



**GOVERNOR'S OFFICE OF
CRIME PREVENTION, YOUTH,
AND VICTIM SERVICES**

**2019 Crime Scene DNA Collection and
Analysis Report**

PS § 2-514(b), EX ORD 01.01.2020.02/Ch. 11, 2020

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Introduction

Chapter 431 of 2013 (House Bill 292), *Public Safety - Statewide DNA Database 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 Prevention, Youth, and Victim Services (previously known as the Governor's Office of Crime Control and Prevention¹) on the status of crime scene DNA collection and analysis in their respective jurisdiction for the preceding calendar year.² Specifically, it required them 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 Governor's Office of Crime Prevention, Youth, and Victim Services 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 Governor's Office of Crime Prevention, Youth, and Victim Services, effective July 1, 2016.³ Pursuant to § 2-514(b) of the Public Safety Article, the Governor's Office of Crime Prevention, Youth, and Victim Services 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.

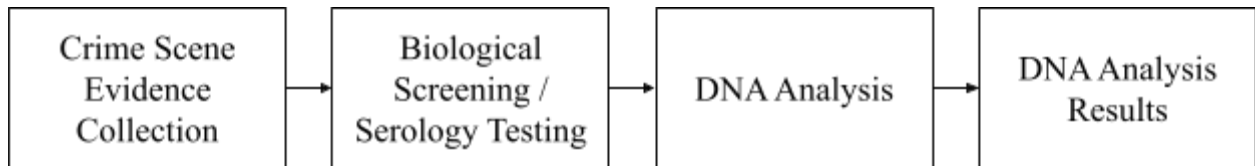
¹ Maryland General Assembly. (2020). [Chapter 11, Acts of 2020](#). In March 2020, the Governor's Office of Crime Control and Prevention was renamed the Governor's Office of Crime Prevention, Youth, and Victim Services.

² Maryland General Assembly. (2013). [Chapter 431 of 2013 \(House Bill 292\), Public Safety - Statewide DNA Database System - DNA Sample Collection on Arrest - Reporting Requirement and Repeal of Sunset](#).

³ Maryland General Assembly. (2016). [Chapter 49 of 2016 \(Senate Bill 116\), State Government - Office of Legislative Audits - Alterations in Audit Requirements](#).

Background

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.

Step #3: DNA Analysis. Based on the 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.

Crime Scene DNA Collection and Analysis

In accordance with § 2-514(b) of the Public Safety Article, this *2019 Crime Scene DNA Collection and Analysis Report* summarizes and evaluates data reported by local law enforcement agencies and the Maryland State Police from the prior year (January 1, 2019 -

December 31, 2019).⁴ It also identifies the number of samples submitted to the statewide DNA database, and the number of samples collected by hospitals for which it received reimbursement.

Methodology

For the purpose of this report, the Governor’s Office of Crime Prevention, Youth, and Victim Services (Office) distributed an electronic survey to all law enforcement agencies in the State to gather information on the following items for 2019 (*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
4. The number of cases in which crime scene DNA evidence samples were submitted and not analyzed at the time of the study

The Office also received information from the Maryland State Police on the number of samples submitted to the statewide DNA database in 2019, and information from the Sexual Assault Reimbursement Unit - located within the Office’s Victim Services Unit - on the number of hospital forensic examinations that were reimbursed during the same year.

Findings

The Office received completed surveys from 76 law enforcement agencies of which 50 reported that they routinely collected DNA evidence. Forty of the 50 reported at least one case that included the collection of crime scene DNA evidence samples (*see [Appendix B](#)*). The remaining 26 law enforcement agencies reported no collection of DNA evidence.

Crime Category: DNA Evidence Routinely Collected

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 robbery and burglary.

⁴ No specific due date for the annual report is identified in § 2-514 of the Public Safety Article.

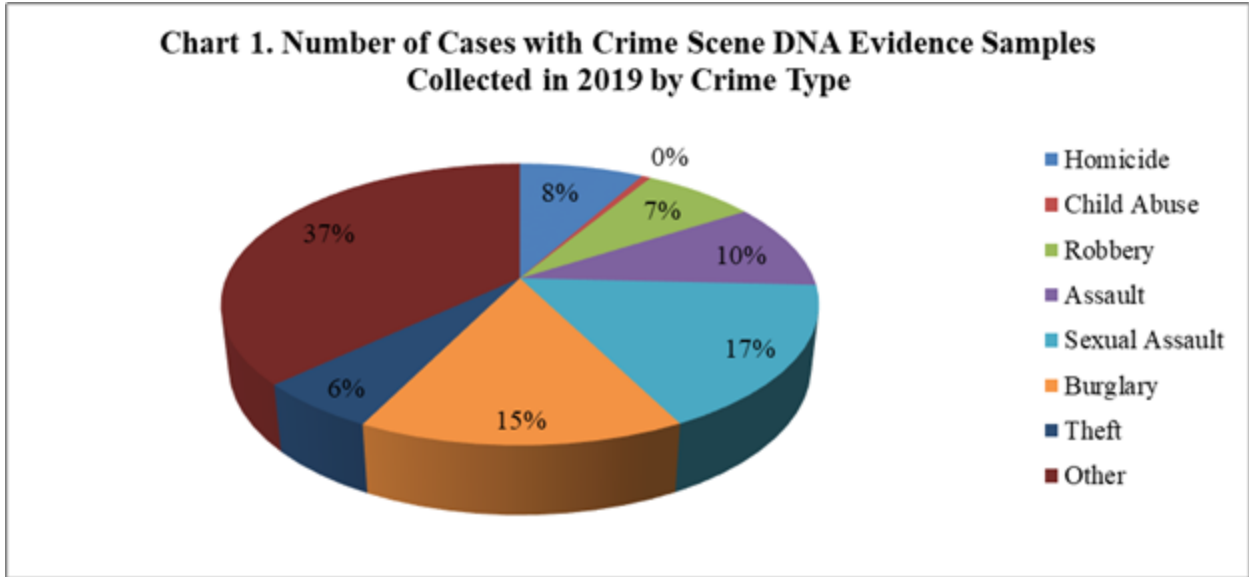
	Category of Crime							
	Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other
Number of Law Enforcement Agencies that Routinely Collect Crime Scene DNA Evidence	32	25	40	33	44	39	24	19
Percentage of Law Enforcement Agencies Reporting Collecting Crime Scene DNA Evidence	64%	50%	80%	66%	88%	78%	48%	38%

Number of Cases: DNA Evidence Samples Collected by Crime

In 2019, law enforcement agencies reported the collection of crime scene DNA evidence in 5,215 cases which is slightly less than the 5,256 cases reported in 2017 (as shown in **Table 2**). The six largest law enforcement agencies in the State accounted for 75% of the reported cases.

Law Enforcement Agency	Category of Crime								CY 2019	CY 2017	CY 2015	CY 2013
	Homicide	Child Abuse	Robbery	Assault	Sexual Assault	Burglary	Theft	Other	Total	Total	Total	Total
Anne Arundel County PD	15	8	35	33	98	108	63	95	455	603	418	420
Baltimore PD	251	1	107	283	247	135	0	1,157	2,181	1,744	861	586
Baltimore County PD	32	7	65	47	47	158	26	34	416	423	329	375
Maryland State Police	21	3	10	9	30	30	18	39	160	109	115	132
Montgomery County PD	12	5	32	22	160	33	35	81	380	921	239	296
Prince George's County PD	56	0	18	9	121	13	0	124	341	164	307	468
Subtotal	387	24	267	403	703	477	142	1,530	3,933	3,964	2,269	2,277
All Others	32	7	114	110	169	298	153	399	1,282	1,292	952	696
Totals (All)	419	31	381	513	872	775	295	1,929	5,215	5,256	3,221	2,973

As illustrated in **Chart 1. Number of Cases with Crime Scene DNA Evidence Samples Collected in 2019 by Crime Type**, other crimes appeared to be the most common crime type for cases in which DNA evidence were collected, followed by sexual assault 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 33 law enforcement agencies that responded to this question; whereas, **Table 3. Average Turnaround Time for Crime Scene DNA Evidence Analysis in Calendar Year 2019** 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 2019 increased from the turnaround time in 2017 (120 days v. 105 days). The responses provided by the 33 law enforcement agencies are listed in [Appendix C](#).

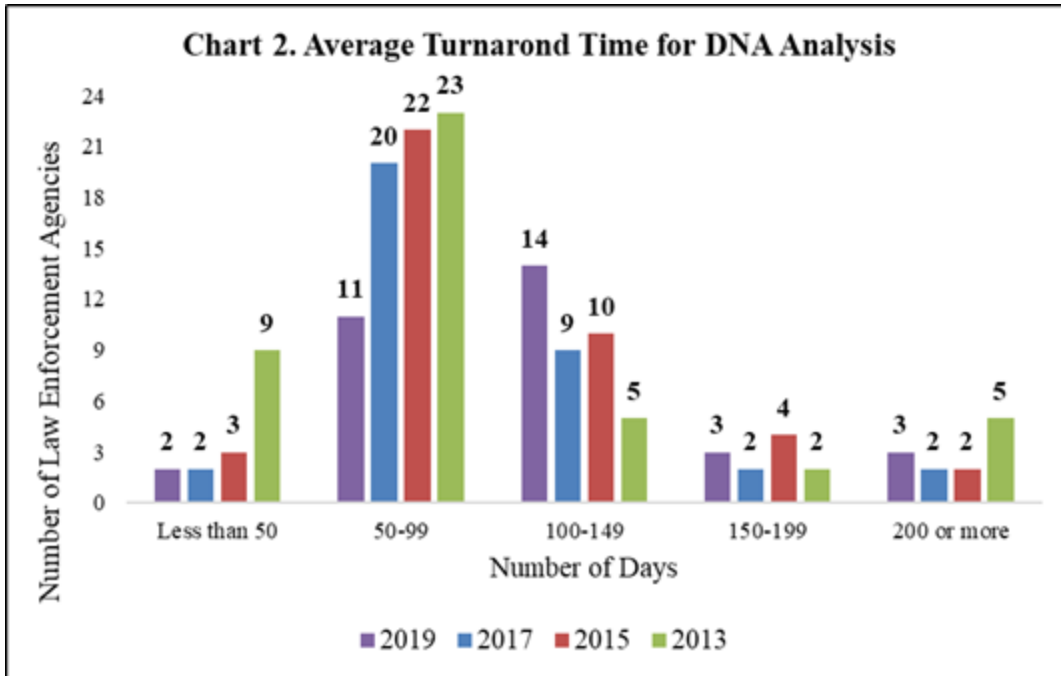


Table 3. Average Turnaround Time for Crime Scene DNA Evidence Analysis in Calendar Year 2019

Law Enforcement Agency	CY 2019 Average Time (in days)	CY 2017 Average Time (in days)	CY 2015 Average Time (in days)	CY 2013 Average Time (in days)
Anne Arundel County PD	338	121	98	225
Baltimore PD	120	96	149	411
Baltimore County PD	386	233	260	265
Maryland State Police	98.5	96	79	86
Montgomery County PD	166	90	89	58
Prince George's County PD	141	138	136	80
Subtotal	208.25	129	135	188
All Others	102	100	98	86
Totals (All)	120	105	103	100

Number of Cases: DNA Evidence Samples Submitted and Not Analyzed

In 2019, law enforcement agencies reported that 2,837 cases with crime scene evidence samples were submitted for analysis yet not completed (*as shown in Table 4*). The majority of samples submitted yet not completed were predominantly reported by the Anne Arundel County Police Department, the Baltimore County Police Department, the Montgomery County Police Department, and the Prince George’s County Police Department. This backlog is, in part, due to:

an increase in sexual assault evidence kits (SAEKs) received by the crime laboratory for DNA analysis; an expanded retention period to hold onto SAEKs for up to 80 years; and a requirement to review untested SAEKs from prior years.

**Table 4. Number of Cases with Crime Scene Evidence Samples Submitted for Analysis Not Yet Completed
As of December 31, 2019**

Law Enforcement Agency	CY 2019 Month the Sample was Submitted													CY 2019
	Prior to Jan	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Anne Arundel County PD	1,708	1,674	1,616	1,534	1,490	1,451	1,407	1,345	1,288	1,236	1,193	1,141	1,102	1,102
Baltimore PD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Baltimore County PD	259	272	282	294	302	318	339	343	361	375	396	409	422	422
Maryland State Police	0	1	0	0	0	0	1	1	4	9	11	14	13	13
Montgomery County PD	264	261	246	221	200	221	209	200	216	195	193	222	214	214
Prince George's County PD	808	10	4	12	11	9	15	9	17	21	23	21	12	972
Subtotal	3,039	2,218	2,148	2,061	2,003	1,999	1,971	1,898	1,886	1,836	1,816	1,807	1,763	2,723
All Others	13	1	3	1	3	3	2	5	10	16	18	29	10	114
Totals (All)	3,052	2,219	2,151	2,062	2,006	2,002	1,973	1,903	1,896	1,852	1,834	1,836	1,773	2,837

*The data captures “running totals” for the Anne Arundel County Police Department, the Baltimore County Police Department, the Maryland State Police, and the Montgomery County Police Department. The Baltimore Police Department was unable to provide backlog data because the data was inaccessible.

Submission of Crime Scene Evidence to the Statewide DNA Database

The Maryland State Police Forensic Sciences Division maintains and operates the State’s DNA Database, the Combined DNA Index System (CODIS).⁵ For calendar year 2019, the Maryland State Police Forensic Sciences Division reported that 334 evidence profiles were entered into CODIS and 415 suspect profiles were entered into CODIS.

Forensic Examination Collections by Hospitals

The Sexual Assault Reimbursement Unit provides reimbursement for the physical examination, collection of evidence, and emergency treatment of individuals for injuries resulting from alleged rape, sexual assault, or child sexual abuse.⁶ When an authorized hospital performs a sexual assault forensic examination, it may request and receive reimbursement from the Sexual Assault Reimbursement Unit. Reimbursements are based on the established rate as determined by the Health Services Cost Review Commission for the use of the emergency room or outpatient clinic and the daily in hospital rate. As illustrated in **Table 5. Approved Sexual Assault Forensic Exam (SAFE) Hospital Claims by Jurisdiction in Calendar Year 2019**, the Sexual Assault

⁵ Maryland State Police. [2019 Annual Report Maryland State Police Forensic Sciences Division](#).

⁶ Governor’s Office of Crime Prevention, Youth, and Victim Services. [Sexual Assault Reimbursement Unit](#). It is important to note that [Chapter 422 of 2018 \(House Bill 247\)](#) transferred the program for sexual assault forensic examinations from the Maryland Department of Health to the Victim Services Unit, located within the Office.

Reimbursement Unit approved 1,953 SAFE hospital claims. It is important to note that Anne Arundel County and Baltimore City are both served by two SAFE hospitals.

Table 5. Approved Sexual Assault Forensic Exam (SAFE) Hospital Claims by Jurisdiction in Calendar Year 2019	
Jurisdiction	Number of SAFE Hospital Claims
Allegany County	26
Anne Arundel County	175
Baltimore County	260
Baltimore City	469
Calvert County	26
Carroll County	24
Cecil County	28
Dorchester County	5
Frederick County	79
Harford County	14
Howard County	68
Kent County	1
Montgomery County	346
Prince George's County	204
St. Mary's County	8
Talbot County	8
Washington County	61
Wicomico County	117
Worcester County	34
Total	1,953

*The data captures approved SAFE hospital claims by jurisdiction and therefore is specific to the location of the hospital. Not all jurisdictions are represented due to a database issue that occurred while updating hospital names.

Summary

The Office identified less cases with crime scene DNA evidence samples collected in 2019 compared to 2017. The average turnaround time between DNA submission and analysis in 2019 increased from the turnaround time in 2017 (120 days v. 105 days). The DNA evidence sample backlog was predominantly reported by the Anne Arundel County Police Department, the Baltimore Police Department, the Montgomery County Police Department, and the Prince George's County Police Department which increased the overall sample backlog for the State.

Appendix A: Exhibit 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	Categories of Crime									
	Homicide	Assault	Theft	Child Abuse	Sexual Assault	Robbery	Burglary	Other		
1	Allegany County Sheriff's Office	*	*			*	*	*		
2	Anne Arundel County Forensic Services	*	*	*	*	*	*	*		
3	Baltimore County Police Department	*	*		*	*	*	*	*	
4	Baltimore Environmental Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
5	Baltimore Police Department	*	*		*	*	*	*	*	
6	Bel Air Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
7	Berlin Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
8	Bowie State University Police and Department of Public Safety	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
9	Brunswick Police Department					*				
10	Cambridge Police Department	*	*			*	*	*		
11	Caroline County Sheriff's Office					*	*			
12	Carroll County Sheriff's Office	*	*	*	*	*	*	*	*	
13	Cecil County Sheriff's Office	*	*	*	*	*	*	*		
14	Charles County Sheriff's Office	*	*	*	*	*	*	*	*	
15	Chestertown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
16	Chevy Chase Village Police Department			*						
17	City of Laurel Police Department	*	*	*	*	*	*	*		
18	Coppin State University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
19	Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
20	Cumberland Police Department	*	*			*				
21	Delmar Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
22	Denton Police Department					*	*	*		
23	Easton Police Department	*	*	*	*	*	*	*	*	
24	Elkton Police Department	*	*	*	*	*	*	*	*	
25	Frostburg State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
26	Fruitland Police Department					*		*	*	
27	Gaithersburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
28	Glenarden Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
29	Greensboro Police Department	*	*		*	*	*			
30	Harford County Sheriff	*	*		*	*	*	*		
31	Havre de Grace Police Department	*	*		*	*	*	*		
32	Howard County Police Department	*	*	*	*	*	*	*	*	
33	Manchester Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
34	Maryland Capitol Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE								
35	Maryland National Capital Park Police Montgomery County Division		*	*		*	*	*		

36	Maryland State Police	*	*	*	*	*	*	*	*
37	Maryland Transit Administration Police Force		*	*			*	*	*
38	Maryland Transportation Authority Police					*			*
39	Montgomery County Police Crime Laboratory	*	*	*	*	*	*	*	*
40	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
41	Mount Rainier Police Department	*				*	*		
42	New Carrollton Police Department							*	
43	Ocean City Police Department	*	*	*	*	*	*	*	*
44	Ocean Pines Police					*		*	
45	Office of the Sheriff for Queen Anne's County	*	*	*	*	*	*	*	
46	Perryville Police Department		*			*	*	*	
47	Pocomoke City Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
48	Prince George's County Police Department	*	*	*	*	*	*	*	*
49	Princess Anne Police Department	*				*	*	*	
50	Ridgely Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
51	Rising Sun Police Department	*	*	*	*	*	*	*	
52	Riverdale Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
53	Rock Hall Police Department								*
54	Rockville Police		*				*	*	
55	Salisbury Police Department	*			*	*	*	*	
56	Salisbury University Police Department		*	*		*	*	*	
57	Seat Pleasant Police Department								*
58	Smithsburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
59	Snow Hill Police Department	*	*	*	*	*	*	*	
60	Somerset County Sheriff's Office					*			
61	St. Mary's County Sheriff's Office	*	*	*	*	*	*	*	*
62	St. Michaels Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
63	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
64	Talbot County Sheriff's Office	*	*	*	*	*	*	*	
65	Taneytown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
66	Thurmont Police Department		*	*		*	*	*	*
67	Town of Upper Marlboro Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
68	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
69	University of Baltimore Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
70	University of Maryland Baltimore	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
71	University of Maryland Baltimore County (UMBC) Police Department					*	*	*	
72	University of Maryland Police College Park	*	*	*		*	*	*	
73	University Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
74	Washington County Sheriff's Office	*			*	*	*		
75	Westminster Police Department	*				*	*	*	
76	Wicomico County Sheriff's Office	*	*	*	*	*	*	*	*

Appendix B: Exhibit 2

Exhibit 2 - Responses to Data Item 2								
Number of Cases with Crime Scene DNA Evidence Collected by Law Enforcement Agencies								
Law Enforcement Agency	Category of Crime							
	Homicide	Assault	Theft	Child Abuse	Sexual Assault	Robbery	Burglary	Other
1 Allegany County Sheriff's Office					4		5	
2 Anne Arundel County Forensic Services	15	33	63	8	98	35	108	95
3 Baltimore County Police Department	32	47	26	7	47	65	158	34
4 Baltimore Environmental Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
5 Baltimore Police Department	251	283		1	247	107	135	1157
6 Bel Air Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
7 Berlin Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
8 Bowie State University Police and Department of Public Safety	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
9 Brunswick Police Department								
10 Cambridge Police Department	1	2			3			
11 Caroline County Sheriff's Office					1	1		
12 Carroll County Sheriff's Office	3			2	8	1	1	3
13 Cecil County Sheriff's Office	1	2			4	1		
14 Charles County Sheriff's Office	17	78	75		40	56	143	165
15 Chestertown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
16 Chevy Chase Village Police Department			1					
17 City of Laurel Police Department	1	2			4	9	6	
18 Coppin State University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
19 Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
20 Cumberland Police Department		1						
21 Delmar Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
22 Denton Police Department					1		1	
23 Easton Police Department	1		1	1	1	3	3	1
24 Elkton Police Department	1	2	11		7	3	12	
25 Frostburg State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
26 Fruitland Police Department					2		1	1
27 Gaithersburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
28 Glenarden Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
29 Greensboro Police Department								
30 Harford County Sheriff	2	1	1	1	11	1	3	2
31 Havre de Grace Police Department								
32 Howard County Police Department	3	5	7	1	50	13	9	17
33 Manchester Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
34 Maryland Capitol Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE							
35 Maryland National Capital Park Police Montgomery County Division		2			2	1	1	1
36 Maryland State Police	21	9	18	3	30	10	30	39
37 Maryland Transit Administration Police Force		1						
38 Maryland Transportation Authority Police					1			14
39 Montgomery County Police Crime Laboratory	12	22	35	5	160	32	33	81

40	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
41	Mount Rainier Police Department							
42	New Carrollton Police Department							
43	Ocean City Police Department	2	9		4	1	3	7
44	Ocean Pines Police				2		1	
45	Office of the Sheriff for Queen Anne's County		1		1	1	2	1
46	Perryville Police Department						1	
47	Pocomoke City Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
48	Prince George's County Police Department	56	9		121	18	13	124
49	Princess Anne Police Department				1	1		
50	Ridgely Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
51	Rising Sun Police Department							
52	Riverdale Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
53	Rock Hall Police Department							
54	Rockville Police				2	4	4	
55	Salisbury Police Department	7	28	1	4	6	22	158
56	Salisbury University Police Department							
57	Seat Pleasant Police Department							
58	Smithsburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
59	Snow Hill Police Department							
60	Somerset County Sheriff's Office				1			
61	St. Mary's County Sheriff's Office	1		13		6	6	61
62	St. Michaels Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
63	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
64	Talbot County Sheriff's Office	2					3	
65	Taneytown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
66	Thurmont Police Department				1			
67	Town of Upper Marlboro Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
68	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
69	University of Baltimore Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
70	University of Maryland Baltimore	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
71	University of Maryland Baltimore County (UMBC) Police Department					1		
72	University of Maryland Police College Park				1			
73	University Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE						
74	Washington County Sheriff's Office		4		4	3	11	1
75	Westminster Police Department		1	1	2	2	1	
76	Wicomico County Sheriff's Office	1	2	1	1	1	4	4

Appendix C: Exhibit 3

Exhibit 3 - Responses to Data Item 3		
Average Turnaround Time for Crime Scene DNA Evidence Results		
	Law Enforcement Agency	Number of Days
1	Anne Arundel County Forensic Services	338
2	Baltimore County Police Department	386
3	Baltimore Police Department	120
4	Cambridge Police Department	90
5	Caroline County Sheriff's Office	30
6	Carroll County Sheriff's Office	105
7	Cecil County Sheriff's Office	81
8	Charles County Sheriff's Office	120
9	Chevy Chase Village Police Department	246
10	City of Laurel Police Department	90
11	Elkton Police Department	130
12	Fruitland Police Department	90
13	Harford County Sheriff	125
14	Havre de Grace Police Department	90
15	Howard County Police Department	78
16	Maryland National Capital Park Police Montgomery County Division	75
17	Maryland State Police	98.5
18	Maryland Transit Administration Police Force	118
19	Maryland Transportation Authority Police	60
20	Montgomery County Police Crime Laboratory	166
21	Ocean City Police Department	130
22	Ocean Pines Police	20
23	Office of the Sheriff for Queen Anne's County	120
24	Prince George's County Police Department	141
25	Princess Anne Police Department	131
26	Rockville Police	60
27	St. Mary's County Sheriff's Office	105
28	Talbot County Sheriff's Office	100
29	Thurmont Police Department	147
30	University of Maryland Police College Park	92
31	Washington County Sheriff's Office	150
32	Westminster Police Department	121
33	Wicomico County Sheriff's Office	150

Appendix D: Exhibit 4

Exhibit 4 - Responses to Data Item 4														
Number of Cases with Crime Scene DNA Evidence Submitted to a Lab Yet Not Analyzed														
Law Enforcement Agency	Month Sample Collected													
	Prior to Jan.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1 Allegany County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Anne Arundel County Forensic Services	1708	1674	1616	1534	1490	1451	1407	1345	1288	1236	1193	1141	1102	1102
3 Baltimore County Police Department	259	272	282	294	302	318	339	343	361	375	396	409	422	422
4 Baltimore Environmental Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
5 Baltimore Police Department	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 Bel Air Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
7 Berlin Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
8 Bowie State University Police and Department of Public Safety	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
9 Brunswick Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Cambridge Police Department	0	0	0	0	0	1	2	1	2	0	1	0	0	7
11 Caroline County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Carroll County Sheriff's Office	0	0	0	0	0	0	0	0	1	0	0	0	0	1
13 Cecil County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 City of Laurel Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Coppin State University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
19 Crofton Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
20 Cumberland Police Department	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21 Delmar Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
22 Denton Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 Easton Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Elkton Police Department	0	0	1	0	0	1	0	0	2	0	3	3	1	11
25 Frostburg State University Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
26 Fruitland Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Gaithersburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
28 Glenarden Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
29 Greensboro Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Harford County Sheriff	0	1	0	1	0	0	0	2	1	0	0	0	1	6
31 Havre de Grace Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Howard County Police Department	0	0	0	0	0	0	0	1	2	1	3	7	1	15
33 Manchester Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
34 Maryland Capitol Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													

35	Maryland National Capital Park Police Montgomery County Division	0	0	0	0	0	0	0	0	0	0	0	0	0	
36	Maryland State Police	0	1	0	0	0	0	1	1	4	9	11	14	13	13
37	Maryland Transit Administration Police Force	0	0	0	0	0	0	0	0	0	1	0	0	0	1
38	Maryland Transportation Authority Police	9	0	2	0	3	1	0	0	0	1	1	7	0	24
39	Montgomery County Police Crime Laboratory	264	261	246	221	200	221	209	200	216	195	193	222	214	214
40	Montgomery County Sheriff's Office	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
41	Mount Rainier Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	New Carrollton Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Ocean City Police Department	0	0	0	0	0	0	0	0	0	5	0	1	2	8
44	Ocean Pines Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Office of the Sheriff for Queen Anne's County	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
46	Perryville Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	Pocomoke City Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
48	Prince George's County Police Department	808	10	4	12	11	9	15	9	17	21	23	21	12	972
49	Princess Anne Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Ridgely Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
51	Rising Sun Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Riverdale Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
53	Rock Hall Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Rockville Police	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	Salisbury Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Salisbury University Police Department	4	0	0	0	0	0	0	0	0	0	0	0	0	4
57	Seat Pleasant Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Smithsburg Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
59	Snow Hill Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Somerset County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	1	0	0	1
61	St. Mary's County Sheriff's Office	0	0	0	0	0	0	0	1	2	8	9	11	3	34
62	St. Michaels Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
63	Sykesville Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
64	Talbot County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Taneytown Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
66	Thurmont Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	Town of Upper Marlboro Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
68	Towson University Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
69	University of Baltimore Police	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
70	University of Maryland Baltimore	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
71	University of Maryland Baltimore County (UMBC) Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	University of Maryland Police College Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	University Park Police Department	AGENCY REPORTED THEY DO NOT COLLECT DNA EVIDENCE													
74	Washington County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Westminster Police Department	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Wicomico County Sheriff's Office	0	0	0	0	0	0	0	0	0	0	0	0	1	1

*The data captures "running totals" for the Anne Arundel County Police Department, the Baltimore County Police Department, the Maryland State Police, and the Montgomery County Police Department. The Baltimore Police Department was unable to provide backlog data because the data was inaccessible.

Appendix E: DNA Survey

2020 DNA Evidence Collection Survey

Thank you for participating in the 2020 DNA Evidence Collection Survey. The required information for completing this part of the survey can be obtained by either Law Enforcement, OR a Crime Lab representative.

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2020 DNA Evidence Collection Survey

DNA Evidence Collection Survey

[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



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2020 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)

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2020 DNA Evidence Collection Survey

DNA Evidence Collection Survey

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, 2019 through December 31, 2019. 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 2018 and three supplemental submissions were made in calendar year 2019 (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 2019 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).

- ④ Identify the number of cases in which DNA crime scene evidence samples were submitted for biological analysis prior to and including 2019, (by month of submission) for which a final DNA analysis report has not been received from the lab, as of 12/31/2019.

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 1/1/19	<input type="text"/>
Jan 2019	<input type="text"/>
Feb 2019	<input type="text"/>
March 2019	<input type="text"/>
April 2019	<input type="text"/>
May 2019	<input type="text"/>
June 2019	<input type="text"/>
July 2019	<input type="text"/>
Aug 2019	<input type="text"/>
Sept 2019	<input type="text"/>
Oct 2019	<input type="text"/>
Nov 2019	<input type="text"/>
Dec 2019	<input type="text"/>

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2020 DNA Evidence Collection Survey

AGENCY INFORMATION

* 5 Name of Agency:

* 6 Name of Agency Official Completing Survey:

* 7 Agency Official's Contact Telephone Number:

* 8 Agency Official's Email:

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