



2015 Crime Scene DNA Collection and Analysis Reporting By Law Enforcement Agencies

November 22, 2016

Larry Hogan
Governor

Boyd K. Rutherford
Lt. Governor

V. Glenn Fueston, Jr.
Executive Director
Governor's Office of Crime Control & Prevention

Submitted by: Governor's Office of Crime Control & Prevention
Contact: Jeffrey Zuback
410-697-9344
jeffrey.zuback@maryland.gov

MSAR # 10893

INTRODUCTION

The Public Safety Article, Section 2-514 of the Annotated Code of Maryland requires local law enforcement agencies and the Maryland State Police to report specified information to the Governor's Office of Crime Control and Prevention about DNA evidence. The law requires biennial reporting by these agencies of the preceding calendar year's data. The law also requires the Governor's Office of Crime Control and Prevention to compile the reported data, analyze the results, and submit report to the Governor and General Assembly. This report summarizes and evaluates the calendar year 2015 data reported by law enforcement agencies.

The following flowchart and related comments provide a simple overview of the DNA collection and analysis process.



Step 1 – Crime Scene Evidence Collection – Field investigators (such as detectives) obtain crime scene evidence and follow internal procedures for identifying and securing such evidence. At the time of collection, field investigators do not decide which items collected will be used for DNA evidence. Evidence collected at a crime scene is recorded in an evidence log to document the chain of custody.

Step 2 – Biological Screening /Serology Testing – When a criminal investigator or attorney determines that crime scene evidence needs to be tested for potential DNA matches, the law enforcement agency will submit the potential crime scene DNA evidence to a crime lab for testing as an initial step to determine if the evidence contains biological materials that will allow for DNA testing. Law enforcement agencies require written documentation of the requests for testing as well as reports of the related findings.

Step 3 – DNA Analysis – Based on results from Step 2, law enforcement agencies will determine the actual samples to be used by the crime labs for DNA analysis. The law enforcement agency then makes a request for DNA analysis. Labs use different testing methods depending on the amount of DNA material available and the results from biological testing.

Step 4 – DNA Analysis Results – The DNA analysis may result in a DNA profile that allows for matching to an individual (or possibly to a group of individuals). The requestor receives a detailed report of the lab results. This information can then be used by law enforcement agencies as part of the investigative process.

METHODOLOGY

The Governor's Office of Crime Control & Prevention submitted an electronic survey to all law enforcement agencies in the state. As required by the Public Safety Article, Section 2-514 of the Annotated Code of Maryland, the survey covered the following four areas for calendar 2015 (see Exhibit 5 for a copy of the survey instrument):

- 1) The crimes for which crime scene DNA evidence is routinely collected;
- 2) The number of cases in which crime scene DNA evidence samples were collected during the preceding year for each category of crime;
- 3) The average time between crime scene DNA evidence submission and analysis results;
- 4) The number of cases in which crime scene DNA evidence samples were submitted and not analyzed at the time of the study.

The required reporting also included information on the number of crime scene DNA evidence samples submitted to the Statewide DNA database during calendar year 2015, which was reported by the Maryland State Police. Finally, the law required reporting the number of crime scene evidence samples related to sexual assaults collected by hospitals in each county for which it received reimbursement during the calendar year 2015, which was obtained by the Department of Health and Mental Hygiene.

For the purposes of this report, the following terms have the meanings indicated:

Original submission – the initial submission of crime scene DNA evidence for subsequent testing and reporting.

Supplemental submission – an additional submission of crime scene DNA evidence prior to the completion of the DNA analysis process for the original submission.

Resubmission – an additional submission of crime scene DNA evidence after the original submission has been tested and the related report issued.

RESULTS

The Governor's Office of Crime Control & Prevention received completed surveys from 94 local law enforcement agencies of which 55 reported that they routinely collect DNA evidence. A total of 44 out of these 55 agencies reported at least one instance during calendar year 2015 of cases that included collecting crime scene DNA evidence samples (see Exhibit 2). The remaining 39 Law Enforcement Agencies reported that their agency does not collect DNA evidence.

The crimes for which crime scene DNA evidence is routinely collected

Our review of the calendar year 2015 reports indicated that the percentage of Law Enforcement Agencies reporting the collection of crime scene DNA evidence for the various crime categories are comparable with the prior reporting period (calendar year 2013). As depicted by Table 1, sexual assault is the most common crime category where DNA evidence is routinely collected by law enforcement agencies followed by burglary and robbery.

Table 1. Number of Law Enforcement Agencies that Routinely Collect DNA Crime Scene Evidence by Category of Crime								
	Category of Crime							
	Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other
Number of Law Enforcement Agencies that Routinely Collect Crime Scene DNA Evidence	36	27	41	36	50	42	22	23
Percentage of Law Enforcement Agencies Reporting Collecting Crime Scene DNA Evidence	65%	49%	75%	65%	91%	76%	40%	42%

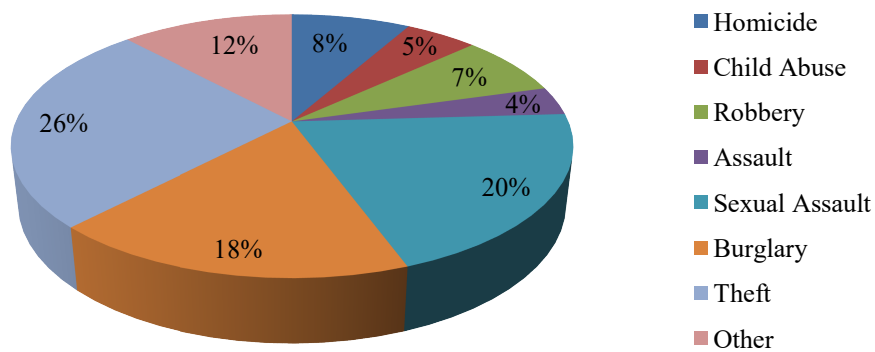
The number of cases in which crime scene DNA evidence samples were collected during the preceding year for each category of crime;

As shown in Table 2, there were a total of 3,221 cases where crime scene DNA evidence was collected in 2015 which is slightly higher than the 2,973 cases in 2013. Overall the six largest law enforcement agencies in the state accounted for 70% of the cases where DNA was collected. Theft was the most common crime where DNA evidence was collected followed by sexual assault, and burglary (see Chart 1).

Table 2.
Number of Cases with Crime Scene DNA Evidence Samples Collected
Calendar Year 2015

Law Enforcement Agency	Category of Crime								CY 2015	CY 2013
	Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other	Total	Total
Anne Arundel County PD	32	27	43	7	56	50	133	70	418	420
Baltimore PD	117	48	0	21	252	61	306	56	861	586
Baltimore County PD	17	36	16	7	22	36	182	13	329	375
Maryland State Police	24	3	9	6	16	10	29	18	115	132
Montgomery County PD	18	18	13	0	38	32	76	44	239	296
Prince George's County PD	30	19	2	16	108	44	7	81	307	468
Subtotal	238	151	83	57	492	233	733	282	2,269	2,277
All Others	26	9	156	55	163	340	101	102	952	696
Totals (All)	264	160	239	112	655	573	834	384	3,221	2,973

Chart 1. Number of Cases with Crime Scene DNA Evidence Samples Collected in 2015 by Crime Type



The average time between crime scene DNA evidence submission and analysis results

Chart 2 stratifies the turnaround time, by range of days, for DNA crime scene evidence analysis for the 41 Law Enforcement Agencies who responded to this question while Table 3 provides the average turnaround time for the 6 largest agencies as well as all other agencies that provided a specific response. The average turnaround time between DNA submission and analysis was very similar in 2015 to 2013 (103 days vs. 100 days). The Anne Arundel County Police Department was able to reduce its average turnaround time from 225 days in 2013 to 98 days in 2015 primarily through the hiring of an additional grant funded forensic analyst. The Baltimore Police Department also significantly reduced their average DNA analysis turnaround time from 411 days in 2013 to 149 days in 2015 by making a concerted effort to complete older cases. Many of these older cases represented outliers that were driving up the overall average.

A detailed schedule of the data reported by the 47 Law Enforcement Agencies that responded to this question is included in Exhibit 3.

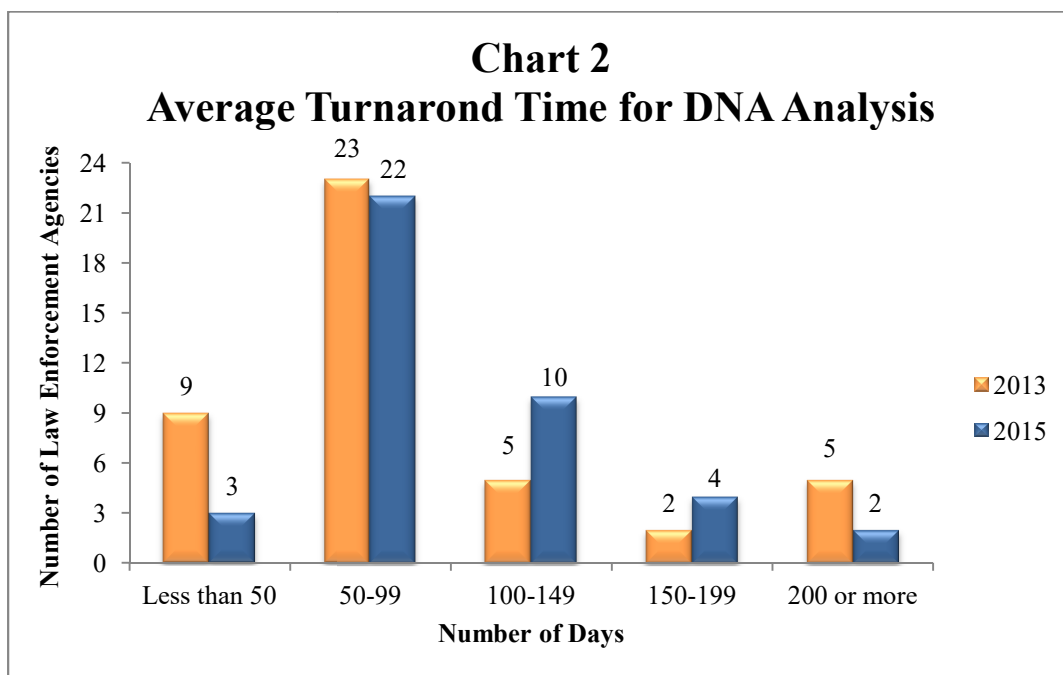


Table 3.
Average Turnaround Time for Crime Scene DNA Evidence Analysis
Calendar Year 2015

Law Enforcement Agency	CY 2015 Average Time (in days)	CY 2013 Average Time (in days)
Anne Arundel County PD	98	225
Baltimore PD	149	411
Baltimore County PD	260	265
Maryland State Police	79	86
Montgomery County PD	89	58
Prince George's County PD	136	80
Subtotal	135	188
All Others	98	86
Totals (All)	103	100

The number of cases in which crime scene DNA evidence samples were submitted and not analyzed at the time of the study

As shown in Table 4, overall the number of analyzed DNA evidence samples has reduced slightly in 2015 compared to 2013 (1,115 vs.1,371), a reduction driven predominantly by the Baltimore Police Department and the Baltimore County Police Department. The Baltimore Police Department began to clean its DNA evidence backlog in late 2013. First, the backlog was purged of cases which no longer needed to be analyzed including cases which were adjudicated or closed by exception and cases which had evidence that would not typically be analyzed with the current protocols in place. The Baltimore Police Department also diligently worked to complete older cases which also drove down the backlog. The Baltimore County Police Department implemented a new system of case acceptance, organization, distribution and review, which has resulted in a steady decrease in the case backlog since that time.

Table 4.
Number of Cases with Crime Scene Evidence Samples Submitted for Analysis Not Yet Completed
As of December 31, 2015

Law Enforcement Agency	CY 2015 Month the Sample was Submitted													CY 2015	CY 2013
	Prior to Jan	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total	Total
Anne Arundel County PD	13	0	1	3	2	1	1	0	10	5	9	12	5	62	42
Baltimore PD	0	0	0	0	0	0	0	0	0	7	6	18	56	87	511
Baltimore County PD	27	6	1	10	5	4	25	12	35	16	24	21	26	212	334
Maryland State Police	5	0	0	0	0	0	0	0	4	3	1	2	10	25	41
Montgomery County PD	0	0	0	0	0	2	1	3	2	6	10	15	15	54	31
Prince George's County PD	8	18	15	13	11	17	36	22	17	24	43	33	40	297	240
Subtotal	53	24	17	26	18	24	63	37	68	61	93	101	152	737	1,199
All Others	188	3	3	9	4	2	6	26	36	17	24	27	33	378	172
Totals (All)	241	27	20	35	22	26	69	63	104	78	117	128	185	1,115	1,371

Submission of Crime Scene Evidence to the Statewide DNA Database

In accordance with the Public Safety Article, Section 2-514 of the Annotated Code of Maryland, the Maryland State Police is required to report the total number of crime scene DNA evidence samples submitted to the Statewide DNA database. Pursuant to the aforementioned law, the Maryland State Police reported that 906 crime scene DNA evidence samples and 1,117 suspect DNA evidence samples were submitted and qualified for inclusion during calendar year 2015.

Forensic Examination Collections by Hospitals

In accordance with the Public Safety Article, Section 2-514 the Department of Health and Mental Hygiene is required to report the number of hospital forensic examinations for which it reimbursed each jurisdiction in each odd numbered calendar year. Certain hospitals throughout the State are authorized to perform forensic examinations on sexual assault victims. When a hospital performs these examinations, it may request and receive reimbursement from the

Department for the costs associated with the examinations. The number of reimbursements by County is shown in Table 5 below.

Table 5. Sexual Assault Forensic Exam Reimbursements by County Where the Assault Was Committed Calendar Year 2015	
County	Total Reimbursements
Allegany	31
Anne Arundel	86
Baltimore City	366
Baltimore	193
Calvert	8
Caroline	6
Carroll	18
Cecil	15
Charles	24
Dorchester	16
Frederick	64
Garrett	4
Harford	33
Howard	48
Kent	3
Montgomery	83
Prince George's	175
Queen Anne's	3
St. Mary's	12
Somerset	11
Talbot	8
Washington	38
Wicomico	55
Worcester	34
Unknown	7
Out of State	4
Total	1,345

SUMMARY

Overall there were more cases with crime scene DNA evidence sample collected in 2015 compared to 2013 driven primarily by the six largest law enforcement agencies in the state. The average turnaround time for crime scene DNA evidence analysis was nearly identical in 2013 and 2015 (100 days compared to 103 days). The DNA evidence sample backlog was significantly reduced within the Baltimore Police Department and the Baltimore County Police Department which drove down the overall sample backlog numbers for the state.

Table 6.
Comparison of Selective Reported Calendar Year (CY) Totals
CY 2013 and CY 2015

Law Enforcement Agency	Reporting Item 2		Reporting Item 3		Reporting Item 4	
	Numbers of Cases with Crime Scene DNA Evidence Samples Collected		Average Turnaround Time for Crime Scene DNA Evidence Analysis (Days)		Number of Cases with Crime Scene DNA Evidence Samples Submitted for Analysis Not Yet Completed	
	CY 2015	CY 2013	CY 2015	CY 2013	CY 2015	CY 2013
Anne Arundel County PD	418	420	98	225	62	42
Baltimore PD	861	586	149	411	87	511
Baltimore County PD	329	375	260	265	212	334
Maryland State Police	115	132	79	86	25	41
Montgomery County PD	239	296	89	58	54	31
Prince George's County PD	307	468	136	80	297	240
Subtotal	2,269	2,277	135	188	737	1,199
All Others	952	696	98	86	378	172
Totals (All)	3,221	2,973	103	100	1,115	1,371

Exhibit 1 – Responses to Data Item 1

Categories of Cases for Which Crime Scene Evidence Are Routinely Collected By Law Enforcement Agencies

	Law Enforcement Agency	Category of Crime							
		Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other
1	Allegany County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
2	Annapolis Police Department	•	•	•	•	•	•	•	
3	Anne Arundel County Police Department	•	•	•	•	•	•	•	•
4	Anne Arundel County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
5	Baltimore City Community College Office of Police and Public Safety	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
6	Baltimore City Police Department	•	•	•	•	•	•		•
7	Baltimore City Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
8	Baltimore County Police Department	•	•	•	•	•	•	•	•
9	Baltimore County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
10	Bel Air Police Department	•	•	•	•	•	•	•	•
11	Berlin Police Department	•				•	•		
12	Berwyn Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
13	Bladensburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
14	Boonsboro Police Department					•			
15	Bowie Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
16	Brentwood Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
17	Brunswick Police Department					•			
18	Cambridge Police Department	•		•		•	•		
19	Capitol Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
20	Caroline County Sheriff's Office	•	•	•	•	•	•		
21	Carroll County Sheriff's Office	•	•	•	•	•	•	•	•
22	Cecil County Sheriff's Office	•		•	•	•	•		
23	Centreville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
24	Charles County Sheriff's Office	•	•	•	•	•	•	•	•
25	Chestertown Police Department			•	•	•	•		•
26	Cheverly Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
27	Chevy Chase Village Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
28	City of Seat Pleasant Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
29	Colmar Manor Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							

30	Comptroller of Maryland, Field Enforcement Division	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
31	Coppin State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
32	Crisfield Police Department	•	•	•	•	•	•	
33	Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
34	Cumberland Police Department	•				•	•	
35	Denton Police Department			•	•	•	•	
36	Dorchester County Sheriff's Office	•		•	•	•	•	•
37	Easton Police Department		•	•	•	•	•	•
38	Edmonston Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
39	Fairmount Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
40	Federalsburg Police Department			•	•	•		
41	Frederick County Sheriff's Office	•		•	•	•	•	•
42	Frederick Police Department	•	•	•	•	•	•	•
43	Frostburg State University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
44	Fruitland Police Department	•	•	•	•		•	
45	Garrett County Sheriff's Office	•				•		
46	Greenbelt Police Department	•		•	•	•	•	•
47	Greensboro Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
48	Hagerstown Police Department	•	•	•	•	•	•	•
49	Hampstead Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
50	Hancock Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
51	Harford County Sheriff's Office	•	•	•	•	•	•	•
52	Havre de Grace Police Department	•	•	•	•	•	•	
53	Howard County Police Department	•	•	•	•	•	•	•
54	Howard County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
55	Hurlock Police Department					•	•	
56	Hyattsville City Police Department			•	•	•	•	
57	Kent County Sheriff's Office	•	•	•	•	•	•	•
58	Landover Hills Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
59	Laurel Police Department	•	•	•	•	•	•	•
60	Luke Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
61	Maryland National Capital Park Police			•	•	•	•	
62	Maryland State Police	•	•	•	•	•	•	•
63	Montgomery County Police Department	•	•	•	•	•	•	•
64	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						

65	New Carrollton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
66	Ocean City Police Department					•	•	•	
67	Ocean Pines Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
68	Pocomoke City Police Department	•	•	•	•	•	•		
69	Prince George's Community College Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
70	Prince George's County Police Department	•	•	•	•	•	•	•	•
71	Prince George's County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
72	Princess Anne Police Department	•		•	•	•	•		
73	Queen Anne's County Sheriff's Office	•	•	•	•	•	•	•	•
74	Ridgely Police Department			•		•			
75	Riverdale Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
76	Salisbury Police Department	•	•	•	•	•	•	•	•
77	Salisbury University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
78	Snow Hill Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
79	Somerset County Sheriff's Office	•	•	•		•	•	•	
80	St. Mary's County Sheriff's Office								
81	St. Michaels Police Department			•		•			
82	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
83	Talbot County Sheriff's Office	•				•			
84	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
85	Trappe Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
86	UMBC Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
87	University of Baltimore Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
88	University of Maryland Police	•				•			•
89	University of Maryland, Baltimore Police Force		•	•	•	•	•		
90	University Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
91	Washington County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
92	Westminster Police Department			•	•		•	•	
93	Wicomico County Sheriff's Office	•	•	•	•	•	•	•	
94	Worcester County Sheriff's Office					•			
	Grand Total	35	26	40	35	49	41	21	19

Exhibit 2 – Responses to Data Item 2

Number of Cases With Crime Scene DNA Evidence Collected by Law Enforcement Agencies For Calendar Year 2015

	Law Enforcement Agency	Category of Crime								
		Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other	Total
1	Allegany County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
2	Annapolis Police Department	1	0	22	2	7	66	14	3	115
3	Anne Arundel County Police Department	32	7	50	27	56	133	43	70	418
4	Anne Arundel County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
5	Baltimore City Community College Office of Police & Public Safety	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
6	Baltimore City Police Department	117	21	61	48	252	306	0	56	861
7	Baltimore City Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
8	Baltimore County Police Department	17	7	36	36	22	182	16	13	329
9	Baltimore County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
10	Bel Air Police Department	0	0	0	0	0	0	0	0	0
11	Berlin Police Department	0	0	0	0	0	0	0	0	0
12	Berwyn Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
13	Bladensburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
14	Boonsboro Police Department	0	0	0	0	0	0	0	0	0
15	Bowie Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
16	Brentwood Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
17	Brunswick Police Department	0	0	0	0	0	0	0	0	0
18	Cambridge Police Department	0	0	2	2	13	2	1	6	26
19	Capitol Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
20	Caroline County Sheriff's Office	0	0	2	0	5	2	0	0	9
21	Carroll County Sheriff's Office	1	0	1	0	7	11	2	0	22
22	Cecil County Sheriff's Office	3	0	0	0	2	0	0	0	5
23	Centreville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
24	Charles County Sheriff's Office	3	3	24	10	26	55	31	38	190
25	Chestertown Police Department	0	0	0	0	1	1	0	0	2
26	Cheverly Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
27	Chevy Chase Village Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
28	City of Seat Pleasant Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								

29	Colmar Manor Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
30	Comptroller of Maryland, Field Enforcement Division	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
31	Coppin State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
32	Crisfield Police Department	0	0	1	0	0	0	0	0	1
33	Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
34	Cumberland Police Department	1	0	0	1	0	2	0	0	4
35	Denton Police Department	0	0	1	0	0	1	1	1	4
36	Dorchester County Sheriff's Office	0	0	0	0	0	1	1	2	4
37	Easton Police Department	0	0	1	1	1	0	0	2	5
38	Edmonston Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
39	Fairmount Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
40	Federalsburg Police Department	0	0	0	0	1	0	0	0	1
41	Frederick County Sheriff's Office	2	0	3	2	3	14	4	3	31
42	Frederick Police Department	5	1	17	11	14	30	5	7	90
43	Frostburg State University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
44	Fruitland Police Department	0	0	0	0	0	0	0	0	0
45	Garrett County Sheriff's Office	0	0	0	0	0	0	0	0	0
46	Greenbelt Police Department	1	0	4	1	2	3	0	2	13
47	Greensboro Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
48	Hagerstown Police Department	3	1	4	4	1	1	0	1	15
49	Hampstead Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
50	Hancock Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
51	Harford County Sheriff's Office	1	0	2	2	0	3	1	1	10
52	Havre de Grace Police Department	0	0	0	1	1	1	0	0	3
53	Howard County Police Department	3	1	27	3	7	29	7	16	93
54	Howard County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
55	Hurlock Police Department	0	0	0	0	1	1	0	0	2
56	Hyattsville City Police Department	0	0	1	2	1	1	0	0	5
57	Kent County Sheriff's Office	0	0	0	0	2	2	0	0	4
58	Landover Hills Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
59	Laurel Police Department	0	0	2	0	6	3	0	2	13
60	Luke Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
61	Maryland National Capital Park Police	0	0	0	0	0	0	0	0	0
62	Maryland State Police	24	6	10	3	16	29	9	18	115

63	Montgomery County Police Department	18	0	32	18	38	76	13	44	239
64	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
65	New Carrollton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
66	Ocean City Police Department	0	0	2	2	3	14	4	8	33
67	Ocean Pines Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
68	Pocomoke City Police Department	0	0	0	0	3	3	0	0	6
69	Prince George's Community College Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
70	Prince George's County Police Department	30	16	44	19	108	7	2	81	307
71	Prince George's County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
72	Princess Anne Police Department	0	0	1	0	0	0	0	0	1
73	Queen Anne's County Sheriff's Office	1	1	2	2	7	28	11	4	56
74	Ridgely Police Department	0	0	1	0	0	0	0	0	1
75	Riverdale Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
76	Salisbury Police Department	0	0	22	4	7	17	6	4	60
77	Salisbury University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
78	Snow Hill Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
79	Somerset County Sheriff's Office	1	2	0	2	5	2	0	0	12
80	St. Mary's County Sheriff's Office	0	0	9	2	3	28	7	1	50
81	St. Michaels Police Department	0	0	0	0	1	0	0	0	1
82	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
83	Talbot County Sheriff's Office	0	0	0	0	1	0	0	0	1
84	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
85	Trappe Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
86	UMBC Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
87	University of Baltimore Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
88	University of Maryland Police	0	0	0	0	0	0	0	0	0
89	University of Maryland, Baltimore Police Force	0	0	0	0	0	0	0	0	0
90	University Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
91	Washington County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
92	Westminster Police Department	0	0	3	1	0	3	5	0	12
93	Wicomico County Sheriff's Office	0	0	2	0	6	17	1	1	27
94	Worcester County Sheriff's Office	0	0	0	0	26	0	0	0	26
	Grand Total	264	66	389	206	655	1,073	184	384	3,221

Exhibit 3 – Responses to Data Item 3		
Average Turnaround Time for Crime Scene DNA Evidence Results Calendar Year 2015		
	Law Enforcement Agency	Number of Days
1	Annapolis Police Department	108
2	Anne Arundel County Police Department	98
3	Baltimore City Police Department	149
4	Baltimore County Police Department	260
9	Cambridge Police Department	90
11	Carroll County Sheriff's Office	79
12	Cecil County Sheriff's Office	114
13	Charles County Sheriff's Office	90
14	Chestertown Police Department	55
15	Crisfield Police Department	90
16	Cumberland Police Department	60
17	Denton Police Department	279
18	Dorchester County Sheriff's Office	114
19	Easton Police Department	93
21	Frederick County Sheriff's Office	111
22	Frederick Police Department	30
25	Greenbelt Police Department	109
26	Hagerstown Police Department	52
27	Harford County Sheriff's Office	77
28	Havre de Grace Police Department	183
29	Howard County Police Department	55
30	Hurlock Police Department	62
31	Hyattsville City Police Department	160
32	Kent County Sheriff's Office	45
33	Laurel Police Department	40
36	Maryland State Police	79
37	Montgomery County Police Department	89
38	Ocean City Police Department	135
39	Pocomoke City Police Department	75
40	Prince George's County Police Department	136
41	Princess Anne Police Department	151
42	Queen Anne's County Sheriff's Office	90
43	Ridgely Police Department	60
44	Salisbury Police Department	98
46	Somerset County Sheriff's Office	180
47	St. Mary's County Sheriff's Office	90
48	St. Michaels Police Department	65
49	Talbot County Sheriff's Office	120
53	Westminster Police Department	117
54	Wicomico County Sheriff's Office	50
55	Worcester County Sheriff's Office	90
	Average – All Law Enforcement Agencies Reporting* *Only those agencies that provided a response to this Data Item were included in the average	103

Exhibit 4 – Responses to Data Item 4

Number of Cases with Crime Scene DNA Evidence Submitted to a Lab But Not Analyzed As of December 31, 2015

	Law Enforcement Agency	Month Sample Collected													
		Prior to Jan	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
1	Allegany County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
2	Annapolis Police Department	136	3	3	9	4	0	5	19	25	11	17	13	0	245
3	Anne Arundel County Police Department	13	0	1	3	2	1	1	0	10	5	9	12	5	62
4	Anne Arundel County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
5	Baltimore City Community College Office of Police and Public Safety	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
6	Baltimore City Police Department	0	0	0	0	0	0	0	0	0	7	6	18	56	87
7	Baltimore City Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
8	Baltimore County Police Department	27	6	1	10	5	4	25	12	35	16	24	21	26	212
9	Baltimore County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
10	Bel Air Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Berlin Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Berwyn Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
13	Bladensburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
14	Boonsboro Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Bowie Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
16	Brentwood Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
17	Brunswick Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Cambridge Police Department	0	0	0	0	0	0	0	0	0	0	0	3	4	7
19	Capitol Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
20	Caroline County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Carroll County Sheriff's Office	2	0	0	0	0	0	0	1	2	1	1	0	0	7

22	Cecil County Sheriff's Office	0	0	0	0	0	0	0	0	1	0	0	0	1	2
23	Centreville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
24	Charles County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Chestertown Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Cheverly Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
27	Chevy Chase Village Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
28	City of Seat Pleasant Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
29	Colmar Manor Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
30	Comptroller of Maryland, Field Enforcement Division	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
31	Coppin State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
32	Crisfield Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
34	Cumberland Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Denton Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Dorchester County Sheriff's Office	44	0	0	0	0	2	0	1	0	0	0	0	0	47
37	Easton Police Department	0	0	0	0	0	0	1	0	0	0	0	0	0	1
38	Edmonston Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
39	Fairmount Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
40	Federalsburg Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Frederick County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	1	1
42	Frederick Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Frostburg State University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
44	Fruitland Police Department	6	0	0	0	0	0	0	0	0	0	0	0	0	6
45	Garrett County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Greenbelt Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0

47	Greensboro Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
48	Hagerstown Police Department	0	0	0	0	0	0	0	0	0	0	0	0	1	1
49	Hampstead Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
50	Hancock Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
51	Harford County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Havre de Grace Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Howard County Police Department	0	0	0	0	0	0	0	0	0	0	3	5	12	20
54	Howard County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
55	Hurlock Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Hyattsville City Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Kent County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Landover Hills Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
59	Laurel Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Luke Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
61	Maryland National Capital Park Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	Maryland State Police	5	0	0	0	0	0	0	0	4	3	1	2	10	25
63	Montgomery County Police Department	0	0	0	0	0	2	1	3	2	6	10	15	15	54
64	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
65	New Carrollton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
66	Ocean City Police Department	0	0	0	0	0	0	0	0	0	0	0	0	2	2
67	Ocean Pines Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
68	Pocomoke City Police Department	0	0	0	0	0	0	0	0	0	0	1	1	0	2
69	Prince George's Community College Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
70	Prince George's County Police Department	8	18	15	13	11	17	36	22	17	24	43	33	40	297
71	Prince George's County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													

72	Princess Anne Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Queen Anne's County Sheriff's Office	0	0	0	0	0	0	0	5	1	0	0	2	0	8
74	Ridgely Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Riverdale Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
76	Salisbury Police Department	0	0	0	0	0	0	0	0	3	2	0	1	6	12
77	Salisbury University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
78	Snow Hill Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
79	Somerset County Sheriff's Office	0	0	0	0	0	0	0	0	1	0	1	0	0	2
80	St. Mary's County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	St. Michaels Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
83	Talbot County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
85	Trappe Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
86	UMBC Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
87	University of Baltimore Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
88	University of Maryland Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	University of Maryland, Baltimore Police Force	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	University Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
91	Washington County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
92	Westminster Police Department	0	0	0	0	0	0	0	0	2	1	0	0	1	4
93	Wicomico County Sheriff's Office	0	0	0	0	0	0	0	0	1	2	1	2	5	11
94	Worcester County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Grand Total	241	27	20	35	22	26	69	63	104	78	117	128	185	1,115

Exhibit 5: Survey Instrument

Data Definitions

For the purposes of this survey, the following terms have the meanings indicated:

DNA crime scene evidence sample is a case that includes one or more DNA crime scene DNA evidence items.

DNA crime scene evidence item includes one or more of the following:

- Physical evidence (e.g., a sweat shirt, glove, or cigarette retrieved from the crime scene and submitted to a crime lab for biological analysis);
- A "sexual assault evidence kit";
- Swabs from suspects or voluntarily provided swab samples.

IMPORTANT: The reported data should reflect the number of cases in which crime scene DNA evidence was collected and submitted to a lab for biological analysis. Do not report a count of individual items.

Original Case Submission is the initial submission of crime scene DNA evidence for subsequent testing and reporting testing and reporting.

Supplemental Submission is an additional submission of crime scene DNA evidence prior to the completion of the DNA analysis process for the original case submission.

Re-submission Case is an additional submission of crime scene DNA evidence after the original case submission has been tested and the related report issued.

Biological analysis is submission of a DNA crime scene evidence item to a laboratory for analysis including serology testing. Collected and submitted to a crime laboratory for biological analysis is:

The date a DNA crime scene evidence item is sent from the police department's evidence holding area to a lab regardless of:

- The current phase of laboratory analysis (serology vs. advanced testing)
- Whether or not the evidence was probative to the case

This should include:

- All evidence items, including those outsourced to private labs or labs operated by other jurisdictions.
- Items submitted even when a subsequent determination that no testing was required and the case was closed without performing serology or advanced testing.
- Cases where serology testing determined that further DNA analysis was either not possible (e.g., due to a lack of materials to test) or warranted.

IMPORTANT: Reported information shall include all cases in which crime scene DNA evidence items were submitted to a lab regardless of whether the items were submitted to a government or private lab for analysis



2016 DNA Evidence Collection Survey

DNA Evidence Collection Survey

1. Check the corresponding box for each crime category in which DNA crime scene evidence items are routinely collected and submitted to a crime laboratory for biological analysis. (check all that apply)

- ☐ Our department does not collect DNA evidence
- ☐ Homicide
- ☐ Assault
- ☐ Theft
- ☐ Child Abuse
- ☐ Sexual Assault
- ☐ Robbery
- ☐ Burglary
- ☐ Other

Other (please specify)

2. Indicate the number of cases in which DNA crime scene evidence samples were collected and submitted to a crime laboratory for biological analysis from January 1, 2015 through December 31, 2015. Provide the number of cases that included evidence samples collected and submitted for each crime category. This count should include original case submission, supplemental submissions, and re-submission cases as follows:

- *Original Case Submissions* – Each submission should be counted each as one case if the submission occurred during the reporting year
- *Supplemental Submissions* – If the submission related to an original case submission already counted above, the supplemental submission should not be counted. If the supplemental submission occurred during the reporting year but relates to an original case submission or re-submission case that occurred in a preceding year, count the first supplemental submission (and any additional supplemental submissions in the reporting year) as one case. For example, if the original case submission occurred in calendar year 2014 and three supplemental submissions were made in calendar year 2015 (the reporting year), the LLEA should count this as one case.
- *Re-submission Cases* – Each re-submission case should be counted as one case if the evidence for the re-submission case was submitted during the reporting year regardless of the year the related original case was submitted.

Homicide

Assault

Theft

Child Abuse

Sexual Assault

Robbery

Burglary

Other

3. What was the average time (in days) between the date the agency submitted cases with DNA crime scene evidence sample(s) for biological analysis and the date the agency received the DNA analysis results back from the crime laboratory?

To calculate this, use DNA crime scene evidence samples that have completed DNA analysis in CY 2015 regardless of when they were submitted to the lab for analysis. Determine the number of days from the original biological analysis submission date* to the date the DNA analysis results were returned to you. Total the number of days and divide by the number of cases submitted to determine the average. Please report the result in number of days as a single value (that is, do not give a range).

*The original biological analysis submission date should be determined as follows:

Original Case Submissions use the date the evidence was first submitted. Supplemental submission dates are not considered.

Re-submission Cases use the date evidence was first submitted for biological analysis for that re-submission case (and not the original case submission).

If over 365, how many days?

4. Identify the number of cases in which DNA crime scene evidence samples were submitted for biological analysis prior to and including 2015, (by month of submission) for which a final DNA analysis report has not been received from the lab, as of 12/31/2015.

This number will reflect the cases where DNA crime scene evidence samples that you submitted to a laboratory for biological analysis in which you have not yet received the results of the analysis. The purpose of this question is to determine if there is a case backlog of DNA crime scene evidence sample analysis in Maryland, and if so, the size of such backlog. (Note that this represents samples pending analysis as a snap shot at the reporting date and will not be reflective of all casework handled by the police department and related lab.)

Prior to 1/1/15	<input type="text"/>
Jan 2015	<input type="text"/>
Feb 2015	<input type="text"/>
March 2015	<input type="text"/>
April 2015	<input type="text"/>
May 2015	<input type="text"/>
June 2015	<input type="text"/>
July 2015	<input type="text"/>
Aug 2015	<input type="text"/>
Sept 2015	<input type="text"/>
Oct 2015	<input type="text"/>
Nov 2015	<input type="text"/>
Dec 2015	<input type="text"/>



2016 DNA Evidence Collection Survey

AGENCY INFORMATION

* 5. Name of Agency:

* 6. Agency Address:

* 7. Main Telephone & Fax Number:

* 8. Name of Agency Official Completing Survey:

* 9. Agency Official's Contact Telephone Number:

* 10. Agency Official's Email: