

MichiganTech

CAMPUS FORUM

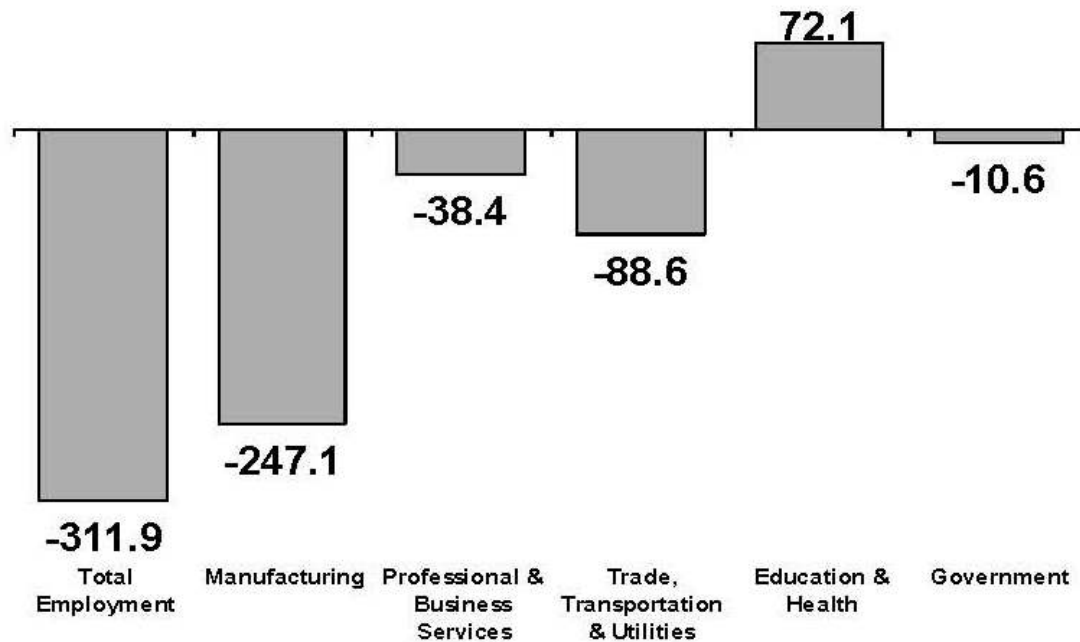
February 20, 2007

Overview of Michigan Revenues

Presidents Council
State Universities
of Michigan

Robert J. Kleine
State Treasurer
January 24, 2007

Employment Changes 2000-2006



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Source: 2000 actuals from Bureau of Labor Statistics; 2006 estimates from Department of Treasury.

Domestic Auto Market Share Below 50%

1986 - 2011

	1986	1993	2007	2011
Big 3	72.4%	73.7%	52.2%	45.2%
Internationals	27.6%	26.3%	47.8%	54.8%

Employment Forecast

Thousands

	<u>Manufacturing</u>	<u>Private Non- Manufacturing</u>	<u>Government</u>	<u>Total</u>
2006	-28.4	9.2	-2.8	-22.0
2007	-32.9	7.5	-1.3	-26.7
2008	-27.3	12.1	-2.0	-17.2

Recessions and Recoveries in Michigan

Quarter of Peak Jobs before Recession	Number of Quarters from Peak To Regain Jobs	Jobs Lost from Peak to Trough	
		Thousands	%
1960.2	9	174.1	7.3
1969.4	12	230.7	7.4
1973.4	12	216.6	6.5
1979.2	30	533.7	14.6
1990.3	11	109.4	2.7
2000.2	>34*	362.7**	7.7**

Michigan Private Sector Employment

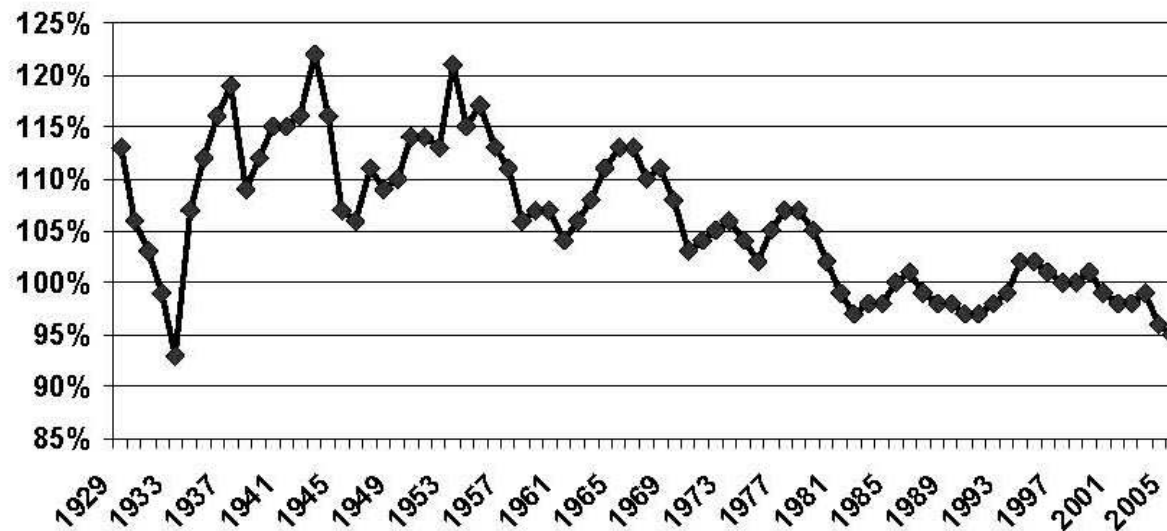
	<u>% of Michigan Employment</u>	<u>Number of Jobs 8/03 to 8/06</u>
<u>Increasing Sectors</u>		
Education & Health	15.3%	30,500
Professional & Business Services	15.9%	20,600
Leisure & Hospitality	10.9%	12,500
Other Private Super Sectors	<u>19.6%</u>	<u>6,500</u>
Total	61.7%	70,100
<u>Decreasing Sectors</u>		
Manufacturing	18.3%	-70,800
Wholesale/Retail Trade	18.2%	-28,400
Other Private Super Sectors	<u>1.8%</u>	<u>-2,900</u>
Total	38.3%	-102,100

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Government lost 18,800 jobs from 8/03 to 8/06 and is 15.4% of total wage & salary employment.

Michigan Personal Income Falling Relative to U.S.

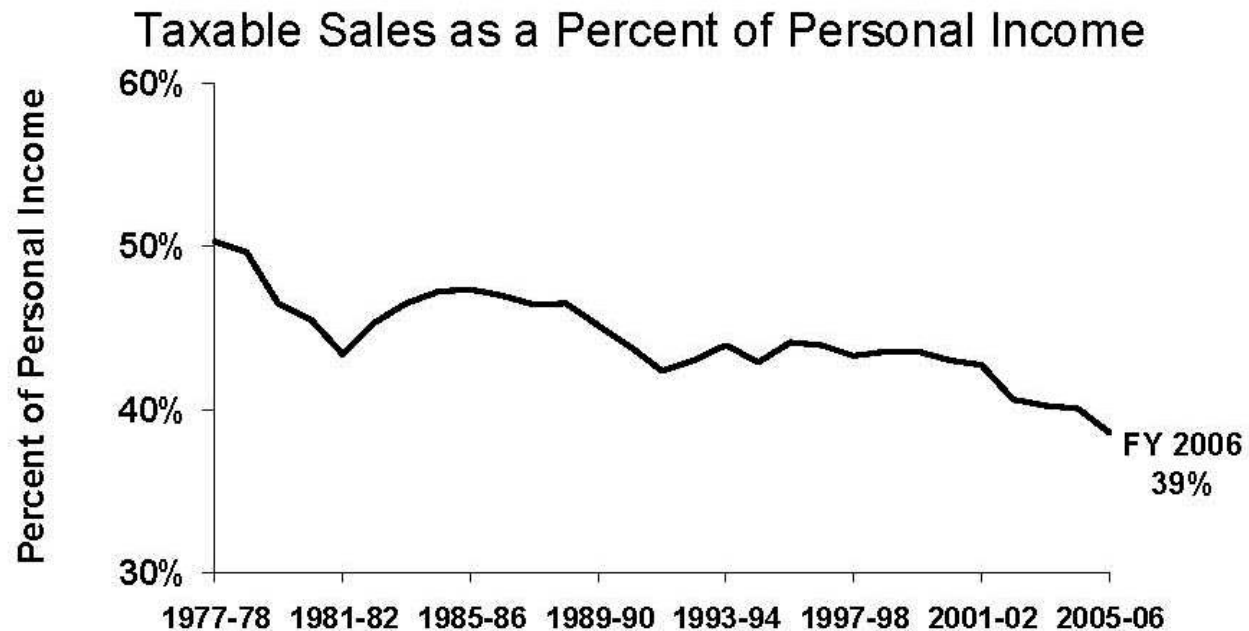
Michigan per Capita Income as a Percent of U.S. Per Capita Income



Revenue at Extreme Historic Lows

<u>Fiscal Year</u>	<u>Governor</u>	<u>Inflation Adj GF Revenue (2006\$)</u>	<u>% Above 2006</u>
1973	Milliken	\$11,820	43%
1978	Milliken	\$12,129	47%
1989	Blanchard	\$11,649	41%
1999	Engler	\$11,518	39%
2000	Engler	\$11,496	39%
2006	Granholm	\$8,267	

Sales Tax Share Declining



Education Affects State Income

State	Education		Income	
	% with BA	Rank	Per Capita	Rank
Dist. of Columbia	45.7%	1	\$54,985	1
Massachusetts	36.7%	2	\$37,756	3
Colorado	35.5%	3	\$37,946	9
New Hampshire	35.4%	4	\$38,408	7
Maryland	35.2%	5	\$41,760	5
New Jersey	34.6%	6	\$43,771	4
Connecticut	34.5%	7	\$47,819	2
Michigan	24.4%	37	\$33,116	25
Louisiana	22.4%	45	\$24,820	51
Alabama	22.3%	46	\$29,136	42
Indiana	21.1%	47	\$31,276	34
Kentucky	21.0%	48	\$28,513	43
Mississippi	20.1%	49	\$25,318	50
Arkansas	18.8%	50	\$26,874	49
West Virginia	15.3%	51	\$27,215	48

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Governor's Budget for Michigan

- Budget Cuts
- Tax Increases
- Transfers

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Governor's Proposal for Higher Education

- \$2.6M Decrease – Extension Service
- Delayed Half Payment in August
- Rate of Inflation Increase 2008
- Tuition Restraint



Fund Comparison

	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>
General Fund				
Income	(\$ 2.5M)	\$ 1.9M	\$.6M	\$.5M
Balance	(\$11.9M)	(\$10.0M)	(\$9.4M)	(\$8.9M)
Current Fund				
Income	\$ 1.5M	\$ 3.3M	\$ 1.2M	\$.9M
Balance	\$ 10.1M	\$13.4M	\$14.6M	\$15.5M

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ENROLLMENT

Fall 2007 Undergraduate Enrollment

	♪	♪	♪	♪	2006	2007	Change	
• Total apps					3,944	4,388	444	11.3%
• Accepts					2,816	3,182	366	13%
• Deposits					781	999	218	27.9%

Fall 2007 Graduate Student Applicants

	2006	2007	Change	
• Master	622	710	88	14%
• Ph.D.	415	582	167	40%

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FUND RAISING

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GOALS SUMMARY CHART

	Goals 07	FYTD 07
Restricted Individual Gifts		
Major	\$17.00M	\$2.41M
Non-Major	\$ 1.50M	\$790K
Planned Giving	\$ 4.50M	\$15.6M
Annual Fund	\$ 1.53M	\$870K
Corporate & Foundation	\$ 4.75M	\$1.42M
Gifts-In-Kind	<u>\$.72M</u>	<u>\$1.06M</u>
Total FY 2007 Goal	\$30.00M	\$22.12M

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MEDIA HITS 7/05-7/06

Kettering – 230

Detroit Free Press, New Strait Time (Malaysia),
New York Times

University of Michigan Engineering- 85

Pittsburgh Post Gazette, Detroit Free Press

Purdue Engineering- 113

Indianapolis Star, Fortune, Miami Herald

Rose-Hulman Institute of Technology- 406

Arizona Daily Star(Tucson), The News and Observer(Raleigh, NC),
Indianapolis Star

Michigan Tech- over 3,000!!!

PR Newswire, Detroit Free Press, St. Petersburg Times

PC

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JANUARY 2007



PC MAGAZINE

#7

Michigan Tech University



"One of the major advantages is the small class sizes. Most of my classes have fewer than 20 students."—Mark Szaroletta, age 20, senior

MICHIGAN TECH UNIVERSITY

Houghton, Michigan

- Aggressive internship program
- 24-hour access to computer labs
- Student involvement in IT infrastructure

TUITION
In-state \$7,560
Out-of-state \$18,750

YOU'VE NO DOUBT HEARD OF THOSE titans among schools of engineering and technology, Michigan State and the University of Michigan. But the Wolverine State also boasts a small school, tucked away in the blustery Upper Peninsula town of Houghton, whose technical offerings are nothing short of first-rate.

Michigan Technological University is a small school with just over 5,500 undergraduates (most of them male engineering majors), so most students know each other and their professors very well. The cornerstone of a Michigan Tech education is student involvement in both the school's IT infrastructure and the real world.

One of the new technology implementations at Michigan is the iClicker (www.iclicker.com), a small RF device that students carry in their pockets. The iClicker can be used for attendance, test-taking, and more.

"Around 90 percent of the IT pros here were former students at Michigan Tech," says Walter Milligan, the CIO and a professor of materials science and engineering.

Blue Marble, a part of the school's Enterprise Program, is a good example of the school's dedication to a real-world education. In the program, students form "corporations" that mimic the structure of real ones. Then real companies give the Blue Marble groups grant money to come up with innovative solutions to actual engineering/tech problems. Mark Szaroletta, a 20-year-old senior, electrical engineering major, and current president of Blue Marble, speaks with pride of the group's current list of projects.

"We're working with the state of Michigan to develop GPS with real-time correction capability, with Rockwell Collins to test the robustness of network connections among surveillance aircraft, and on an RFID project to help drivers see available parking spaces in a garage before they enter," he explains.

Szaroletta, who has an internship with Smith Aerospace and plans to work in defense technology upon graduation, says that Michigan Tech has made giant strides in technology. "They've come a long way in just the few years I've been here," he says. "We used to have slow wireless in just a few buildings, but now we have wireless pretty much everywhere on campus, not to mention a secure VPN I can access from my apartment off campus."

Some of the recent technology upgrades include enhanced classrooms with smart whiteboards, podcast lectures, and online storage. The school also has 24-hour secure access to most of its computer labs with the swipe of a student ID card that has an embedded chip.

Although much of the time spent at Michigan Tech might be trudging through the 216 inches of annual snowfall, students are confident that their job prospects are bright and sunny.—Erik Rhey

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Volume 30, Issue 6

TECH TALK: PAERSON'S WINDUP; NORDIC POWER

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RESEARCH

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Second Quarter FY2007

Sponsored Program Awards

- Awards through the second quarter of FY07 totaled \$26,569,375, an increase of \$2,635,168 (11%) over the second quarter of FY06.
- MTRI joined Michigan Tech on October 1, 2006; these values, and all others going forward, include MTRI activities.

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Second Quarter FY2007 Update Research Expenditures

- Research expenditures through the second quarter of FY07 totaled \$25,122,564, an increase of \$4,934,570 (24%) over the second quarter of FY06

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Recognition

- The National Science Foundation CAREER awards are highly competitive and prestigious awards made to untenured faculty. So far this year we have two recipients:
 - Chunxiao Chigan (ECE)
 - Ranjit Pati (PH)

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OTHER UPDATES

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Searches

- Provost
- College of Engineering Dean
- College of Sciences & Arts Dean
- School of Business & Economics Dean

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Campus Plan

- HGA
- Fresh Look Committee
 - John Rovano
 - Theresa Coleman-Kaiser
 - Jim Baker
 - Blair Orr

<http://www.admin.mtu.edu/urel/dashboard/index.html>

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QUESTIONS?