
Maryland Emergency Medical System Operations Fund Fiscal 2009 Budget Overview

**Department of Legislative Services
Office of Policy Analysis
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Analysis of the FY 2009 Maryland Executive Budget, 2008

MEMSOF – Fiscal 2009 Budget Overview

Maryland Emergency Medical System Operations Fund

Fiscal 2009 Budget Overview

Funding for Maryland's emergency medical services (EMS) system is provided from a variety of State, local, and volunteer sources. Annual State budget support for EMS is provided from the Maryland Emergency Medical System Operations Fund (MEMSOF). MEMSOF was created by legislation adopted by the 1992 General Assembly. The source of revenue for MEMSOF is an \$11 annual surcharge on motor vehicle registrations for certain classes of vehicles, as specified in Section 13-954 of the Transportation Article. Interest earned annually on the fund balance is credited to the fund.

Uses of MEMSOF

As stated in Section 13-955 of the Transportation Article, the money in MEMSOF shall be used solely for the following components of Maryland's EMS program:

- **Maryland State Police, Aviation Division:** The mission of the Maryland State Police (MSP), Aviation Division is to protect and improve the quality of life through the airborne delivery of emergency medical, law enforcement, and search and rescue services. Special funds from MEMSOF support Medevac and search and rescue functions, and general funds support law enforcement and homeland security functions. Beginning in fiscal 2003, the split was changed to 80% special fund/20% general fund based on the ratio of Medevac flights to non-medically related flights. This fund split was 70% special fund/30% general fund through fiscal 2002.
- **The Maryland Institute for Emergency Medical Services Systems:** The Maryland Institute for Emergency Medical Services Systems (MIEMSS) was established as a State agency under legislation that became effective July 1, 1993. MIEMSS had been in existence for 20 years prior to that – first under the Department of Health and Mental Hygiene and then under the University of Maryland, Baltimore. MIEMSS oversees and coordinates all components of the statewide EMS system.
- **R Adams Cowley Shock Trauma Center:** The R Adams Cowley Shock Trauma Center (Shock Trauma Center), operated by the University of Maryland Medical System (UMMS), is the core element of the State's EMS and serves as the State's Primary Adult Resource Center for the treatment of trauma.
- **The Maryland Fire and Rescue Institute:** The Maryland Fire and Rescue Institute (MFRI) is the State's fire and emergency service training agency responsible for the majority of basic level pre-hospital training and education for emergency system service providers.

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- **Local Grants under the Senator William H. Amoss Fire, Rescue, and Ambulance Fund:** Title 8, Subtitle 1 of the Public Safety Article established the Amoss Fund for grants to local jurisdictions for the purchase of fire and rescue equipment and capital building improvements. These grants are administered by the Maryland Emergency Management Agency (MEMA). Distributions are made according to each county's percentage of total property tax assessments. Each county receives a minimum of 2% of the total and must expend funds for fire protection from its own sources that are at least equal to the amount of State funds to be received.
- **Volunteer Company Assistance Fund:** The Volunteer Company Assistance Fund (VCAF) is administered by the Maryland State Firemen's Association and MEMA, and its purpose is to provide grants and loans to volunteer fire, rescue, and ambulance companies for the purchase, replacement, or improvement of fire fighting and rescue equipment or facilities.

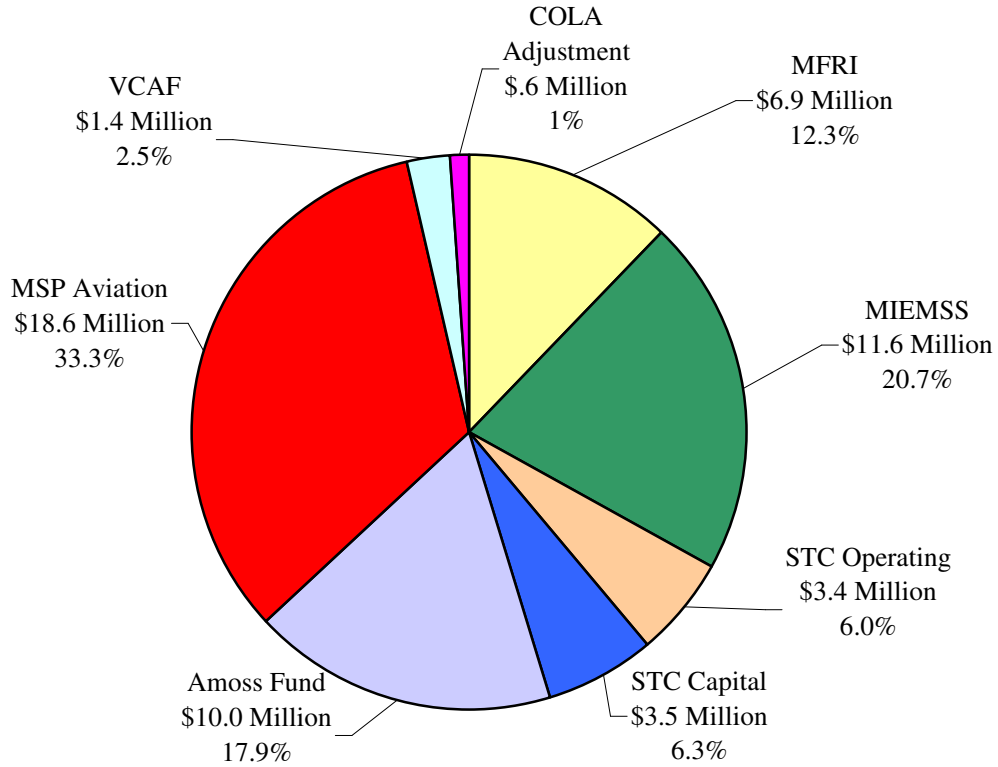
The VCAF is comprised of two previously separate programs. The Low Interest Revolving Loan Account (LIRLA) was established under Chapter 240 of 2000 to create a fund for volunteer fire, rescue, and ambulance companies. The program assisted the companies with loans of up to 75% of the cost of purchasing or refurbishing fire and rescue equipment and updating or replacing facilities needed to store equipment. The other program, the Emergency Assistance Trust Account (EATA), provided primarily grants to volunteer companies for replacement of equipment or structures that house equipment. EATA had historically been funded with a general fund grant. The Budget Reconciliation and Financing Act of 2004 merged these two programs within VCAF but retained the purposes for which those accounts may be used. That legislation also broadened the use of MEMSOF to include all purposes within VCAF.

MEMSOF Fiscal 2009 Allowance

The fiscal 2009 allowance provides for \$55.9 million in total expenditures funded from MEMSOF. **Exhibit 1** provides the percentage breakdown of each MEMSOF entity relative to total spending. The MSP Aviation Division (33.3%), MIEMSS (20.7%), Amoss Fund (17.9%), and MFRI (12.3%) make up the largest portions of MEMSOF expenditures.

Shown separately in the allowance is a \$571,000 adjustment for cost-of-living and other salary adjustments. In particular, the MSP Aviation Division adjusted salaries upward for aviation mechanics and civilian helicopter pilots in an effort to provide more competitive salaries. This adjustment is incorporated into the appropriate categories in the out-year forecast.

Exhibit 1
MEMSOF 2009 Expenditures



COLA: Cost-of-living Adjustment
MEMSOF: Maryland Emergency Medical System Operations Fund
MFRI: Maryland Fire and Rescue Institute
MIEMSS: Maryland Institute for Emergency Medical Services Systems
MSP: Maryland State Police
STC: Shock Trauma Center
VCAF: Volunteer Company Assistance Fund

Source: Governor’s Budget Books, Fiscal 2009

MEMSOF Oversight

EMS Board

The EMS Board was created under Chapter 592 of 1993. The legislation, referred to as the EMS Law, became effective on July 1, 1993. The EMS Board is appointed by and directly responsible to the Governor. The EMS Board consists of 11 members appointed by the Governor, and terms last for four years, ending on June 30. The EMS Board is tasked with developing, adopting, and monitoring a statewide plan to ensure effective coordination and evaluation of emergency medical services. The EMS Board appoints the executive director of MIEMSS, who serves as the administrative head of the State's emergency medical services and the operations of MIEMSS. MIEMSS implements the emergency medical services plan developed by the EMS Board. The EMS Board is required to prepare an annual budget proposal that includes the estimated income of MIEMSS and proposed expenses for EMS Board administration and operation. The EMS Board is also required to review and approve budgets for MIEMSS, Shock Trauma Center operating funding, MFRI, and the MSP Aviation Division.

EMS Advisory Council

The State EMS Advisory Council (SEMSAC) consists of 29 members appointed by the EMS Board with approval by the Governor. SEMSAC advises and assists the EMS Board and serves as the principal advisory body. SEMSAC also provides a means for regional EMS interests to be addressed, assists with the EMS Plan (criteria and guidelines for delivery of EMS), and assists with inter-regional and interstate EMS issues.

MEMSOF Agency Budget Process

MIEMSS, MFRI, Shock Trauma Center operating funding, and the MSP Aviation Division are all under a review and approval process overseen by the EMS Board.

- **April:** The EMS Board/SEMSAC Finance Subcommittee reviews final budgets approved by the legislature, reviews the *Joint Chairmen's Report*, and establishes a schedule for review of agency budget requests for the next fiscal year.
- **May through July:** The EMS Board/SEMSAC Finance Subcommittee meets with MEMSOF agencies to review proposed budgets and five-year plans. Also discussed are new program initiatives, budget compliance with Department of Budget and Management (DBM) directives, and projected long-term impact of the budgets on MEMSOF.

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- **August through September:** Budgets are presented to SEMSAC and the EMS Board for review and approval; agencies submit budgets to DBM, and the EMS Board forwards recommendations to DBM.
- **October through December:** Agencies meet with DBM and legislative analysts to review budget requests.
- **January through April:** Agencies appear before legislative committees and subcommittees for budget review.
- **Ongoing:** Agencies are subject to audit once every three years by the Office of Legislative Audits.

MEMSOF Entities without EMS Board Oversight

The Amoss Fund, VCAF, and Shock Trauma Center capital funding are not bound by a review and approval process by the EMS Board.

Amoss Fund

MEMA, within the Maryland Military Department, receives \$10 million from MEMSOF for the Amoss Fund for the purchase of fire and rescue equipment and capital building improvements. The entire amount is distributed to 23 counties and Baltimore City according to Title 8 of the Public Safety Article.

- The Director of Assessments and Taxation certifies a county's real property numbers relative to the statewide total of all land use property tax accounts (*e.g.*, the fiscal 2003 allocation was based on July 2001 numbers). Each county's percentage of the total is calculated and all counties must receive at least 2% of the Amoss Fund or \$200,000.
- The allocation to the counties is distributed in four equal payments in August, November, February, and May unless the county fails to meet its maintenance of effort (spending more for fire protection from its own sources than the amount of State funds received and spending an amount at least equal to the average amount expended in the prior three years). If a county does not meet its maintenance of effort, its allocation will be reduced by the same percentage its expenditures are short the required level.
- MEMA annually sends out instructions to all counties updating any changes to the law and reiterating all rules and requirements.

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- Counties are required to report on expenditures for the prior fiscal year (Schedule A) and for the Amoss Fund for the current fiscal year (Schedule B). Both reports delineate the distribution of the county grants and category of expenditure (equipment, apparatus, facilities, unexpended, undistributed, etc.).

Volunteer Company Assistance Fund

VCAF was created through enactment of Chapter 240 of 2000.

The Maryland State Firemen's Association (MSFA) reviews loan and grant applications from volunteer fire companies and makes recommendations to the Board of Public Works for a final decision and approval. The MSFA management of the program includes developing loan and grant criteria, loan terms, application review, and submission to the Board of Public Works for approval. MSFA is required to submit an annual report to DBM detailing loans and grants made during the previous fiscal year. MSFA is also required to submit financial statements and proof of expenditures for each loan or grant made from this account. MEMA is responsible for managing the appropriated funds and processing the requests for payment.

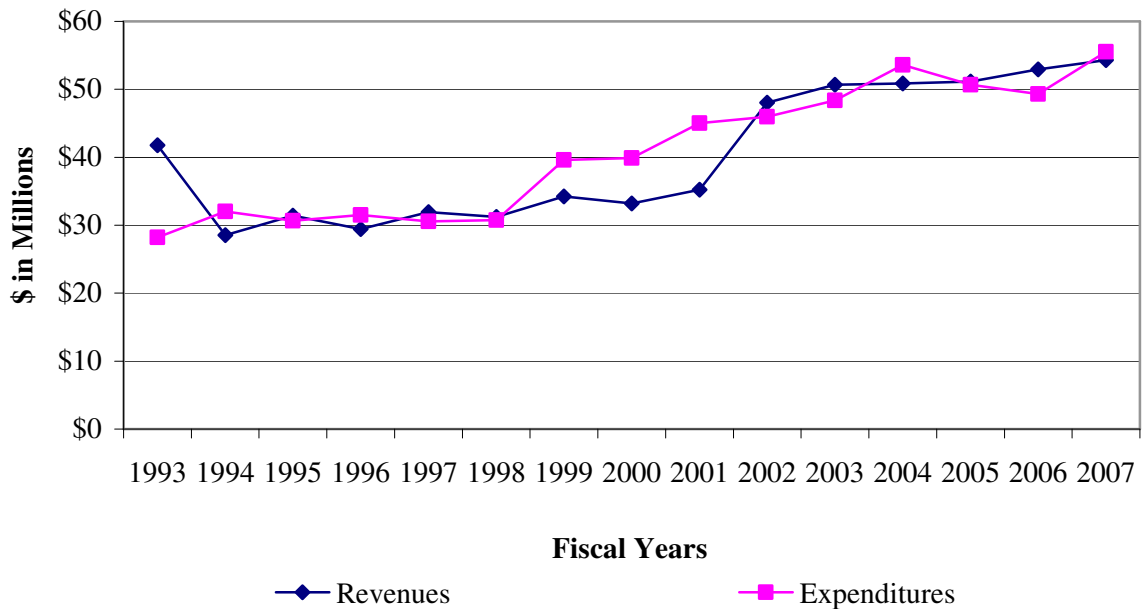
Shock Trauma Center Capital Funding

Funding for equipment and facility renewal at the Shock Trauma Center first appeared in the fiscal 2001 budget when \$3.5 million in special funds from MEMSOF was provided. The funds assist the Shock Trauma Center with efforts to replace and modernize its aging equipment and technology. Previously, the capital funds were used for upgrades and replacements such as medical air pumps and emergency generators. Another use of capital funds has been the acquisition of spiral computed tomography scanners that allow patients with critical injuries to receive chest and abdomen scans in a matter of seconds rather than minutes. Originally, the funding was part of a five-year capital equipment enhancement, ending in fiscal 2005. However, the center received \$1.5 million in fiscal 2006, and a second five-year program began in fiscal 2007 with continuation of an annual \$3.5 million grant. Planned enhancements include the upgrade of the angiography suite and preparation of the administrative space for critical care capability. Under the Administration's plan, MEMSOF funds for this initiative are not assumed to continue after fiscal 2011.

History of Revenues and Expenditures

Exhibit 2 provides a history of MEMSOF revenues and expenditures from fiscal 1993 through 2007. Revenues were much higher than expenditures during the first year of MEMSOF in fiscal 1993. MEMSOF received \$2.7 million from the Driver’s Education Fund and \$41.7 million in motor vehicle registration fees. The change to a biennial registration system created a one-time windfall.¹

Exhibit 2
MEMSOF Actual Revenues vs. Expenditures
Fiscal 1993-2007



MEMSOF: Maryland Emergency Medical System Operations Fund

Source: Department of Legislative Services

¹ Before fiscal 1993, car owners paid registration fees on an annual basis. The system was then changed to a biennial basis where car owners pay their registration fees one time to cover two years. In fiscal 1993, the Maryland Vehicle Administration required half of car owners to register biennially and the other half to register for one year (and then register the next year biennially). This provided revenue for three years worth of registrations (one half paid for two years and the other half paid for one year).

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From fiscal 1994 through 1998, revenues stayed close to expenditures and were lower than expenditures in fiscal 1994 and 1996. From fiscal 1999 through 2001, expenditures were higher than revenues. The gap between expenditures and revenues increased during each of these years. By fiscal 2001, expenditures were \$9.5 million higher than revenues. Money provided to the Amoss Fund increased from \$5.0 million per year to \$7.5 million in fiscal 1999 and then from \$7.5 million to \$10.0 million in fiscal 2000. Fiscal 2001 saw the addition of \$500,000 for LIRLA and \$3.5 million for Shock Trauma Center facility and equipment renewal. In fiscal 2002, revenues exceeded expenditures with the \$3 increase from \$8 to \$11 in motor vehicle registration fees. Revenues jumped from \$35.2 million in fiscal 2001 to \$48.0 million in fiscal 2002.

Revenues and expenditures fluctuated from fiscal 2003 through 2007. Revenues exceed expenditures in three of the five years. In fiscal 2004, expenditures exceeded revenues, due largely to a one-time transfer of \$5 million to VCAF. This amount is being paid back at \$1 million per year from fiscal 2005 to 2009. In the most recent year, expenditures have again surpassed revenues. This may be indicative of future results.

Exhibit 2 illustrates that, over time, growth in expenditures will outpace growth in revenues. From fiscal 1993 to 2007, revenues grew by 1.4%. During the same period, expenditures grew by 4.9%. **Appendix 2** provides detail on revenues and expenditures from fiscal 1993 to 2006.

Exhibit 3 shows MEMSOF expenditures from fiscal 2007 to 2009. The fiscal 2009 allowance for all MEMSOF expenditures increases by \$2.0 million from the fiscal 2008 working appropriation. This increase is mainly due to rising personnel expenditures for the MSP, Aviation Division, and due to new initiatives within MIEMSS.

Exhibit 3
MEMSOF Expenditures
Fiscal 2007-2009
(\$ in Thousands)

	<u>2007</u> <u>Actual</u>	<u>2008</u> <u>Approp.</u>	<u>2009</u> <u>Allowance</u>	<u>2008-09</u> <u>Change</u>	<u>2008-09</u> <u>% Change</u>
MD Fire and Rescue Institute (MFRI) R75T00.01	\$6,437	\$6,803	\$6,881	\$78	1.1%
MD Inst. of Emer. Med. Serv. Sys. (MIEMSS) D53T00.01	11,346	10,936	11,569	633	5.8%
Shock Trauma Center (UMMS) R55Q00.01	3,200	3,264	3,361	97	3.0%
Shock Trauma Center Capital Equipment (UMMS) R55Q00.01	3,500	3,500	3,500	0	0.0%
Maryland Emergency Management Agency (MEMA) – Grants to Local Fire, Rescue, and Ambulance (Amoss Fund) D50H01.06	10,000	10,000	10,000	0	0.0%
MD State Police, Aviation Division W00A01.02	19,632	17,999	18,627	628	3.5%
MEMA – Volunteer Company Assistance Fund D50H01.06	1,400	1,400	1,400	0	0%
Statewide Expenses – COLA and Salary Adjustment	0	0	571	571	n/a
Total	\$55,515	\$53,902	\$55,909	\$2,007	3.7%

COLA: Cost-of-living Adjustment

MEMSOF: Maryland Emergency Medical System Operations Fund

UMMS: University of Maryland Medical System

Source: Governor’s Budget Books, Fiscal 2009

Issues

1. MEMSOF Forecast

Appendix 1 provides a MEMSOF forecast from fiscal 2007 through 2020. The forecast rests on the following Department of Legislative Services (DLS) assumptions:

- **MFRI:** For all but one year of MEMSOF's history, MFRI has received an annual inflationary increase of anywhere from 3.1% to 13.8%. The attached forecast assumes a 5.1% annual increase through fiscal 2020.
- **MIEMSS:** The attached forecast assumes a 2.8% annual rate of inflation through fiscal 2020 reflecting a 10-year average growth rate.
- **Aid to UMMS:** Aid to UMMS contains two components: (1) Shock Trauma operating subsidy; and (2) short-term assistance for the replacement and modernization of aging medical equipment, technologies, and infrastructure at Shock Trauma.

The Shock Trauma Center operating subsidy was level funded for much of fiscal 1993 through 1998. Beginning in fiscal 1999 and continuing through fiscal 2004, Shock Trauma began to receive a 2.0% to 4.0% annual inflationary increase. There is no inflationary increase for fiscal 2005. Based on a 10-year average, the attached forecast assumes a 0.9% annual inflationary increase for the Shock Trauma subsidy through fiscal 2020.

Beginning in fiscal 2001, Shock Trauma began to receive \$3.5 million per year for the replacement and modernization of aging medical equipment. The Administration plans for the \$3.5 million appropriation to continue through fiscal 2011. **DLS recommends that this be deleted from the operating budget and instead be funded through the general obligation bond capital program. The attached forecast assumes the end of this appropriation after fiscal 2008.**

- **Amoss Fund:** From fiscal 1993 through 1999, the Amoss Fund received \$5.0 million per year. The amount was increased to \$7.5 million in fiscal 1999 and then \$10.0 million in fiscal 2000. These increases were non-statutory budget enhancements. There were discussions during the 1990s of providing a 3% annual adjustment, but this has never occurred. The amount has remained at \$10.0 million per year since fiscal 2000. The attached forecast assumes level funding of \$10.0 million per year through fiscal 2020.

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- **Maryland State Police, Aviation Division:** MSP switched from a 70/30 to an 80/20 special fund/general fund split in fiscal 2003. The split has remained at 80/20 through the fiscal 2009 allowance. The attached forecast assumes a continuation of this split and a 4.3% annual rate of inflation through fiscal 2020.

Statute requires that MEMSOF support the medically oriented functions of the Aviation Division. The fund is not required to support the other missions of the division which previously included law enforcement; search and rescue; and homeland security. In recent years, the proportion of medically oriented functions had fallen relative to the other functions. In fiscal 2006, 72.9% of the fleet's flight time resulted from Medevac operations. However, in fiscal 2007, the division changed its interpretation of medically oriented functions to include search and rescue missions. Based on this revision, medically oriented functions reached 77.1% in fiscal 2006 and 85.6% in fiscal 2007.

The forecast does not take into account any impact of a new helicopter fleet. Funding, separate from MEMSOF, is provided in the PAYGO capital program to begin the process of procuring 12 new replacement helicopters. It is expected that maintenance costs will decline as new and more reliable helicopters replace the aging fleet. However, it is also expected that insurance costs for the new fleet will increase. It cannot be reliably estimated at this time how these offsetting expenditures will impact funding from the EMS fund to the Aviation Division.

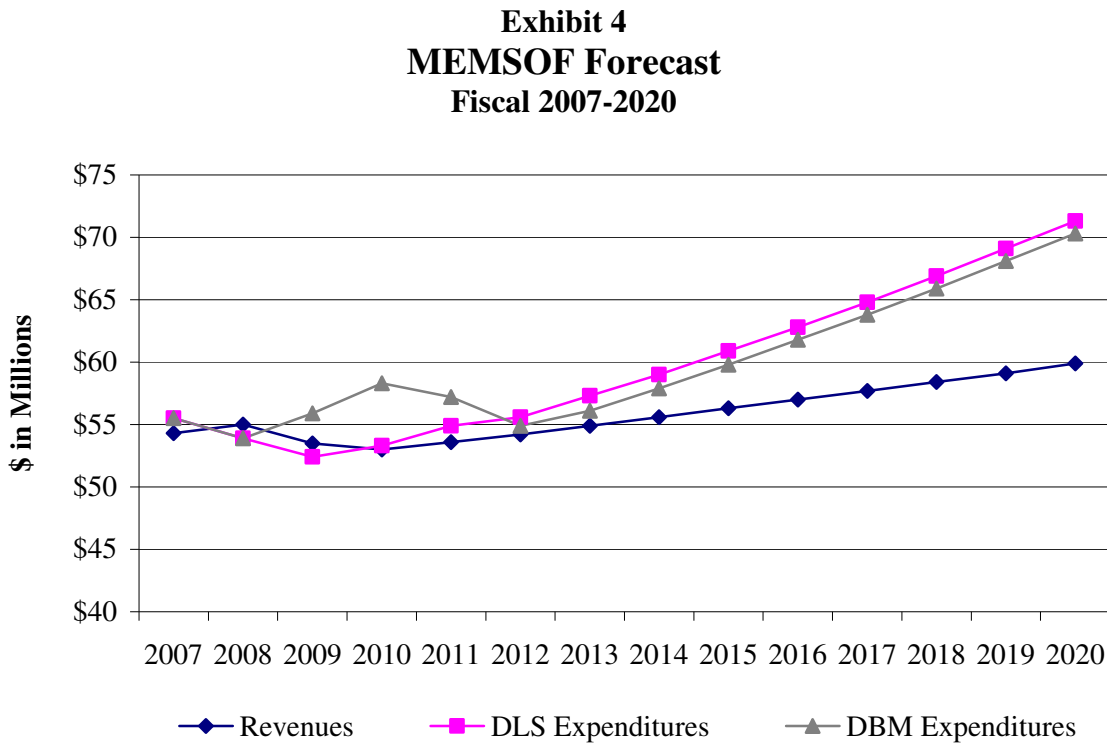
- **VCAF:** Beginning in fiscal 2001, through the Board of Public Works, the loan component of VCAF received \$500,000 for volunteer fire, rescue, and ambulance companies. The amount was increased to \$1.0 million in fiscal 2002 and continued through the fiscal 2009 allowance. Chapter 136 of 2005 stipulates that the State will continue providing funds until the State has contributed \$20.0 million to the fund. Chapter 416 of 2006 established an additional revenue source for VCAF. The legislation requires half of the revenue generated from a traffic citation surcharge be credited to the fund. The other half is credited to a new State Police Helicopter Replacement Fund. In fiscal 2007, the District Court collected \$500,000 in revenue for both of these purposes. Fiscal estimates predict about \$1.5 million annually in future years for these purposes. This revenue enhancement will significantly shorten the time it will take to reach the \$20 million cap. As such, this forecast assumes that the \$1.0 million contribution to VCAF will discontinue after fiscal 2011.

\$5,000,000 was transferred in fiscal 2004 from MEMSOF to the loan fund to be repaid from fiscal 2005 through 2009. No repayments are included in the forecast after fiscal 2009. The forecast also assumes the long-term continuation of \$400,000 annually to VCAF for its grant component.

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The DLS forecast shows that from fiscal 2008 through 2020, revenues will grow by 1.11%. During the same period, expenditures will grow by 2.18%. Over time, growth in expenditures will outpace growth in revenues. Based on current assumptions, MEMSOF is viable until fiscal 2014. This forecast is heavily reliant on the transfer of the Shock Trauma capital funding to general obligation bonds for fiscal 2009, 2010, and 2011. The State’s capital program includes \$20.0 million in general obligation bonds for an \$83.0 million project at Shock Trauma that will expand patient care facilities, modernize operating rooms, improve emergency preparedness, and address deficiencies with the electrical and mechanical systems. If the State’s GO share of this project was increased by \$10.5 million, MEMSOF funds for Shock Trauma could be eliminated, thereby prolonging the viability of the fund.

Exhibit 4 shows the divergence between long-term revenue and expenditures.



DBM: Department of Budget and Management
DLS: Department of Legislative Services
MEMSOF: Maryland Emergency Medical System Operations Fund

Source: Department of Legislative Services

MEMSOF – Fiscal 2009 Budget Overview

On the revenue side, the motor vehicle registration fee revenues are not sensitive to inflation. This will require periodic revenue enhancements and/or alternative revenue sources to keep MEMSOF viable. For example, to serve as a one-time enhancement, a balance from the Maryland Trauma Physicians Fund could be transferred to the fund. That fund is similarly financed with a \$5 biennial surcharge on all Maryland vehicle registrations. It subsidizes physicians and hospitals that provide trauma care. The fund reimburses trauma physicians for uncompensated care losses, emergency on-call services, and undercompensated care. However, since its inception in fiscal 2004, the Trauma Fund has collected substantially more in revenues than it has disbursed. At the end of fiscal 2007, the fund balance was approximately \$20.8 million. For a longer term solution, the trauma fund expenditures and revenues could be transferred completely to MEMSOF. The surcharge could be directly deposited with MEMSOF and expenditures could be paid directly from MEMSOF. This solution would require a statutory change.

It is clear that in order for the fund to continue to provide monies that support the priorities of statewide emergency medical services, a revenue enhancement is necessary. The General Assembly should consider legislation that will either increase the current source of revenue or for a longer term solution, divert an inflation sensitive revenue source to the fund. In the alternative, current uses of the fund will have to be curtailed. Further, DLS recommends that \$3.5 million in MEMSOF special funds included in the allowance for Aid to University of Maryland Medical System for Shock Trauma Center capital needs be deleted. Instead, GO bond funding should be increased for the current Shock Trauma capital project included in the *Capital Improvement Program*. Additionally, this action is also recommended for fiscal 2010 and 2011.

Recommended Action

1. Add the following section:

SECTION XX. AND BE IT FURTHER ENACTED, That \$3,500,000 in special funds is deleted from R55Q00 – Aid to University of Maryland Medical Systems for the purposes of the R Adams Cowley Shock Trauma Center Capital Equipment grant.

Explanation: In order to prolong the viability of the Maryland Emergency Medical Operations Fund, funding for Shock Trauma capital needs for fiscal 2009, 2010, and 2011 should be deleted. Instead, general obligation bond funding should be increased for the current Shock Trauma capital project included in the *Capital Improvement Program*.

**MEMSOF Forecast – Department of Legislative Services
Fiscal 2007-2013**

<u>Agency Name</u>	<u>FY 2007 Actual</u>	<u>FY 2008 Approp.</u>	<u>FY 2009 Allowance</u>	<u>FY 2010 Estimate</u>	<u>FY 2011 Estimate</u>	<u>FY 2012 Estimate</u>	<u>FY 2013 Estimate</u>
Beginning Balance (7/1)	\$8,273,230	\$7,079,863	\$8,163,572	\$9,304,722	\$9,094,436	\$7,954,503	\$6,816,576
MVA Registration Fees – EMS Ops Fund	50,973,421	52,500,000	52,250,000	52,903,125	53,564,414	54,233,969	54,911,894
Interest Income	365,657	318,676	293,623	236,120	218,792	189,560	146,611
GF Loan Repayment and Other	2,982,892	2,167,782	1,006,500	0	0	0	0
Current Year Revenues	\$54,321,970	\$54,986,458	\$53,550,123	\$53,139,245	\$53,783,206	\$54,423,529	\$55,058,505
Total Available Revenues	\$62,595,200	\$62,066,321	\$61,713,695	\$62,443,967	\$62,877,642	\$62,378,032	\$61,875,081
MD Fire and Rescue Institute (UMCP)	6,437,055	6,803,113	6,880,950	7,229,541	7,595,792	7,980,597	8,384,897
MD Inst. of Emer. Med. Serv. Sys.	11,346,251	10,936,277	11,569,030	11,897,286	12,234,856	12,582,005	12,939,003
Shock Trauma Center (UMMS)	3,200,000	3,264,000	3,361,387	3,390,886	3,420,643	3,450,662	3,480,944
STC Replaced Equipment (UMMS)	3,500,000	3,500,000	0	0	0	0	0
Grants to Local Fire, Resc. and Amb.	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
MD State Police – Aviation Div.	19,632,031	17,999,359	18,626,596	19,431,817	20,271,848	21,148,192	22,062,421
Volunteer Company Assistance Fund	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	400,000	400,000
Statewide COLA and Other Salary Adjustments			571,010				
Current Year Expenditures	\$55,515,337	\$53,902,749	\$52,408,973	\$53,349,530	\$54,923,139	\$55,561,456	\$57,267,265
Ending Balance (6/30)	\$7,079,863	\$8,163,572	\$9,304,722	\$9,094,436	\$7,954,503	\$6,816,576	\$4,607,816

**MEMSOF Forecast – Department of Legislative Services
Fiscal 2014-2020**

<u>Agency Name</u>	<u>FY 2014 Estimate</u>	<u>FY 2015 Estimate</u>	<u>FY 2016 Estimate</u>	<u>FY 2017 Estimate</u>	<u>FY 2018 Estimate</u>	<u>FY 2019 Estimate</u>	<u>FY 2020 Estimate</u>
Beginning Balance (7/1)	\$4,607,816	\$1,237,653	-\$3,362,190	-\$9,184,615	-\$16,300,741	-\$24,785,038	-\$34,715,476
MVA Registration Fees – EMS Ops Fund	55,598,293	56,293,271	56,996,937	57,709,399	58,430,766	59,161,151	59,900,665
Interest Income	75,016	0	0	0	0	0	0
GF Loan Repayment and Other	0	0	0	0	0	0	0
Current Year Revenues	\$55,673,308	\$56,293,271	\$56,996,937	\$57,709,399	\$58,430,766	\$59,161,151	\$59,900,665
Total Available Revenues	\$60,281,125	\$57,530,924	\$53,634,747	\$48,524,784	\$42,130,025	\$34,376,112	\$25,185,189
MD Fire and Rescue Institute (UMCP)	8,809,678	9,255,979	9,724,890	10,217,556	10,735,180	11,279,028	11,850,427
MD Inst. of Emer. Med. Serv. Sys.	13,306,130	13,683,674	14,071,931	14,471,204	14,881,805	15,304,057	15,738,290
Shock Trauma Center (UMMS)	3,511,492	3,542,309	3,573,395	3,604,754	3,636,389	3,668,301	3,700,493
STC Replaced Equipment (UMMS)	0	0	0	0	0	0	0
Grants to Local Fire, Resc. and Amb.	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
MD State Police – Aviation Div.	23,016,172	24,011,152	25,049,146	26,132,012	27,261,689	28,440,202	29,669,662
Volunteer Company Assistance Fund	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Statewide COLA and Other Salary Adjustments							
Current Year Expenditures	\$59,043,472	\$60,893,114	\$62,819,362	\$64,825,525	\$66,915,063	\$69,091,588	\$71,358,872
Ending Balance (6/30)	\$1,237,653	-\$3,362,190	-\$9,184,615	-\$16,300,741	-\$24,785,038	-\$34,715,476	-\$46,173,682

MEMSOF History
Fiscal 1993-1999

<u>Agency Name</u>	<u>FY 1993</u> <u>Actual</u>	<u>FY 1994</u> <u>Actual</u>	<u>FY 1995</u> <u>Actual</u>	<u>FY 1996</u> <u>Actual</u>	<u>FY 1997</u> <u>Actual</u>	<u>FY 1998</u> <u>Actual</u>	<u>FY 1999</u> <u>Actual</u>
Beginning Balance (7/1)	\$2,710,000	\$16,288,582	\$12,800,866	\$14,257,831	\$12,983,584	\$14,867,223	\$16,028,484
MVA Registration Fees-EMS Ops Fund	41,772,094	28,549,707	31,404,789	29,426,000	31,946,633	31,246,058	34,240,399
Interest Income	0	0	705,100	817,582	506,626	661,778	608,995
GF Loan Repayment & Other	0	0	0	0	0	0	4,075,000
Current Year Revenues	\$41,772,094	\$28,549,707	\$32,109,889	\$30,243,582	\$32,453,259	\$31,907,836	\$38,924,394
Total Available Revenues	\$44,482,094	\$44,838,289	\$44,910,755	\$44,501,413	\$45,436,843	\$46,775,059	\$54,952,878
MD Fire & Rescue Institute (UMCP)	3,036,719	3,036,719	3,406,145	3,706,145	3,822,105	3,990,605	4,360,605
MD Inst. of Emer. Med. Serv. Sys.	7,000,000	7,000,000	7,311,459	7,519,955	7,324,181	7,709,291	8,501,799
Shock Trauma Center (UMMS)	2,900,000	2,350,000	2,900,000	2,900,000	2,900,000	2,900,000	3,017,160
STC Replaced Equipment (UMMS)						0	0
Grants to Local Fire, Resc. and Amb.	4,950,000	4,950,000	4,950,000	5,095,000	5,095,000	5,245,000	7,500,000
MD State Police- Aviation Div.	10,306,793	14,700,704	12,085,320	12,296,729	11,428,334	10,901,679	12,298,093
Volunteer Company Assistance Fund	0	0	0	0	0	0	3,953,110
Current Year Expenditures	\$28,193,512	\$32,037,423	\$30,652,924	\$31,517,829	\$30,569,620	\$30,746,575	\$39,630,767
Ending Balance (6/30)	\$16,288,582	\$12,800,866	\$14,257,831	\$12,983,584	\$14,867,223	\$16,028,484	\$15,322,111

**MEMSOF History
Fiscal 2000-2006**

<u>Agency Name</u>	<u>FY 2000 Actual</u>	<u>FY 2001 Actual</u>	<u>FY 2002 Actual</u>	<u>FY 2003 Actual</u>	<u>FY 2004 Actual</u>	<u>FY 2005 Actual</u>	<u>FY 2006 Actual</u>
Beginning Balance (7/1)	\$15,322,111	\$10,011,093	\$2,442,192	\$5,177,485	\$7,464,772	\$4,769,222	\$5,244,770
MVA Registration Fees-EMS Ops Fund	33,202,712	35,235,336	48,030,516	50,440,822	50,030,199	50,009,403	51,394,270
Interest Income	539,785	238,496	138,770	145,005	94,562	137,781	237,551
GF Loan Repayment and Other	853,224	1,976,566	532,156	68,377	754,933	1,000,000	1,292,904
Current Year Revenues	\$34,595,721	\$37,450,398	\$48,701,442	\$50,654,204	\$50,879,694	\$51,147,184	\$52,924,725
Total Available Revenues	\$49,917,832	\$47,461,491	\$51,143,634	\$55,831,689	\$58,344,466	\$55,916,406	\$58,169,495
MD Fire & Rescue Institute (UMCP)	4,640,000	4,880,000	5,515,000	6,278,500	5,862,680	6,010,967	6,108,283
MD Inst. of Emer. Med. Serv. Sys.	8,603,900	9,058,000	9,579,000	9,691,863	10,145,637	10,399,966	10,391,610
Shock Trauma Center (UMMS)	3,107,675	3,200,905	3,264,923	3,362,871	3,463,757	3,463,757	3,117,381
STC Replaced Equipment (UMMS)	0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	1,500,000
Grants to Local Fire, Resc. & Amb.	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
MD State Police- Aviation Div.	13,555,164	13,880,394	13,107,226	14,533,683	14,199,426	15,893,202	16,768,251
Volunteer Company Assistance Fund	0	500,000	1,000,000	1,000,000	6,403,744	1,403,744	1,403,744
Current Year Expenditures	\$39,906,739	\$45,019,299	\$45,966,149	\$48,366,917	\$53,575,244	\$50,671,636	\$49,289,269
Ending Balance (6/30)	\$10,011,093	\$2,442,192	\$5,177,485	\$7,464,772	\$4,769,222	\$5,244,770	\$8,880,226