



# **2017 Crime Scene DNA Collection and Analysis Reporting By Law Enforcement Agencies**

*Public Safety Article § 2-514(b), Chapter 49 of 2016  
(Senate Bill 116)*

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# Table of Contents

<b>Table of Contents</b>	<b>1</b>
<b>Background</b>	<b>2</b>
<b>Introduction</b>	<b>3</b>
DNA Collection and Analysis Process	3
Step #1: Crime Scene Evidence Collection	3
Step #2: Biological Screening/Serology Testing	3
Step #3: DNA Analysis	4
Step #4: DNA Analysis Results	4
<b>Methodology</b>	<b>5</b>
Definitions	5
<b>Results</b>	<b>6</b>
Crime Category: DNA Evidence Routinely Collected	6
Number of Cases: DNA Evidence Samples Collected by Crime	6
Time Between DNA Evidence Submission and Analysis Results	7
Number of Cases: DNA Evidence Samples Submitted and Not Analyzed	9
Submission of Crime Scene Evidence to the Statewide DNA Database	10
Forensic Examination Collections by Hospitals	10
<b>Summary</b>	<b>12</b>
<b>Appendix A: Exhibit 1 - Responses to Data Item 1</b>	<b>13</b>
<b>Appendix B: Exhibit 2 - Responses to Data Item 2</b>	<b>16</b>
<b>Appendix C: Exhibit 3 - Responses to Data Item 3</b>	<b>19</b>
<b>Appendix D: Exhibit 4 - Responses to Data Item 4</b>	<b>20</b>
<b>Appendix E: DNA Survey</b>	<b>22</b>

# Background

Chapter 431 of 2013 (House Bill 292), *Public Safety - Statewide DNA Data Base System - DNA Sample Collection on Arrest - Reporting Requirement and Repeal of Sunset*, required local law enforcement agencies and the Maryland State Police to report to the Governor's Office of Crime Control and Prevention (Office) on the status of crime scene DNA collection and analysis in their respective jurisdiction for the preceding calendar year.<sup>1</sup> Specifically, the Act required local law enforcement agencies and the Maryland State Police to report on or before April 1 of every even-numbered year, as it relates to the following:

- The crimes for which crime scene DNA evidence is routinely collected;
- The approximate number of crime scene DNA evidence samples collected during the preceding year for each category of crime;
- The average time between crime scene DNA evidence collection and analysis;
- The number of crime scene DNA evidence samples collected and not analyzed at the time of the study;
- The number of crime scene DNA evidence samples submitted to the statewide DNA database during the preceding year; and
- The number of crime scene DNA evidence samples, including sexual assault evidence, collected by hospitals in the county during the preceding year.

Chapter 431 of 2013 also required the Office to compile and submit the information reported by local law enforcement agencies and the Maryland State Police to the Office of Legislative Audits. In addition, it required the Office of Legislative Audits to evaluate the information received and to submit an annual report to the Governor and the General Assembly.

Chapter 49 of 2016 (Senate Bill 116), *State Government - Office of Legislative Audits - Alterations in Audit Requirements*, transferred the reporting requirement from the Office of Legislative Audits to the Office, effective April 12, 2016.<sup>2</sup> Pursuant to § 2-514(b) of the Criminal Procedure Article, the Office must compile the information reported by local law enforcement agencies and the Maryland State Police and submit an annual report to the Governor and General Assembly.

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<sup>1</sup> Maryland General Assembly. (2013). [\*Chapter 431 of 2013 \(House Bill 292\), Public Safety - Statewide DNA Data Base System - DNA Sample Collection on Arrest - Reporting Requirement and Repeal of Sunset\*](#).

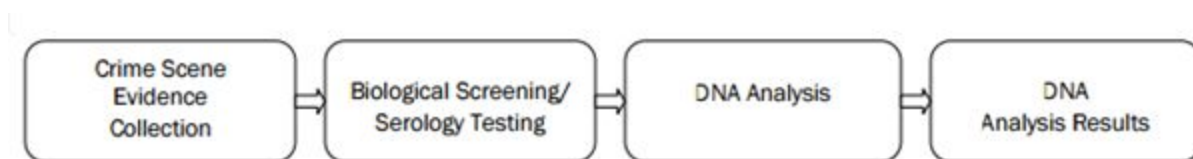
<sup>2</sup> Maryland General Assembly. (2016). [\*Chapter 49 of 2016 \(Senate Bill 116\), State Government - Office of Legislative Audits - Alterations in Audit Requirements\*](#).

# Introduction

In accordance with § 2-514 of the Criminal Procedure Article, local law enforcement agencies and the Maryland State Police are required to report specified information to the Office, every even-numbered year, as it relates to DNA evidence. The law also requires the Office to compile the reported data, analyze its results, and submit a report to the Governor and General Assembly each year. In accordance with § 2-514(b) of the Criminal Procedure Article, this *2018 Crime Scene DNA Collection and Analysis Reporting by Law Enforcement Agencies* report summarizes and evaluates data reported by local law enforcement agencies and the Maryland State Police from the prior year, only.<sup>3</sup>

## DNA Collection and Analysis Process

The collection and analysis of crime scene DNA evidence involves several steps that must be addressed in order to effectively test its biological materials (*as illustrated below*).



### **Step #1: Crime Scene Evidence Collection**

Field investigators, such as detectives, obtain crime scene evidence and follow internal procedures to identify and secure such evidence. At the time of collection, field investigators do not decide which of the 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. This serves as an initial step to determine if the evidence contains biological materials to allow for DNA testing. Law enforcement agencies require written documentation of the requests for testing as well as reports of the related findings.

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<sup>3</sup> No specific due date for the annual report is identified in § 2-514 of the Criminal Procedure Article.

### **Step #3: DNA Analysis**

Based on the results from **Step #2: Biological Screening/Serology Testing**, 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 Office submitted an electronic survey to all law enforcement agencies in the State to include the following four areas for calendar year 2017, as required by § 2-514 of the Criminal Procedure Article (*see [Appendix E](#) 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; and
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 2017, as reported by the Maryland State Police. The law also required the Maryland Department of Health to report 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 2017.

## Definitions

For the purpose 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 Office received completed surveys from 84 law enforcement agencies of which 51 reported that they routinely collected DNA evidence. Thirty-five of the 51 reported at least one instance of cases that included the collection of crime scene DNA evidence samples (*see [Appendix B](#)*). The remaining 33 law enforcement agencies reported no collection of DNA evidence.

### Crime Category: DNA Evidence Routinely Collected

Through its review, the Office found a comparison between the reports from calendar year 2017 and the prior report period (2015) as it relates to the percent of law enforcement agencies that reported the collection of crime scene DNA evidence for various crime categories. As illustrated in **Table 1 Number of Law Enforcement Agencies that Routinely Collect DNA Crime Scene Evidence by Category of Crime**, sexual assault appeared to be the most common crime category for the routine collection of DNA evidence, followed by burglary and robbery.

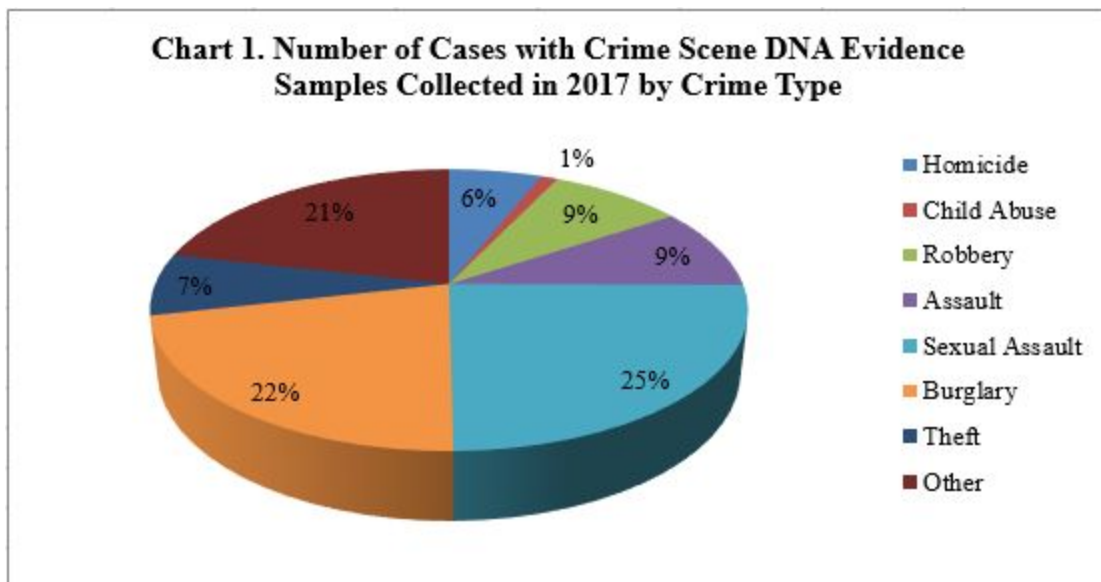
<b>Table 1. Number of Law Enforcement Agencies that Routinely Collect DNA Crime Scene Evidence by Category of Crime</b>								
	Category of Crime							
	Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other
Number of Law Enforcement Agencies that Routinely Collect Crime Scene DNA	23	14	27	25	31	29	23	24
Percentage of Law Enforcement Agencies Reporting Collecting Crime	45%	27%	53%	49%	61%	57%	45%	47%

### Number of Cases: DNA Evidence Samples Collected by Crime

In 2017, law enforcement agencies reported the collection of crime scene DNA evidence in 5,256 cases which surpassed the 3,221 cases reported in 2015 (*as illustrated in **Table 2** on the following page*). This drastic increase resulted, in part, from the four law enforcement agencies that experienced a large increase in untested cases between 2015 and 2017 (*as indicated on [page nine](#)*). Overall the six largest law enforcement agencies in the State accounted for 75% of the reported cases of collected DNA evidence.

<b>Table 2.</b> <b>Number of Cases with Crime Scene DNA Evidence Samples Collected</b> <b>Calendar Year 2017</b>											
Law Enforcement Agency	Category of Crime								CY 2017	CY 2015	CY 2013
	Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other	Total	Total	Total
Anne Arundel County PD	17	18	72	44	123	166	60	103	603	418	420
Baltimore PD	170	12	113	107	314	341	11	676	1,744	861	586
Baltimore County PD	22	4	75	47	33	185	26	31	423	329	375
Maryland State Police	20	3	6	8	10	28	9	25	109	115	132
Montgomery County PD	35	0	62	30	585	111	46	52	921	239	296
Prince George's County PD	22	0	28	8	70	10	0	26	164	307	468
<b>Subtotal</b>	<b>286</b>	<b>37</b>	<b>356</b>	<b>244</b>	<b>1,135</b>	<b>841</b>	<b>152</b>	<b>913</b>	<b>3,964</b>	<b>2,269</b>	<b>2,277</b>
All Others	31	19	98	248	164	295	222	215	1,292	952	696
<b>Totals (All)</b>	<b>317</b>	<b>56</b>	<b>454</b>	<b>492</b>	<b>1,299</b>	<b>1,136</b>	<b>374</b>	<b>1,128</b>	<b>5,256</b>	<b>3,221</b>	<b>2,973</b>

As illustrated in **Chart 1 Number of Cases with Crime Scene DNA Evidence Samples Collected in 2017 by Crime Type**, sexual assault appeared to be the most common crime for the routine collection of DNA evidence, followed by other crimes and burglary.

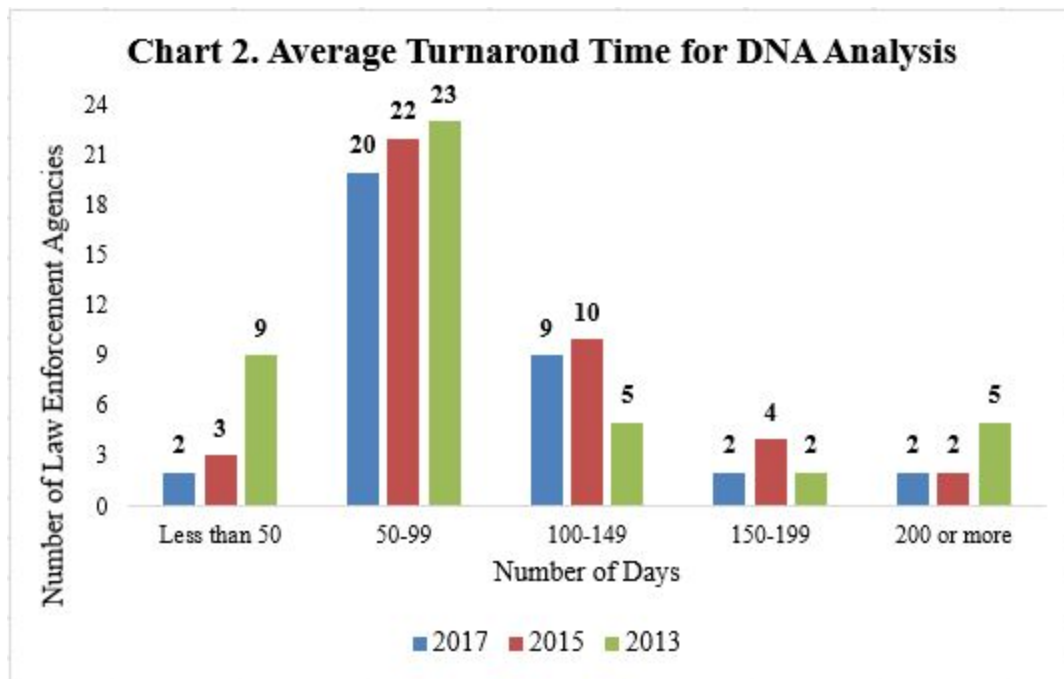


## Time Between DNA Evidence Submission and Analysis Results

As illustrated on the following page, **Chart 2 Average Turnaround Time for DNA Analysis** stratifies the turnaround time, by the number of days, for DNA crime scene evidence analysis for the 35 law enforcement agencies that responded to this question; whereas, **Table 3 Average Turnaround Time for Crime Scene DNA Evidence Analysis** provides the average turnaround time for the six largest law enforcement agencies and other law enforcement agencies that provided a specific response. The average turnaround time between DNA submission and



analysis in 2017 appeared to be similar to the turnaround time in 2015 (105 days v. 103 days). A detailed schedule of the data reported by the 35 law enforcement agencies that responded to this question is included in [Appendix C](#).



<b>Law Enforcement Agency</b>	<b>CY 2017 Average Time (in days)</b>	<b>CY 2015 Average Time (in days)</b>	<b>CY 2013 Average Time (in days)</b>
Anne Arundel County PD	121	98	225
Baltimore PD	96	149	411
Baltimore County PD	233	260	265
Maryland State Police	96	79	86
Montgomery County PD	90	89	58
Prince George's County PD	138	136	80
<b>Subtotal</b>	<b>129</b>	<b>135</b>	<b>188</b>
All Others	100	98	86
<b>Totals (All)</b>	<b>105</b>	<b>103</b>	<b>100</b>

## Number of Cases: DNA Evidence Samples Submitted and Not Analyzed

As illustrated in **Table 4 Number of Cases with Crime Scene Evidence Samples Submitted for Analysis Not Yet Completed**, the number of analyzed DNA evidence samples increased significantly in 2017 (n = 2,954) compared to 2015 (n = 1,115), resulting from increases predominantly by the Anne Arundel County Police Department, the Baltimore Police Department, the Montgomery County Police Department, and the Prince George's County Police Department.

Table 4. Number of Cases with Crime Scene Evidence Samples Submitted for Analysis Not Yet Completed As of December 31, 2017																
Law Enforcement Agency	CY 2017 Month the Sample was Submitted													CY 2017	CY 2015	CY 2013
	Prior to Jan	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total	Total	Total
Anne Arundel County PD	122	98	52	68	8	7	10	19	16	7	20	45	16	488	62	42
Baltimore PD	300	287	337	307	239	336	302	322	385	440	480	508	515	515	87	511
Baltimore County PD	52	9	3	8	7	16	13	14	21	23	42	27	45	280	212	334
Maryland State Police	5	0	0	0	0	0	0	1	6	6	5	8	12	43	25	41
Montgomery County PD	0	0	0	0	0	0	0	5	10	11	139	189	263	617	54	31
Prince George's County PD	912	0	0	1	0	4	1	2	2	2	1	0	1	926	297	240
Subtotal	1,391	394	392	384	254	363	326	363	440	489	687	777	852	2,869	737	1,199
All Others	1	3	2	3	3	3	2	2	5	8	19	12	22	85	378	172
Totals (All)	1,392	397	394	387	257	366	328	365	445	497	706	789	874	2,954	1,115	1,371

Anne Arundel County indicated that the drastic increase resulted from the increase in sexual assault evidence kits (SAEKs) received by the crime laboratory for DNA analysis. In the past, the crime laboratory analyzes all SAEKs, to include those from the past decade, but they now expanded that retention period to hold onto kits for up to 80 years.

Baltimore City indicated that the increase in backlog, from 87 to 515, resulted from numerous reasons, to include: an increase in submissions; the additions in service type due to improved technology; issues related to Baltimore City's purchase process; and the amount of input that exceeded staff's ability to handle it. The Baltimore Police Department continues to address these concerns, to include staffing needs; however, budgetary constraints continue to be an issue.

Montgomery County indicated that the increase resulted from a requirement to review untested kits in 1,064 cases. Fortunately, the Montgomery County Police Department received funds from the county to begin to test older SAEKs and to outsource SAEKs to other test entities.

Prince George's County indicated that the increase resulted from the number of cases received and not tested, and the identification of previously uncounted cases which resided in a freezer. The cases in the freezer originated from the 1980s and 1990s and had never been analyzed.

## Submission of Crime Scene Evidence to the Statewide DNA Database

The Maryland State Police is required to report the total number of crime scene DNA evidence samples submitted to the statewide DNA database. Through this charge, the Maryland State Police reported the submission of 2,227 crime scene DNA evidence samples and 1,057 suspect DNA evidence samples in calendar year 2017.

## Forensic Examination Collections by Hospitals

The Maryland Department of Health 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 Maryland Department of Health for costs associated with the examinations. As illustrated on the following page in **Table 5 Sexual Assault Forensic Exam Reimbursements by County Where the Assault Was Committed**, the Maryland Department of Health reimbursed 2,932 sexual assault forensic exams.

**Table 5.  
Sexual Assault Forensic Exam Reimbursements  
by County Where the Assault Was Committed  
Calendar Year 2017**

<b>County</b>	<b>Total Reimbursements</b>
Allegany	26
Anne Arundel	191
Baltimore	254
Baltimore City	1,362
Calvert	11
Caroline	5
Carroll	23
Cecil	9
Charles	32
Dorchester	15
Frederick	89
Garrett	10
Harford	60
Howard	104
Kent	1
Montgomery	255
Prince George's	236
Queen Anne's	5
Somerset	10
St. Mary's	12
Talbot	11
Washington	74
Wicomico	62
Worcester	50
Unknown	7
Out of State	18
<b>Total</b>	<b>2,932</b>

## Summary

The Office identified more cases with crime scene DNA evidence sample collected in 2017 compared to 2015, driven primarily by the six largest law enforcement agencies in the State. The average turnaround time between DNA submission and analysis in 2017 appeared to be similar to the turnaround time in 2015 (105 days v. 103 days). The DNA evidence sample backlog significantly increased due to various occurrences in four law enforcement agencies (Anne Arundel County Police Department, Baltimore Police Department, Montgomery County Police Department, and Prince George's County Police Department) which increased the overall sample backlog for the State. **Table 6 Comparison of Selective Reported Calendar Year (CY) Totals** provides a summary of the data questions.

<b>Table 6.</b> <b>Comparison of Selective Reported Calendar Year (CY) Totals</b> <b>CY 2017, CY 2015, and CY 2013</b>									
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 2017	CY 2015	CY 2013	CY 2017	CY 2015	CY 2013	CY 2017	CY 2015	CY 2013
Anne Arundel County PD	583	418	420	121	98	225	488	62	42
Baltimore PD	1,744	861	586	96	149	411	515	87	511
Baltimore County PD	423	329	375	233	260	265	280	212	334
Maryland State Police	109	115	132	96	79	86	43	25	41
Montgomery County PD	921	239	296	90	89	58	617	54	31
Prince George's County PD	164	307	468	138	136	80	926	297	240
<b>Subtotal</b>	<b>3,944</b>	<b>2,269</b>	<b>2,277</b>	<b>129</b>	<b>135</b>	<b>188</b>	<b>2,869</b>	<b>737</b>	<b>1,199</b>
All Others	1,292	952	696	100	98	86	85	378	172
<b>Totals (All)</b>	<b>5,236</b>	<b>3,221</b>	<b>2,973</b>	<b>105</b>	<b>103</b>	<b>100</b>	<b>2,954</b>	<b>1,115</b>	<b>1,371</b>



## Appendix A: Exhibit 1 - Responses to Data Item 1

Exhibit 1 - Responses to Data Item 1								
Categories of Cases for Which Crime Evidence Are Routinely Collected By Law Enforcement Agencies								
Law Enforcement Agency	Category of Crime							
	Homicide	Assault	Child Abuse	Robbery	Sexual Assault	Burglary	Theft	Other
1 Anne Arundel County Police Department	.	.	.	.	.	.	.	.
2 Baltimore City School Police Force	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
3 Baltimore County Police Department	.	.	.	.	.	.	.	.
4 Baltimore City Police Department	.	.	.	.	.	.	.	.
5 Bel Air Police Department	.	.	.	.	.	.	.	.
6 Berlin Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
7 Berwyn Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
8 Bladensburg Police Department	.	.	.	.	.	.	.	.
9 Brentwood Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
10 Cambridge Police Department	.	.	.	.	.	.	.	.
11 Capitol Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
12 Cecil County Sheriff's Office	.	.	.	.	.	.	.	.
13 Centreville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
14 Charles County Sheriff's Office	.	.	.	.	.	.	.	.
15 Chestertown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
16 Chevy Chase Village Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
17 City of Bowie Police Department	.	.	.	.	.	.	.	.
18 City of Rockville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
19 Colmar Manor Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
20 Coppin State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
21 Crisfield Police Department	.	.	.	.	.	.	.	.
22 Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
23 Cumberland Police Department	.	.	.	.	.	.	.	.
24 Delmar Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
25 Denton Police Department	.	.	.	.	.	.	.	.
26 Easton Police Department	.	.	.	.	.	.	.	.
27 Edmonston Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
28 Elkton Police Department	.	.	.	.	.	.	.	.
29 Federalsburg Police Department	.	.	.	.	.	.	.	.

30	Forest Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
31	Frederick Police Department	*	*	*	*	*	*	*
32	Frostburg State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
33	Fruitland Police Department	*		*	*	*		
34	Glenarden Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
35	Greenbelt Police Department	*	*		*	*	*	*
36	Greensboro Police Department				*			
37	Hagerstown Community College Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
38	Hagerstown Police Department	*	*	*	*	*	*	*
39	Hampstead Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
40	Harford County Sheriff's Office	*	*	*	*	*	*	*
41	Havre de Grace Police Department	*	*	*	*	*	*	*
42	Howard County Police Department	*	*	*	*	*	*	*
43	Howard County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
44	Kent County Sheriff's Office	*		*	*	*		
45	Landover Hills Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
46	Laurel Police Department	*	*	*	*		*	
47	Manchester Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
48	Maryland Capitol Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
49	Maryland State Police	*	*	*	*	*	*	*
50	Maryland Transportation Authority Police	*	*		*	*	*	*
51	Montgomery County Police Department	*	*		*	*	*	*
52	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
53	Mount Airy Police Department							*
54	New Carrollton Police Department		*	*	*	*		
55	North East Police Department	*	*	*	*	*	*	*
56	Ocean City Police Department		*		*	*	*	*
57	Ocean Pines Police Department				*	*	*	
58	Prince George's County Police Department	*	*	*	*	*	*	*
59	Princess Anne Police Department	*			*	*	*	
60	Ridgely Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
61	Rising Sun Police Department	*	*	*	*	*	*	*
62	Riverdale Park Police	*	*		*	*		
63	Rock Hall Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
64	Salisbury Police Department	*		*	*	*	*	
65	Salisbury University Police Department				*			*
66	Seat Pleasant Police Department		*			*	*	
67	Smithsburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
68	Snow Hill Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
69	Spring Grove Hospital Police Department		*		*			
70	St. Mary's County Sheriff's Office	*	*		*	*	*	*
71	St. Michaels Police Department				*			
72	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
73	Talbot County Sheriff's Office	*			*	*	*	
74	Taneytown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
75	Thurmont Police Department						*	
76	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						

77	UMBC Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
78	University of Baltimore Police Department								•
79	University of Maryland Baltimore Police				•			•	
80	University of Maryland Police	•	•		•	•	•	•	
81	University Park Police Department								•
82	Washington County Sheriff's Office	•			•	•	•		•
83	Westminster Police Department		•		•		•	•	
84	Wicomico County Sheriff's Office	•	•		•	•	•	•	•



## Appendix B: Exhibit 2 - Responses to Data Item 2

Exhibit 2 - Responses to Data Item 2									
Number of Cases With Crime Scene DNA Evidence Collected by Law Enforcement Agencies For Calendar Year 2017									
	Category of Crime								
	Law Enforcement Agency	Homicide	Assault	Child Abuse	Robbery	Sexual Assault	Burglary	Theft	Other
1	Anne Arundel County Police Department	17	44	18	72	123	166	60	103
2	Baltimore City School Police Force	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
3	Baltimore County Police Department	22	47	4	75	33	185	26	31
4	Baltimore City Police Department	170	107	12	113	314	341	11	676
5	Bel Air Police Department		1					1	
6	Berlin Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
7	Berwyn Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
8	Bladensburg Police Department								
9	Brentwood Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
10	Cambridge Police Department				4				4
11	Capitol Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
12	Cecil County Sheriff's Office		1			3	1		
13	Centreville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
14	Charles County Sheriff's Office	5	185	4	26	24	132	147	109
15	Chestertown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
16	Chevy Chase Village Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
17	City of Bowie Police Department								
18	City of Rockville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
19	Colmar Manor Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
20	Coppin State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
21	Crisfield Police Department	1			2	2			
22	Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
23	Cumberland Police Department		2		2	2			3
24	Delmar Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
25	Denton Police Department						1		
26	Easton Police Department		1			3			1
27	Edmonston Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							

28	Elkton Police Department		2		3	4	17	7	3
29	Feddersburg Police Department		8			5	5		
30	Forest Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
31	Frederick Police Department	1	16	1	9	7	12	1	27
32	Frostburg State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
33	Fruitland Police Department		1		1	1			
34	Glenarden Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
35	Greenbelt Police Department	6			2	3	6	1	3
36	Greensboro Police Department					1			
37	Hagerstown Community College Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
38	Hagerstown Police Department	2	5	3	2	4	4		3
39	Hampstead Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
40	Harford County Sheriff's Office	2	2		1	3	5	1	4
41	Havre de Grace Police Department	2		2				3	
42	Howard County Police Department	8	12	5	26	39	17	2	37
43	Howard County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
44	Kent County Sheriff's Office								
45	Landover Hills Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
46	Laurel Police Department	1				25	10		
47	Manchester Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
48	Maryland Capitol Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
49	Maryland State Police	20	8	3	6	10	28	9	25
50	Maryland Transportation Authority Police							1	
51	Montgomery County Police Department	35	30		62	585	111	46	52
52	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
53	Mount Airy Police Department								
54	New Carrollton Police Department								1
55	North East Police Department				4		4		
56	Ocean City Police Department	1	1		3	9	17	27	7
57	Ocean Pines Police Department					2	3	3	
58	Prince George's County Police Department	22	8		28	70	10		26
59	Princess Anne Police Department				1		1		
60	Ridgely Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
61	Rising Sun Police Department								
62	Riverdale Park Police		2			1			
63	Rock Hall Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
64	Salisbury Police Department		2	4	6	5	8	4	4
65	Salisbury University Police Department								
66	Seat Pleasant Police Department								
67	Smithsburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
68	Snow Hill Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
69	Spring Grove Hospital Police Department								
70	St. Mary's County Sheriff's Office		2		3	4	22	11	4
71	St. Michaels Police Department								
72	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
73	Talbot County Sheriff's Office				1	2	5		
74	Taneytown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
75	Thurmont Police Department							1	
76	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
77	UMBC Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							

78	University of Baltimore Police Department								
79	University of Maryland Baltimore Police								
80	University of Maryland Police						2		2
81	University Park Police Department								
82	Washington County Sheriff's Office	1			1	8	11	8	1
83	Westminster Police Department		1		1		2		
84	Wicomico County Sheriff's Office	1	4		2	6	10	5	2



## Appendix C: Exhibit 3 - Responses to Data Item 3

Exhibit 3 - Responses to Data Item 3		
Average Turnaround Time for Crime Scene DNA Evidence Results Calendar Year 2017		
	Law Enforcement Agency	Number of Days
1	Anne Arundel County Police Department	121
2	Baltimore County Police Department	233
3	Baltimore City Police Department	96
4	Cecil County Sheriff's Office	82
5	Charles County Sheriff's Office	65
6	City of Rockville Police Department	140
7	Crisfield Police Department	315
8	Cumberland Police Department	60
9	Denton Police Department	60
10	Easton Police Department	78
11	Elkton Police Department	106
12	Frederick Police Department	90
13	Fruitland Police Department	130
14	Greenbelt Police Department	187
15	Greensboro Police Department	30
16	Hagerstown Police Department	59
17	Harford County Sheriff's Office	77
18	Havre de Grace Police Department	90
19	Howard County Police Department	60
20	Laurel Police Department	60
21	Maryland State Police	96
22	Montgomery County Police Department	90
23	New Carrollton Police Department	120
24	Ocean City Police Department	121
25	Ocean Pines Police Department	90
26	Prince George's County Police Department	138
27	Princess Anne Police Department	70
28	Riverdale Park Police Department	180
29	St. Mary's County Sheriff's Office	97
30	Talbot County Sheriff's Office	90
31	Thurmont Police Department	36
32	University of Maryland Police	76
33	Washington County Sheriff's Office	112
34	Westminster Police Department	84
35	Wicomico County Sheriff's Office	120
	<b>Average- All Law Enforcement Agencies Reporting*</b> *Only those agencies that provided a response to this Data Item wer included in the	104.5

## Appendix D: Exhibit 4 - Responses to Data Item 4

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, 2017															
Law Enforcement Agency	Month Sample Collected														
	Prior to Jan	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
1 Anne Arundel County Police Department	122	98	52	68	8	7	10	19	16	7	20	45	16	488	
2 Baltimore City School Police Force	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
3 Baltimore County Police Department	52	9	3	8	7	16	13	14	21	23	42	27	45	280	
4 Baltimore City Police Department	300	287	337	307	239	336	302	322	385	440	480	508	515	4,758	
5 Bel Air Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6 Berlin Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
7 Berwyn Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
8 Bladensburg Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9 Brentwood Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
10 Cambridge Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11 Capitol Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
12 Cecil County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13 Centreville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
14 Charles County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15 Chestertown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
16 Chevy Chase Village Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
17 City of Bowie Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18 City of Rockville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
19 Colmar Manor Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
20 Coppin State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
21 Crisfield Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22 Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
23 Cumberland Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24 Delmar Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
25 Denton Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26 Easton Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 Edmonston Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
28 Elkton Police Department				1		1		2		5	13	1	3	26	
29 Federalsburg Police Department		3	2	2	1	1	2		4	3	3	1	2	24	
30 Forest Heights Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
31 Frederick Police Department													1	1	
32 Frostburg State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
33 Fruitland Police Department					1	1			1					3	
34 Glenarden Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
35 Greenbelt Police Department											1			1	
36 Greensboro Police Department					1									1	
37 Hagerstown Community College Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
38 Hagerstown Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
39 Hampstead Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
40 Harford County Sheriff's Office											1	2	2	5	
41 Havre de Grace Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
42 Howard County Police Department											1	7	14	22	
43 Howard County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														
44 Kent County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
45 Landover Hills Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE														



46	Laurel Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	Manchester Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
48	Maryland Capitol Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
49	Maryland State Police	5							1	6	6	5	8	12	43
50	Maryland Transportation Authority Police	1													1
51	Montgomery County Police Department								5	10	11	139	189	263	617
52	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
53	Mount Airy Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	New Carrollton Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	North East Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Ocean City Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Ocean Pines Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Prince George's County Police	912			1		4	1	2	2	2	1	1	1	927
59	Princess Anne Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Ridgely Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
61	Rising Sun Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	Riverdale Park Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Rock Hall Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
64	Salisbury Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Salisbury University Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Seat Pleasant Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Smithsburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
68	Snow Hill Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
69	Spring Grove Hospital Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	St. Mary's County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	St. Michaels Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
73	Talbot County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Taneytown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
75	Thurmont Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
77	UMBC Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
78	University of Baltimore Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	University of Maryland Baltimore Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	University of Maryland Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	University Park Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Washington County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Westminster Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	Wicomico County Sheriff's Office												1		1

## Appendix E: DNA 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, 2017 through December 31, 2017. 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 2016 and three supplemental submissions were made in calendar year 2017 (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	<input type="text"/>
Assault	<input type="text"/>
Theft	<input type="text"/>
Child Abuse	<input type="text"/>
Sexual Assault	<input type="text"/>
Robbery	<input type="text"/>
Burglary	<input type="text"/>
Other	<input type="text"/>



- 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 2017 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 2017, (by month of submission) for which a final DNA analysis report has not been received from the lab, as of 12/31/2017.

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 1/1/17	<input type="text"/>
Jan 2017	<input type="text"/>
Feb 2017	<input type="text"/>
March 2017	<input type="text"/>
April 2017	<input type="text"/>
May 2017	<input type="text"/>
June 2017	<input type="text"/>
July 2017	<input type="text"/>
Aug 2017	<input type="text"/>
Sept 2017	<input type="text"/>
Oct 2017	<input type="text"/>
Nov 2017	<input type="text"/>
Dec 2017	<input type="text"/>

- \* ⑤ Name of Agency:
- \* ⑥ Name of Agency Official Completing Survey:
- \* ⑦ Agency Official's Contact Telephone Number:
- \* ⑧ Agency Official's Email: