Populations students during the 2012-2013 academic year. The total number of Special Populations students served was 42,901 (duplicated). The following is the breakdown:

Individuals with Disabilities	3,123
Economically Disadvantaged	26,166
Non-Traditional	10,767
Single Parent	991
Displaced Homemaker	275
Limited English Proficient	1,579

The following graph reflects the number of awards conferred to Special Populations students during 2012-2013



(N = 9,454 awards)

Appendix A

Federal and State Professional Organizations and Committees

- American Association of Community Colleges (AACC)
- Association of Community College Trustees (ACCT)
- Educational Tele-consortium of Michigan (ETM)
- Liberal Arts Network for Development (LAND)
- Michigan Association of Collegiate Registrars and Admissions Officers (MACRAO)
- Michigan Association for Institutional Researchers (MI/AIR)
- Michigan Community College Association (MCCA)
- Michigan Community College Association for Development, Assessment and Research (MCCADAR)
- Michigan Community College Business Officers Association (MCCBOA)
- Michigan Community College Community Services Association (MCCCSA)
- Michigan Community College Data and Evaluation Committee (MCCDEC)
- Michigan Community College for Global Education (MCCGE)
- Michigan Community College Personnel Administrators Organization (MCCPAO)
- Michigan Community College Student Services Association (MCCSSA)
- Michigan Council of Nursing Education Administrators (MCNEA)
- Michigan Developmental Education Consortium (MDEC)
- Michigan Global Awareness Consortium (MGAC)
- Michigan Occupational Deans Administrative Council (MODAC)
- Michigan Occupational Special Populations Association (MOSPA)
- National Postsecondary Education Council (NPEC)
- National Association for Career Technical Education Information (NACTEI)
- National Association of State Directors of Career Technical Education (NASDCTE)
- National Council for Marketing and Public Relations (NCMPR)
- National Council for Workforce Education (NCWE)

Appendix B

Educational Publications and Studies Sponsored by the Community College Services

- Activities Classification Structure Data Book and Companion. http://www.michigancc.net/acs/databooks.aspx
- Articulation Handbook, April 1998.

[http://www.michigan.gov/documents/S_Articulation_Handbook_46501_7.doc]

- At-Risk Student Success Report. http://www.michigancc.net/resource/atrisk/default.aspx
- A Survey of Student Assessment and Developmental Education in Michigan's Community Colleges, 1989, 1990, 1998, 1999, 2010.

http://www.michigancc.net/resource/develop/default.aspx.

- A Report on the Acceptance of Vocational Education Courses for Admission Purposes at Michigan's Community Colleges and Universities, 1990.
- Collaboration and Cooperation Efforts with Four-year Universities.
- Community College Districts in Michigan, 1990, as amended.
- · Community College Data Base Annual Report, 1990 through 1995.
- Community College Student Transfers to Michigan's Universities, 1988, 1989.
- Dictionary of Michigan Community College Terminology

[http://www.michigancc.net/resources/def/]

- Dean's Guide to Michigan Community Colleges
 http://www.michigancc.net/Perkins/resources-guide.aspx?PageFunction=ViewGuide
- Directory of Michigan Community Colleges. http://www.michigancc.net/resource/directories.aspx
- Directory of Michigan Institutions of Higher Education. http://www.michigancc.net/resource/directories.aspx
- Michigan Community College Demographic Enrollment

http://www.michigancc.net/ccdata/demographics/default.aspx

Michigan Community College Journal, Research and Practice, 1995 through 2002.

http://www.schoolcraft.edu/cce/

- Manual for Uniform Financial Reporting, Michigan Public Community Colleges.
- North American Indian Tuition Waivers Report.
 http://www.michigancc.net/resource/naitw/default.aspx