



BOARD OF REGENTS

SUMMARY OF ITEM FOR ACTION
INFORMATION OR DISCUSSION

TOPIC: USM Economic Impact Study Update (information item)

COMMITTEE: Economic Development and Technology Commercialization

DATE OF COMMITTEE MEETING: September 13, 2012

SUMMARY: The Committee will be updated on the status and preliminary findings of the study evaluating the economic impact of the University System of Maryland.

ALTERNATIVE(S): This item is for information purposes.

FISCAL IMPACT: This item is for information purposes.

CHANCELLOR'S RECOMMENDATION: This item is for information purposes.

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Joseph F. Vivona (301) 445-2783

Updating the 2002 USM Impact Study

Status Report and Schedule



**THE ECONOMIC IMPACT OF
THE UNIVERSITY SYSTEM OF
MARYLAND:**

A FISCAL PERSPECTIVE

Project Overview

Approach: Human Capital Based Approach –
Universities as a Source of Human Capital.

1. Economic Impacts

- Analyze Earnings of Three Cohorts – The 1986 and 1989 Cohorts in the Old Study and the 1996 Cohort
- Out-of-State Spending of USM Institutions

2. Workforce Development – The Role of USM in Maryland's Workforce Development System

3. Economic Development -- The Role of USM in Economic Development in Maryland.

4. Community Impact – Social Service Impacts of USM Institutions

Project Status

1. Economic Impacts

- Analyze Earnings of Three Cohorts – The 1986 and 1989 Cohorts in the Old Study and the 1996 Cohort

Status: In Progress – Earnings Analysis Complete
Economic Impact Modeling Underway

- Economic Impact of Out-of-State Spending of USM Institutions

Status: Complete

Some Preliminary Results to Follow

Preliminary Results – Out-of-State Spending Impacts

Economic Base Approach - Draft Results					
Economic Impact					
(Fiscal 2011)					
Item	Direct Impacts	Output	Earnings	Employment	
Total	\$1,820,120,560	\$3,685,234,829	\$1,162,770,526	30,098	
Non-Resident Student					
Tuition and Fees	\$392,177,592	\$821,415,967	\$275,779,283	6,697	
Student Cost of Living	\$439,700,681	\$807,226,693	\$203,754,437	6,436	
Federal Grants and Contracts	\$917,648,614	\$1,922,015,022	\$645,290,505	15,671	
Out-of-State Visitors	\$70,593,673	\$134,577,146	\$37,946,300	1,293	
Source: USM, JFI U.S. Bureau of Economic Analysis					

Project Status

2. Workforce Development – The Role of USM in Maryland’s Workforce Development System
 - Enrollment
 - Graduation
 - Graduation Compared to Demand
 - In-State Employment of 2006 and 2009 Cohorts (New)

Status: Data Compete – Write-up in Process

Preliminary Results – Enrollment

University System of Maryland's Share of Total Maryland Enrollment at Four-Year Degree Granting Institutions, 2011 Enrollment Cycle							
	All Maryland Institutions	University System of Maryland	Percent of Total	Morgan & St. Mary's	Percent of Total	Independent Colleges and Universities	Percent of Total
Full-time Undergraduate	116,063	78,723	67.8%	7865	6.8%	29475	25.4%
Part-time Undergraduate	37,084	32,402	87.4%	808	2.2%	3874	10.4%
Full-time Graduate/Professional	28,682	17,637	61.5%	753	2.6%	10292	35.9%
Part-time Graduate/Professional	42,791	26,845	62.7%	584	1.4%	15362	35.9%
Total	224,620	155,607	69.3%	10010	4.5%	59003	26.3%

Project Status

3. Economic Development -- The Role of USM in Economic Development in Maryland.
 - Research
 - Technology Transfer
 - Start-up Companies
 - Programs
 - Research Parks and Incubators

Status: Data Compete – Write-up in Process

Preliminary Results – Selected Maryland Research Expenditures

Table 19						
Research Expenditures in FY 2010 by USM and Johns Hopkins University						
(Millions of Dollars)						
2010	Total Research Expenditure	Percent of Total	Federal Sponsored Expenditure	Percent of Total	Industry Sponsored Expenditure	Total
TOTAL	\$3,421.8	100%	\$2,828.2	100%	\$267.80	100%
University System of Maryland	\$887.9	26%	\$632.3	22%	\$142.10	53%
UM, College Park	\$405.5	12%	\$301.3	11%	\$11.90	4%
UM, Baltimore	\$400.5	12%	\$272.4	10%	\$128.20	48%
UM, Baltimore County	\$81.9	2%	\$58.6	2%	\$2.00	1%
Johns Hopkins University	\$1,463.0	43%	\$1,135.3	40%	\$115.60	43%
Johns Hopkins University APL	\$1,070.8	31%	\$1,060.7	38%	\$10.20	4%
Source: USM and AUTM						

Preliminary Results – Research Parks and Incubators

Campus	Park/Incubator	Number of Tenants	Number of Employees
Research Parks		<u>117</u>	<u>3,198</u>
Frostburg	Allegheny Business Center	4	213
UM, Baltimore	UMB BioPark	31	660
UMBC	3 Incubators and an Accelerator	68	410
UMCP	M Square	14	1,915
Incubators		71	864
Bowie		4	n.a.
Towson University	Towson Global	11	49
UMBC	BWTech	33	697
UMCP	TAP	12	98
		11	20
Source: USM			

Project Status

4. Community Impact – Social Service Impacts of USM Institutions
 - Volunteer and Community Outreach
 - Government Service
 - Community Development
 - Support for Primary And Secondary Education
 - Educational Events and Services
 - Sports and Entertainment Activities

Status: Data Compete – Draft Write-up Complete

Project Status

Project Schedule

1. Draft Report – End of September
2. USM Review/Editing – October
3. Final Report – End of October