CRITICAL LINK

Joshua M. Sharfstein, M.D.
Secretary

A Publication of the Maryland Department of Health and Mental Hygiene

The Laboratories Administration—Maryland's State Public Health Laboratory

Harold Rogers Prescription Drug Monitoring Program East Regional Meeting held in Baltimore

Meeting followed by Passing of Maryland Senate Bill 883/ House Bill 1229

On April 5-6, 2011, The Harold Rogers Prescription Drug Monitoring Program East Regional Meeting was held in Baltimore, Maryland following the suggestion of Ms. Georgette Zoltani, Chief of the Laboratories Administration's Division of Drug Control. (For more information on Prescription Drug Monitoring Programs (PDMPs) see the article on PDMPs in the December 2008 issue of the Critical Link: http://www.dhmh.state.md.us/labs/pdf/critlink/dec08critlink.pdf)

The Beginning of a Program

Harold (Hal) Rogers is a Republican Congressman representing Kentucky's Fifth Congressional District. He was alarmed to see prescription drugs tearing apart families, ruining lives, and stretching the resources of law enforcement and social service agencies to the limit. The National Institutes of Health (NIH) has estimated that 48 million people (ages 12 and older) have used prescription drugs for nonmedical reasons within their lifetime. This comprises approximately 20% of the U.S. population.

In 2001, Senator Rogers created a national program that helps states track and combat prescription drug abuse. This program is an important tool to provide patient-related information to health care professionals. To date, Congress has appropriated $48 million for the Harold Rogers Prescription Drug Monitoring Program (HRPDMP). The HRPDMP is administered by the U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Assistance, to provide three types of grants: planning, implementation, and enhancement.

The program's purpose is to support states' efforts to collect and analyze dispensing pharmaceutical controlled substances data. PDMPs enhance the capacity of regulatory and law enforcement agencies and public health officials to detect and prevent the diversion and abuse of pharmaceutical controlled substances, while allowing for legitimate medical use.[1] With appropriate authorization, prescribers and pharmacists can access

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Harold Rogers Prescription Drug Monitoring Program East Regional Meeting held in Baltimore

the PMP to see a patient's recent prescribing history, including medication name, quantity prescribed, source of payment, prescriber, and pharmacy.

The April 2011 Conference

The Harold Rogers Prescription Drug Monitoring Program East Regional Meeting was convened by Brandeis University/Alliance of States with Prescription Monitoring Programs (ASPMP) in partnership with the Bureau of Justice Assistance. The conference was a success with 36 people in attendance, including 12 from Maryland. There were 12 states represented. Chris Baumgartner, the Program Coordinator, thanked Ms. Zoltani for the excellent accommodations at the Marriott Inner Harbor Hotel, and for all her assistance including the number of Maryland participants, most of whom were members of the Maryland Advisory Council on Prescription Drug Monitoring. Mr. Baumgartner said this year's meeting in Baltimore was the best attended regional meeting.

This two-day conference gave program directors of states in the region that have operating PDMPs an opportunity to give presentations on their accomplishments and share their experiences. As of May, 2011, 35 states have operational PDMPs that have the capacity to receive and distribute controlled substance prescription information to authorized users. States with operational programs include:

- Alabama
- Arizona
- California
- Colorado
- Connecticut
- Hawaii
- Idaho
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Nevada
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma
- Pennsylvania
- Rhode Island
- South Carolina
- Tennessee
- Texas
- Utah
- Vermont
- Virginia
- West Virginia
- Wyoming.[2]

At this time, thirteen states have enacted legislation to establish a PDMP, but are not fully operational:

- Alaska
- Arkansas
- Delaware
- Florida
- Georgia
- Maryland
- Montana

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Harold Rogers Prescription Drug Monitoring Program East Regional Meeting held in Baltimore

- Nebraska
- New Jersey
- Oregon
- South Dakota
- Washington
- Wisconsin
- U.S. territory Guam
- District of Columbia.[2]

The Maryland Legislature moves forward

In November 2008, the first meeting of the Advisory Council on Prescription Drug Monitoring took place to study the establishment of a PDMP. Now Maryland Senate Bill SB 883/ Cross File Maryland House Bill HB 1229 seeks to establish a PDMP in the Department of Health and Mental Hygiene (DHMH) and to monitor the prescribing and dispensing of Schedule II through V controlled dangerous substances. The mission of the program is to (1) assist prescribers, dispensers, and public health professionals in the identification and prevention of prescription drug abuse and the identification and investigation of unlawful prescription drug diversion; and (2) promote a balanced use of prescription drug monitoring data.[3] The bill was passed and signed into law by Governor Martin J. O'Malley on May 10, 2011.

This article was written by Georgia Corso.

References

[1] http://www.pmpalliance.org/pdf/PPTs/East2011/BJARegionalUpdate2011.pdf

[2] http://www.deadiversion.usdoj.gov/faq/rx_monitor.htm#4

[3] http://mlis.state.md.us/2011rs/fnotes/bil_0003/sb0883.pdf

The services and facilities of the Maryland Department of Health and Mental Hygiene (DHMH) are operated on a non-discriminatory basis. This policy prohibits discrimination on the basis of age; ancestry; color; creed; marital status; mental or physical disability; national origin; race; religious affiliation, belief, or opinion; sex; or sexual orientation and plies to the provisions of employment and granting of advantages, privileges and accommodations.

The Department, in compliance with the Americans with Disabilities Act, ensures that qualified individuals with disabilities are given an opportunity to participate in and benefit from DHMH services, programs, benefits, and employment opportunities.

Laboratory Statistics

Reported by the
Laboratories Administration
covering results from the month of

MAY 2011

ENTERIC BACTERIOLOGY

GENUS SEROVAR SEX	AGE	#	JURISDICTION
CAMPYLOBACTER			
F	12	1	BALTIMORE
F	1	1	OUT OF STATE
M	65	1	OUT OF STATE
M	61	1	OUT OF STATE
M	42	1	OUT OF STATE
M	40	1	OUT OF STATE
CAMPYLOBACTER COLI			
M	63	1	CHARLES
CAMPYLOBACTER JEJUNI			
F	67	1	BALTIMORE
M	20	1	BALTIMORE
F	82	1	BALTIMORE CITY
F	104	1	OUT OF STATE
F	45	1	OUT OF STATE
M	50	1	OUT OF STATE
M	43	1	OUT OF STATE
M	21	2	WICOMICO
CAMPYLOBACTER LARI			
M	28	1	BALTIMORE CITY
ESCHERICHIA COLI, SEROTYPE O157:H7			
M	35	1	BALTIMORE CITY
ESCHERICHIA COLI, SEROTYPE O157: NON-MOTILE			
M	32	1	WASHINGTON
SALMONELLA			
F	90	1	FREDERICK
M	49	2	MONTGOMERY
F	54	1	OUT OF STATE
F	0	1	OUT OF STATE
M	0	2	OUT OF STATE
SALMONELLA SER. 4,12:I:-			
M	12	1	TALBOT

SALMONELLA SER. 4,5,12:I:-

M	12	1	ANNE ARUNDEL
M	2	1	BALTIMORE CITY
M	0	1	BALTIMORE CITY
F	0	1	FREDERICK

SALMONELLA SER. BOVISMORBIFICANS

M	43	1	BALTIMORE CITY

SALMONELLA SER. ENTERITIDIS

M	17	1	ALLEGANY
F	36	1	BALTIMORE
F	17	2	BALTIMORE
M	72	1	BALTIMORE
M	71	1	BALTIMORE
M	7	2	BALTIMORE
M	3	6	BALTIMORE
F	0	2	BALTIMORE CITY
F	2	1	BALTIMORE CITY
M	50	1	BALTIMORE CITY
M	46	1	BALTIMORE CITY
M	30	1	BALTIMORE CITY
M	25	1	BALTIMORE CITY
M	40	1	FREDERICK
U	12	1	MONTGOMERY
F	1	1	OUT OF STATE
M	54	1	OUT OF STATE
M	23	1	OUT OF STATE
M	3	1	OUT OF STATE
M	2	1	OUT OF STATE

SALMONELLA SER. HADAR

U	0	1	BALTIMORE CITY

SALMONELLA SER. JAVIANA

F	3	3	BALTIMORE

SALMONELLA SER. MONTEVIDEO

U	53	1	CECIL

SALMONELLA SER. MUENCHEN

F	0	1	OUT OF STATE

SALMONELLA SER. PARATYPHI B

M	36	2	ANNE ARUNDEL
F	38	1	BALTIMORE CITY
F	38	1	OUT OF STATE

SALMONELLA SER. THOMPSON

F	31	1	BALTIMORE CITY

SALMONELLA SER. TYPHI

F	33	1	OUT OF STATE
U	1	1	UNKNOWN

SALMONELLA SER. TYPHIMURIUM

F	18	1	ANNE ARUNDEL

SHIGELLA FLEXNERI II:3,4

U	2	1	BALTIMORE CITY
M	1	1	MONTGOMERY

SHIGELLA SONNEI

M	19	1	BALTIMORE CITY
F	4	1	CHARLES

TOTAL 78

ISOLATES - MISCELLANEOUS

GENUS SPECIES SOURCE	#	JURISDICTION
ACINETOBACTER CALCOACETICUS-ACINETOBACTER BAUMANNI COMPLEX		
SPUTUM	2	WASHINGTON
ACINETOBACTER LWOFFI		
BLOOD	1	BALTIMORE CITY
CLOSTRIDIUM BIFERMENTANS		
BLOOD	1	BALTIMORE CITY
DIPHTHEROIDS		
BLOOD	1	BALTIMORE CITY
ENTEROBACTER AEROGENES		
WOUND	1	PRINCE GEORGE'S
ENTEROBACTER SPECIES		
BLOOD	1	BALTIMORE CITY
ENTEROCOCCUS AVIUM		
BLOOD	1	BALTIMORE CITY
ENTEROCOCCUS FAECIUM		
BLOOD	1	BALTIMORE CITY
ESCHERICHIA COLI		
BLOOD	1	BALTIMORE CITY
CSF	1	BALTIMORE CITY
VAGINAL	1	MONTGOMERY
GARDNERELLA VAGINALIS		
VAGINAL	2	PRINCE GEORGE'S
KLEBSIELLA PNEUMONIAE		
BLOOD	4	BALTIMORE CITY
WOUND	1	MONTGOMERY
PSEUDOMONAS AERUGINOSA		
SPUTUM	2	WASHINGTON
STAPHYLOCOCCUS AUREUS		
WOUND	2	ALLEGANY
WOUND	1	BALTIMORE
LUNG TISSUE	1	BALTIMORE CITY
WOUND	1	BALTIMORE CITY
NASAL	1	CARROLL
WOUND	1	MONTGOMERY
STAPHYLOCOCCUS, COAGULASE NEGATIVE		
WOUND	1	ALLEGANY
BLOOD	4	BALTIMORE CITY
WOUND	1	BALTIMORE CITY
FACIAL	1	CARROLL
WOUND	1	MONTGOMERY
WOUND	1	PRINCE GEORGE'S
STREPTOCOCCUS, BETA HEMOLYTIC		
BLOOD	2	BALTIMORE CITY
THROAT	2	MONTGOMERY
STREPTOCOCCUS, BETA HEMOLYTIC GROUP A		
THROAT	2	ALLEGANY
CSF	1	BALTIMORE CITY
STREPTOCOCCUS, BETA HEMOLYTIC NON-GROUP A		
THROAT	2	ALLEGANY
STREPTOCOCCUS, BETA HEMOLYTIC GROUP B		
VAGINAL	2	ANNE ARUNDEL
WOUND	1	BALTIMORE CITY
WOUND	1	MONTGOMERY
VAGINAL	2	PRINCE GEORGE'S
VAGINAL	6	PRINCE GEORGE'S
STREPTOCOCCUS PNEUMONIAE		
CSF	2	BALTIMORE CITY

TOTAL 58

SEXUALLY TRANSMITTED DISEASES

GENUS SPECIES SEX	#	JURISDICTION
SYPHILIS SEROLOGY		
M	2	ANNE ARUNDEL
F	4	BALTIMORE
M	7	BALTIMORE
F	11	BALTIMORE CITY
M	20	BALTIMORE CITY
U	1	BALTIMORE CITY
F	1	CALVERT
M	2	CARROLL
M	1	FREDERICK
F	3	MONTGOMERY
M	7	MONTGOMERY
F	13	PRINCE GEORGE'S
M	24	PRINCE GEORGE'S
U	2	PRINCE GEORGE'S
M	1	SAINT MARY'S
M	1	SOMERSET
M	1	WICOMICO

TOTAL 101

CHLAMYDIA TRACHOMATIS

F	3	ALLEGANY
M	2	ALLEGANY
F	20	ANNE ARUNDEL
M	5	ANNE ARUNDEL
U	1	ANNE ARUNDEL
F	26	BALTIMORE
M	15	BALTIMORE
U	1	BALTIMORE
F	18	BALTIMORE CITY
M	12	BALTIMORE CITY
U	1	BALTIMORE CITY
F	2	CALVERT
M	4	CALVERT
F	1	CAROLINE
M	2	CAROLINE
F	4	CARROLL
F	1	CECIL
M	1	CECIL
F	12	CHARLES
M	9	CHARLES
M	1	DORCHESTER
F	4	FREDERICK
M	2	FREDERICK
F	3	GARRETT
M	2	GARRETT
F	6	HARFORD
M	5	HARFORD
F	9	HOWARD
M	6	HOWARD
F	1	KENT
M	1	KENT
F	12	MONTGOMERY
M	5	MONTGOMERY
U	1	MONTGOMERY
F	54	PRINCE GEORGE'S
M	48	PRINCE GEORGE'S
F	1	QUEEN ANNE'S
M	1	QUEEN ANNE'S
F	3	SAINT MARY'S
M	5	SAINT MARY'S
F	3	SOMERSET
M	3	SOMERSET
F	2	TALBOT
M	1	TALBOT
F	7	WASHINGTON
M	3	WASHINGTON
F	23	WICOMICO
M	7	WICOMICO
F	4	WORCESTER
M	5	WORCESTER

TOTAL 368

NEISSERIA GONORRHOEAE

SEX	AGE	#	JURISDICTION
F		1	DORCHESTER
F		1	MONTGOMERY
M		2	MONTGOMERY
F		8	PRINCE GEORGE'S
M		15	PRINCE GEORGE'S
F		1	WICOMICO

TOTAL 28

MYCOBACTERIOLOGY

ISOLATE

SEX	AGE	#	JURISDICTION
MYCOBACTERIUM AVIUM COMPLEX			
M	29	1	ANNE ARUNDEL
F	47	1	BALTIMORE
F	55	1	BALTIMORE
F	72	1	BALTIMORE
M	92	1	BALTIMORE
F	62	1	BALTIMORE CITY
M	43	1	CALVERT
F	51	2	HARFORD
M	50	1	PRINCE GEORGE'S
F	79	1	WASHINGTON
MYCOBACTERIUM CHELONAE			
M	55	1	ANNE ARUNDEL
MYCOBACTERIUM FORTUITUM COMPLEX			
M	85	1	BALTIMORE
F	89	2	MONTGOMERY
M	56	1	MONTGOMERY
M	58	1	OUT OF STATE
F	49	1	PRINCE GEORGE'S
MYCOBACTERIUM GORDONAE			
F	58	1	BALTIMORE
F	77	1	FREDERICK
F	58	1	HARFORD
M	61	1	MONTGOMERY
M	35	1	PRINCE GEORGE'S
M	44	1	PRINCE GEORGE'S
M	80	1	PRINCE GEORGE'S
M	68	1	WICOMICO
MYCOBACTERIUM KANSASII			
F	51	1	BALTIMORE
M	50	1	BALTIMORE
MYCOBACTERIUM MARINUM			
M	67	1	ANNE ARUNDEL
F	41	2	CALVERT
MYCOBACTERIUM SCROFULACEUM			
F	61	1	MONTGOMERY
MYCOBACTERIUM TUBERCULOSIS			
M	78	1	ANNE ARUNDEL
M	86	1	BALTIMORE
F	29	1	BALTIMORE CITY
M	26	1	BALTIMORE CITY
M	34	1	BALTIMORE CITY
M	37	1	BALTIMORE CITY
F	36	1	MONTGOMERY
F	80	1	OUT OF STATE
M	36	1	OUT OF STATE
M	60	1	OUT OF STATE
M	18	1	PRINCE GEORGE'S
MYCOBACTERIUM TUBERCULOSIS COMPLEX			
F	37	2	ANNE ARUNDEL
F	66	4	BALTIMORE
M	68	2	BALTIMORE
M	34	3	BALTIMORE CITY
M	39	6	BALTIMORE CITY
M	35	1	CALVERT
M	39	3	HOWARD
M	32	3	MONTGOMERY
M	45	2	MONTGOMERY
M	46	1	MONTGOMERY
M	60	1	OUT OF STATE
M	34	4	PRINCE GEORGE'S
M	62	1	PRINCE GEORGE'S
NON-PHOTOCHROMOGENIC MYCOBACTERIA			
F	51	1	SAINT MARY'S
SCOTOCHROMOGENIC MYCOBACTERIA			
M	63	1	BALTIMORE CITY
M	55	1	OUT OF STATE

TOTAL 79

MYCOBACTERIUM SUSCEPTIBILITY RESULTS

12 ISOLATES IDENTIFIED

2 DRUG RESISTANT STRAINS FOUND

#	JURISDICTION	DRUG(S)
1	BALTIMORE CITY	ISONIAZID
1	MONTGOMERY	ISONIAZID

[A] TWO ISOLATES FROM THE SAME PATIENT
[B] PROBABLE FOR M. BOVIS
[C] MEETS CASE DEFINITION OF MULTI-DRUG TUBERCULOSIS (MDRTB)

Mycobacterium tuberculosis complex consists of:

M. tuberculosis	*M. africanum*
M. bovis	*M. microti*
M. bovis, BCG	*M. canettii*

PARASITOLOGY

GENUS/SPECIES	#	JURISDICTION
BLASTOCYSTIS HOMINIS	3	FREDERICK
CLONORCHIS	4	PRINCE GEORGE'S
ENTAMOEBA COLI	1	PRINCE GEORGE'S
ENTAMOEBA HARTMANNI	1	CARROLL
ENTEROBIUS VERMICULARIS	1	MONTGOMERY
	1	SAINT MARY'S
	1	WASHINGTON
	1	MONTGOMERY
	1	PRINCE GEORGE'S
GIARDIA LAMBLIA	2	PRINCE GEORGE'S
IODAMOEBA BÜTSCHLII	1	FREDERICK
OPISTHORCHIS	1	BALTIMORE CITY
PLASMODIUM FALCIPARUM	1	FREDERICK
TRICHURIS TRICHIURA	3	FREDERICK

TOTAL 22

WATER MICROBIOLOGY

	# TESTED	# NON-COMPLIANT
COMMUNITY	0	0
NON-COMMUNITY	333	93
TOTAL	**333**	**93**

FOOD PROTECTION

	TOTALS
FOOD	
SAMPLES TESTED*	42
NOTABLE PATHOGENS:	
CAMPYLOBACTER SP.	
LISTERIA SPP.	
SALMONELLA SPP.	
EHEC/STEC	
OTHER	
CRABMEAT	
SAMPLES TESTED	0
EXCEEDING STANDARDS[1]	0
NOTABLE PATHOGENS:	
LISTERIA SPP.	
SHELLFISH	
SAMPLES TESTED	1
EXCEEDING STANDARDS[2]	0
SHELLFISH GROWING WATERS	
NUMBER OF SAMPLES	334
OTHER	
CLOSTRIDIUM BOTULINUM	

***RETAIL MEAT TEST DATA NOT INCLUDED**

STANDARDS

[1]CRABMEAT FRESH

ESCHERICHIA COLI AT < 36 MPN/100 GRAMS

STANDARD PLATE COUNT AT < 100

[2]SHELLFISH

FECAL COLIFORMS AT < 230 MPN/100 GRAMS

STANDARD PLATE COUNT AT < 500,000 PER GRAM

VIRUS ISOLATION

ISOLATE SEX	AGE	#	JURISDICTION
ADENOVIRUS			
M	21	1	WICOMICO
HERPES SIMPLEX VIRUS TYPE 1			
F	21	1	ALLEGANY
F	23	1	WICOMICO
M	86	1	BALTIMORE CITY
INFLUENZA A VIRUS			
F	87	1	CHARLES
F	78	1	HARFORD
INFLUENZA B VIRUS			
U	43	1	CECIL
M	5	1	CHARLES
F	9	1	HARFORD
F	18	1	HARFORD
F	10	1	HARFORD
U	5	1	PRINCE GEORGE'S
U	27	1	PRINCE GEORGE'S
F	2	1	PRINCE GEORGE'S
PARAINFLUENZA VIRUS 1			
M	69	1	GARRETT
PARAINFLUENZA VIRUS 3			
M	0	1	ALLEGANY
RESPIRATORY SYNCYTIAL VIRUS			
M	23	1	WICOMICO
TOTAL		**17**	

VIRAL POLYMERASE CHAIN REACTION (PCR)

ISOLATE SEX	AGE	#	JURISDICTION
HERPES SIMPLEX VIRUS TYPE 1			
F	22	1	ALLEGANY
M	22	1	ALLEGANY
F	25	1	BALTIMORE
M	19	1	BALTIMORE CITY
M	67	1	BALTIMORE CITY
F	21	1	FREDERICK
F	22	1	WICOMICO
HERPES SIMPLEX VIRUS TYPE 2			
M	24	1	BALTIMORE
U	0	1	BALTIMORE CITY
U	20	1	BALTIMORE CITY
U	21	1	BALTIMORE CITY
U	38	1	BALTIMORE CITY
F	0	1	BALTIMORE CITY
F	16	1	BALTIMORE CITY
F	18	1	BALTIMORE CITY
F	34	1	BALTIMORE CITY
F	40	1	BALTIMORE CITY
M	21	1	BALTIMORE CITY
M	22	1	BALTIMORE CITY
M	30	1	BALTIMORE CITY
M	47	1	BALTIMORE CITY
M	48	1	BALTIMORE CITY
F	22	1	CALVERT
F	27	1	CALVERT
M	37	1	CAROLINE
F	48	1	FREDERICK
M	50	1	MONTGOMERY
F	20	1	PRINCE GEORGE'S
F	22	1	PRINCE GEORGE'S
F	32	1	PRINCE GEORGE'S
M	31	1	WICOMICO
M	44	1	WICOMICO
INFLUENZA A(H3)			
F	78	1	HARFORD
INFLUENZA B VIRUS			
U	27	1	PRINCE GEORGE'S
U	34	1	PRINCE GEORGE'S
U	5	1	PRINCE GEORGE'S
F	2	1	PRINCE GEORGE'S
TOTAL		**37**	

VIRAL HEPATITIS

ORGANISM	# SPECIMENS	# POSITIVES	JURISDICTION
HEPATITIS A			
	2	0	CARROLL
	2	0	PRINCE GEORGE'S
SUBTOTAL	4	0	
HEPATITIS B			
	42	0	ALLEGANY
	107	0	ANNE ARUNDEL
	51	1	BALTIMORE
	319	7	BALTIMORE CITY
	5	0	CALVERT
	26	0	CARROLL
	114	0	CECIL
	1	0	CHARLES
	34	0	FREDERICK
	20	0	GARRETT
	31	0	HARFORD
	13	0	HOWARD
	292	5	MONTGOMERY
	289	7	PRINCE GEORGE'S
	3	0	QUEEN ANNE'S
	15	1	SAINT MARY'S
	3	0	TALBOT
	40	1	WASHINGTON
	54	0	WICOMICO
	1	0	WORCESTER
SUBTOTAL	1,460	22	
HEPATITIS C			
	40	7	ALLEGANY
	118	22	ANNE ARUNDEL
	46	6	BALTIMORE
	161	28	BALTIMORE CITY
	7	0	CALVERT
	27	3	CARROLL
	54	5	CECIL
	1	0	CHARLES
	35	6	FREDERICK
	25	0	GARRETT
	39	2	HARFORD
	10	0	HOWARD
	1	1	KENT
	105	1	MONTGOMERY
	172	4	PRINCE GEORGE'S
	4	0	QUEEN ANNE'S
	15	2	SAINT MARY'S
	2	1	SOMERSET
	5	0	TALBOT
	14	1	WASHINGTON
	9	1	WICOMICO
	1	0	WORCESTER
SUBTOTAL	**891**	**90**	
TOTALS	**2,355**	**112**	

RABIES

SOURCE	#	JURISDICTION
BAT	1	ANNE ARUNDEL
	1	BALTIMORE CITY
	2	MONTGOMERY
	2	PRINCE GEORGE'S
CAT	1	CHARLES
	1	SAINT MARY'S
FOX	1	CARROLL
	1	HOWARD
	1	MONTGOMERY
	1	WASHINGTON
RACCOON	1	ANNE ARUNDEL
	2	BALTIMORE
	1	BALTIMORE CITY
	1	CALVERT
	2	CARROLL
	1	DORCHESTER
	1	FREDERICK
	2	HARFORD
	1	HOWARD
	2	MONTGOMERY
	1	QUEEN ANNE'S
	1	SAINT MARY'S
	2	SOMERSET
	1	TALBOT
	1	WASHINGTON
	1	WORCESTER
SKUNK	1	TALBOT
	1	WORCESTER
TOTAL POSITIVES	**35**	
TOTAL SPECIMENS	**352**	

CHLAMYDIOPHILIA PSITTACI
(CHLAMYDIA)

REPORTED QUARTERLY
NO REPORT THIS MONTH

CD4 FLOW CYTOMETRY WORKLOAD

REPORTED QUARTERLY
NO REPORT THIS MONTH

NEWBORN & CHILDHOOD SCREENING

PRESUMPTIVE POSITIVES

DISORDERS	#
PHENYLKETONURIA (PKU)	0
MAPLE SYRUP URINE DISEASE (MSUD)	7
HOMOCYSTINURIA	19
TYROSINEMIA	9
ARGININEMIA	1
CITRULLINEMIA	1
GALACTOSEMIA	1
BIOTINIDASE DEFICIENCY	8
HYPOTHYROIDISM	72
HEMOGLOBIN -DISEASE	6
HEMOGLOBIN -BENIGN	514
CONGENITAL ADRENAL HYPERPLASIA (CAH)	9
CYSTIC FIBROSIS	2
FATTY ACID OXIDATIONS	12
ORGANIC ACIDEMIAS	8
ACYLCARNITINE - BORDERLINE	9
ACYLCARNITINE - OTHERS	0

MONTHLY TOTALS

# OF SPECIMENS SCREENED	11,715
NUMBER OF TESTS	767,695
% UNSATISFACTORY SPECIMENS	1.8

2011 YEAR-TO-DATE CONFIRMED CASES

CONDITIONS	# CONFIRMED
MEDIUM CHAIN ACYL-CoA DEHYDROGENASE DEFICIENCY (MCAD)	1
SHORT CHAIN ACYL-CoA DEHYDROGENASE DEFICIENCY (SCAD)	2
VERY LONG-CHAIN ACY-Co-A DEHYDROGENASE DEFICIENCY (VLCAD) - CARRIER	2
CARNITINE DEFICIENCY (MATERNAL)	1
CARNITINE DEFICIENCY	1
CITRULLINEMIA (CIT)	1
TYROSINEMIA III	1
CLASSICAL PHENYLKETONURIA (PKU)	2
HYPERPHENYLALANINEMIA	1
HYPOTHYROIDISM - PRIMARY	15
OTHER HYPOTHYROIDISM	3
TBG DEFICIENCY	3
CONGENITAL ADRENAL HYPERPLASIA-SALT WASTING	1
BIOTINIDASE DEFICIENCY - CARRIER	1
BIOTINIDASE DEFICIENCY - PARTIAL	2
PROBABLE GN	1
CYSTIC FIBROSIS	6
GALACTOSEMIA - VARIANT -DG	1
GALACTOSEMIA - VARIANT -DN	1
SICKLE CELL DISEASE -SS	5
SICKLE CELL DISEASE -SC	5
SICKLE CELL DISEASE -SV	1

ENVIRONMENTAL CHEMISTRY

SAMPLE TYPES	# NON-COMPLIANT	# TESTED
ASBESTOS		
AIR	0	0
BULK	14	30
AIR QUALITY		
$PM_{2.5}$	0	325
RADIATION		
AIR/CHARCOAL FILTERS	0	80
MILK	0	0
WIPES	0	230
RAW WATER	0	10
VEGETATION	0	0
OTHER	0	0
DRINKING WATER		
METALS		
COMMUNITY	4	15
NON-COMMUNITY	5	13
PRIVATE WELLS	18	127
PESTICIDES & PCBs		
COMMUNITY	2	105
NON-COMMUNITY	0	32
PRIVATE WELLS	0	5
VOLATILE ORGANIC COMPOUNDS		
COMMUNITY	1	135
NON-COMMUNITY	0	99
PRIVATE WELLS	0	52
RADIATION		
COMMUNITY	2	36
NON-COMMUNITY	0	0
PRIVATE WELLS	0	12
INORGANICS		
COMMUNITY	0	11
NON-COMMUNITY	6	78
PRIVATE WELLS	2	90
FOOD CHEMISTRY		
SUSPECTED TAMPERING	0	0
MICROSCOPIC FILTH	0	0
LABELING	0	0
SURVEILLANCE	0	34
CHEMICAL CONTAMINATION	0	0
TOTAL	**54**	**1,519**

VIRAL LOAD SPECIMENS

HIV-1 RNA COPIES/ML	$<10^3$	10^3—10^4	10^4—10^5	$>10^5$	TOTALS
ALLEGANY	5	1	1	0	7
FREDERICK	3	1	1	0	5
MONTGOMERY	45	6	4	2	57
PRINCE GEORGE'S	93	11	7	2	113
SOMERSET	1	0	0	0	1
WASHINGTON	3	1	0	0	4
WICOMICO	2	0	0	0	2
SUBTOTALS	**152**	**20**	**13**	**4**	**189**
DEPT. OF CORRECTIONS	8	1	0	0	9
TOTALS	**160**	**21**	**13**	**4**	**198**

HIV ANTIBODY SCREENING

SUBMITTER	TOTAL SPECIMENS	# EIA POSITIVE	% EIA POSITIVE	# WB POSITIVE	% WB POSITIVE
CORRECTION FACILITY JUVENILE	90	0	0.00%	0	0.00%
CORRECTIONAL INSTITUTIONS	149	1	0.67%	1	100.00%
FAMILY PLANNING (NON-GOVERNMENT)	25	0	0.00%	0	0.00%
HEALTH CENTERS (NON-GOVERNMENT)	377	13	3.45%	11	84.62%
HLTH DEPT, NON-STD, FAMILY PLAN	351	0	0.00%	0	0.00%
HLTH DEPT, NON-STD, OB/GYN	27	0	0.00%	0	0.00%
HLTH DEPT, NON-STD, OTHER	535	60	11.21%	54	90.00%
HLTH DEPT, STD CLINICS	1,167	10	0.86%	9	90.00%
HOSPITAL, OTHER	95	3	3.16%	2	66.67%
HOSPITAL, PUBLIC	31	1	3.23%	0	0.00%
LABORATORIES (NON-HOSPITAL)	296	15	5.07%	4	26.67%
PEDIATRIC - CHILD HEALTH	13	0	0.00%	0	0.00%
PRIVATE STUDENT HEALTH CTRS	30	0	0.00%	0	0.00%
PUBLIC STUDENT HEALTH CTRS	199	2	1.01%	1	50.00%
UNKNOWN, NOT SPECIFIED	3	0	0.00%	0	0.00%
TOTALS	**3,388**	**105**	**3.10%**	**82**	**78.10%**

MAILING LABEL

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