MDOT MVA Driver Batch Monitoring (DBM) Integration Guide
API Specification

Version 1.2

Contents

Maryland Driver Batch Monitoring (DBM) Integration Guide

Introduction

The Driver Batch Monitoring (DBM) service, facilitated by NIC Maryland, provides methods to securely monitor and receive driver record updates for a list of monitored drivers from the Maryland Department of Transportation Maryland Motor Vehicle Administration (MDOT MVA).

To be approved to use this service, users must be authorized within the scope of the Federal Driver Privacy Protection Act (DPPA) and approved by the MDOT MVA.   Approved customers can enroll and manage a list of drivers to be monitored and receive updates when violation information changes for a monitored driver license.

DBM REST API Service Overview

The Driver Batch Monitoring (DBM) REST API Service provides a secure, automated method of exchanging requests and data related to driver license monitoring. This method follows the industry standard for secure request and transmission of driver record requests. This API permits customers to perform the following through secure integration:

- Submit Add, delete, or edit monitored driver licenses.
- Receive annual driver license records and driver record updates, alerts, and errors

The DBM web service utilizes HTTPS transport encryption to protect the exchange of information between the customer and the server. The customer passes their username and password as parameters in each service call to the DBM service for the purpose of authentication.

Once subscribed to the REST API service, the customer uses API integration methods indicating drivers to be monitored. Each night, the system inspects the monitored drivers and provides results back to the customer containing either change records for the monitored driver records or the complete record depending on preferences established during enrollment. The results files are sent daily, weekly, or monthly, depending on customer preferences established during enrollment.

Customers can submit an "Add/Change/Delete" request on weekdays. Driver License Numbers submitted with an "Add" indicator will return a complete driving record that will be produced overnight. Driver License Numbers submitted with a "Delete" indicator will be removed from monitoring for that customer.

> **Note:** Customers who have already established Driver Licenses for monitoring through the MVA will not need to resubmit the license numbers.

New driver license numbers added will be matched against the MVA's records based on two key fields: Driver License Number and Date of Birth. Records that do not match these keys will be rejected and the customer will receive an error response for that driver license number.

Drivers will be processed Monday through Friday, nightly between the hours of 6:00 PM ET and 7:00 AM ET. Any actions sent via the interface after 6:00 PM ET will be processed the following business day. As with the existing MDOT MVA system, this system may be unavailable to process search requests during maintenance windows. Once processed, confirmation emails will be sent to customers advising records are ready to retrieve.

Maintenance Windows

Current maintenance windows where the application may not be available include:
- Nightly: 12:00am – 12:30 AM EST
- Sunday: 6:00am – 11:00 AM EST
- The second Saturday of every month from 11:00pm until 5:00 AM EST
- Tuesday and Thursday 5:00 PM EST

Program Guidelines

Driver Monitoring Submissions

DBM Add/Change/Delete submissions must occur no later than 6:00 P.M. EST any Monday – Friday, excluding Federal and State holidays. Initial Complete Records will be processed Tuesday – Saturday and will be available after 7:00am EST. Updates to driver data will occur based on customer preference and account settings. Only Maryland issued driver license numbers may be accessed.

Violation Codes

Violation codes included in the DBM program are related to suspensions, withdrawals, cancellations, revocations, restrictions and moving violations. In the event MVA creates, deletes, or modifies a violation code, update records will be produced. If a subscriber has opted to receive 3-year/complete records, ALL driving record entries (within the rolling 3-year time span (or complete, if applicable)) will appear in the resulting record regardless of whether the violation codes are included in the DBM monitoring program or not. If a subscriber opts to receive partial record updates (a.k.a. driving-record entry updates), only those entries attached to a violation code included in the DBM program will be sent to the customer.

Charges and Billing

A 36-month (3-year) driving record, a complete driving record, and a Probation Before Judgment (PBJ) record produced via DBM are each considered non-certified copies and for non-government entities, and, as such, bear a cost of $12.00/record. A driving record entry update or a PBJ record entry update is considered a partial record update and is priced accordingly at $0.08/record. There are no minimum fees. Invoices are generated and mailed/e-mailed to customers at the beginning of each month for the previous month's transactions. Payment is due upon

receipt of the monthly invoice. Interruption to service occurs if payment is not received by NIC Maryland within 20 days of the date of the invoice. If payment is received following a termination, NIC Maryland determines eligibility for reinstatement.

Anniversary Date for Monitored Drivers

When a new Driver License Number is added to the monitoring program, the _Driver License Number enrollment date_ is considered the anniversary date for that monitored driver. _For all Driver License Numbers enrolled prior to May 21, 2019, the company enrollment date into the MDOT MVA program will remain the anniversary date._

Upon receipt of a new Driver License Number submitted for monitoring, the system will return a complete driving record. Subsequently, on the enrollment anniversary date of each Driver License Number, the Driver License Number(s) being monitored will cause the generation of a complete driving record.

Driver Record Types and Frequency

Record Type	Description	Frequency
Complete	Contains full history for the driver as well as any PBJ or MedCert information available.	Upon enrollment and anniversary date
36-month (3-year)	Contains 3-year history of driver data	Upon enrollment and anniversary date
Probation Before Judgement (PBJ)(Partial)	Updates to any Probation Before Judgement information added to the driver record	Daily, weekly, monthly (depending on customer setup preference)
Medical Certification (Partial)	Updates to any Medical Certification information added to the driver record	Daily, weekly, monthly (depending on customer setup preference)

DBM Program Support

To report a technical problem, error message, or billing inquiries, please call the NIC Maryland Help Desk at (888) 4MD-HELP, or via email at mdhelp@egov.com and explain the nature of the problem. The support staff will request information from you and will work with you to resolve the issue.

Discontinuing Participation in the DBM Program

Customers who no longer wish to participate in the DBM program must notify NIC Maryland, in writing, of their intentions to discontinue participation. The contract may be discontinued by either party with a thirty (30) day notice in writing.

Endpoints
Production: REST API is located at: https://egov.maryland.gov/mva/dbm/rest/v1/_FunctionName_
Test: REST API is located at https://stage.egov.maryland.gov/mva/dbm/rest/v1/FunctionName

> **Note:**
> The test environment will return only fictitious driver and vehicle records. Customers will not be charged for transactions conducted against the test system. Customers will need to contact NIC Maryland's Technical Support team for credentials to access the test environment.
>
> The test and production DBM systems will be maintained in a manner that ensures consistency between the service interfaces. Accordingly, integration code developed against the test system will function correctly when pointed towards the production service endpoint address.

HTTPS Method

Authentication

Basic authentication is used over HTTPS, within each request header in accordance with RFC 7235 (https://httpwg.org/specs/rfc7235.html). Unauthenticated or unauthorized users will return: Status Code **409 (Not Authorized).** The DBM integration only allows for the HTTPS POST method. Other methods will return a **405 (Method Not Allowed).**

HTTPS Request Format

All requests are required to be formatted as JSON. For **example, {"CompanyCode":"0123M"}. This is contr**olled via the Content-Type request header.

Request Body Format:
- JSON: application/json; charset=utf-8

The following HTTP Request Header parameters are required and/or highly encouraged:

Parameter	Description	Req?	Example
Authorization	Basic [base64 content]	Yes	
Accept-Encoding	gzip, deflate	No	
Content-Type	JSON format	No	Application/ json; charset=utf=8
Accept	Application/json	No	

Table 1: HTTP Request Headers

HTTPS Service Standard Response and Error Codes

JSON is the utilized response type due to its smaller content length and broad acceptance. It is also the default type if the request received does not have the **Accept** header.

Response Body Format:
- **JSON**: application/json; charset=utf-8

The below table lists the HTTP Status codes returned from the API service and possible causes:

Status Code	Description	Causes / Reasons
200	Ok	

Status Code	Description	Causes / Reasons
400	Bad Request	• Request validation failed • Missing or invalid JSON property or value • See ValidationErrors parameter
401	Unauthorized	• Invalid or missing Authorization header • Invalid UserName or Password
404	Not Found	• **Content-Length = 0:** The request attempted to connect to an invalid address or resource. • **Content-Length > 0:** The REST API method did not find any items requested by the method.
405	Method Not Allowed	The request method was not a **POST**
500	Internal Server Error	An unexpected error occurred on the server

Table 2: HTTPStatus codes

Submitting Records

The DBM web service interface consists of 3 service methods which are used to manage the roster of monitored driver licenses.   A submission can consist of one or more of the submission types to administer a driver enrollment in the program. Submission types are outlined below and examples of each are in the below submission examples.

Table 3

Functionality Name	Description	Function Name
Submit Input File (Legacy)	Allows legacy customers to quickly transition to the REST API using the same file layout as previously offered. This may be deprecated in a future release. It is strongly encouraged to migrate to the new "Submit" method below.	Submitinputfile
Submit driver additions, changes, and deletions.	A singular function to submit multiple drivers to be managed. It accepts an array of drivers and includes a submission type to be performed on each driver.	Submit
Cancel Submission	Cancels any prior Add, Change, or Delete request submitted, per driver. This is used to rollback any driver submitted in error before it is processed by MDOT MVA.	CancelSubmissions

Please note the submission *type* indicates the action to be taken for the Driver Record. 'SubmissionType' in the XML tag indicates whether to apply an Add, Delete or Change to the monitored record.

All requests must contain the Company Code provided by MDOT MVA. If your organization has multiple Company Codes, drivers will only be submitted with the company code you provide. If an incorrect Company Code is provided or doesn't reconcile with a specified driver, the response will contain an error code.

Below are the formats, fields, and explanations of those fields to use when performing these activities.

> **Note:**
> • Missing, blank or invalid Company Code will return HTTP Status Code **400 (Bad Request)**

- If this function is called multiple times prior to processing, current driver lists waiting to be processed by MDOT MVA will be overwritten.
- Any new entries will be added to the list of drivers pending to be processed by MDOT MVA.
- Drivers submitted after the daily cut-off time will be processed and delivered the next business day.
- To cancel a submission, use *CancelChanges* API method (see below for example). Canceling is not available after MDOT MVA starts processing the driver.

Submission Types

Submission Types and examples of each function format are provided below. A submission may contain multiple submission types for the same company. Each submission type is expected to contain the company code and then list the driver license numbers and actions to be taken.

Submission Type	Description
Add	Allows one or more driver licenses to be added for monitoring
Change	Utilized when converting a driver license to now be CDL or to no longer be CDL
Delete	Driver License Numbers submitted with a "Delete" indicator will be removed from monitoring

*Submission examples and types are provided below.

SubmitInputFile

Test Location: https://stage.egov.maryland.gov/mva/dbm/rest/v1/submitinputfile
Location: https://egov.maryland.gov/mva/dbm/rest/v1/submitinputfile

Allows legacy customers to quickly transition to the REST API using the same file layout as previously offered. This may be deprecated in a future release. It is strongly encouraged to migrate to the new "Submit" method below.

```
SubmitInputFile Request Example:

{
   "CompanyCode": "000M",
   "FileContents": "
          C1234567890011980-07-01AY
          C1234567890021985-06-20AN
          C1234567890031965-12-18AN
          C1234567890041978-09-05DN
          C1234567890051980-07-01CY"
}
```

SubmitInputFile Request Properties:

Property Name	Data Type	Format	Length
CompanyCode	ALPHA-NUMERIC	XXXX	4
FileContents	STRING (See Table 4)	A999999999999YYYY-MM-DDXX	25
			29 Positions

Table 4: SubmitInputFile Submission Request Properties

SubmitInputFile FileContents Format:

Parameter	Data Type	Format	Length
Maryland Driver License Number	ALPHA-NUMERIC	A999999999999	13
Date of Birth	DATE	YYYY-MM-DDXX	10
Transaction Type	ALPHA	A = Add C = Change D = Delete	1
CDL Indicator	ALPHA	Y = Yes (CDL) N = No (Non-CDL)	1
			25 Positions

Table 5: SubmitInputFile FileContents Submission Request Format

```
SubmitInputFile Response Example :

{
  "FailCount": 2,
  "SuccessCount": 2,
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "Warnings": [],
  "ValidationErrors": [],
  "ResponseData": [
    {
      "Index": 0,
      "DriverLicenseNumber": "C123456789002",
      "Success": true,
      "FailReason": "",
      "Warning": ""
    },
    {
      "Index": 1,
      "DriverLicenseNumber": "C123456789011",
      "Success": true,
      "FailReason": "",
      "Warning": ""
    }
  ]
}
```

SubmitInputFile Response Properties

Property Name	Description	Data Type	Format
FailCount	Number of submitted driver license(s) that failed validation	NUMERIC	FailCount": 2
SuccessCount	Number of submitted driver license(s) that passed validation	NUMERIC	SuccessCount": 2
HttpStatus	See Table 3 for values	NUMERIC	HttpStatus": 200
IsSuccess	True when the HttpStatus Code is 200	BOOLEAN	IsSuccess": true
Warnings	Lists driver licenses that are duplicates.	STRING	"Warnings": ["Duplicate license number:

Property Name	Description	Data Type	Format
	Each warning contains the license number and a list of zero-based locations of the duplicates.		C123456789002, Index locations: 0,3"]
ValidationErrors	For each driver license, lists the reason for failing validation. Returns HttpStatus Code 400	STRING (See Table 9)	ValidationErrors": []
ResponseData	Lists the results of each driver's submission	ARRAY (See Table 7)	ResponseData":

Table 6: SubmitInputFile Response properties

ResponseData Properties

Property Name	Description	Data Type	Format
Index	Zero-based index of the submitted driver license. Used by the Warnings section to identify the driver license or line item.	NUMERIC	"Index": 0
DriverLicenseNumber	The license number submitted	STRING	DriverLicenseNumber": "C123456789002"
Success	True = Success False - Failure	BOOLEAN	"Success": true
FailReason	Short description of the failure such as "Duplicate"	STRING	"FailReason": ""
Warning	Displays any warning associated with this driver license	STRING (See Table 8)	"Warning":""

Table 7: ResponseData properties

Submit

Stage Location: https://stage.egov.maryland.gov/mva/dbm/rest/v1/submit
Location: https://egov.maryland.gov/mva/dbm/rest/v1/submit

A singular function to upload multiple drivers to be monitored. It accepts an array of drivers and includes a submission type to be performed on each driver.

Submit Request Example:

```json
{
  "CompanyCode": "034M",
  "Drivers": [
    {
      "DriverLicenseNumber": "C123456789001",
      "DateofBirth": "1999-10-23T00:00:00",
      "MonitorAsCdl": true,
      "SubmissionType": "Change"
    },
    {
      "DriverLicenseNumber": "C123456789003",
      "DateofBirth": "1985-10-23T00:00:00",
      "MonitorAsCdl": true,
      "SubmissionType": "Delete"
    }
  ]
}
```

Table 8

Property Name	Data Type	Max Length	Description
CompanyCode	String	4	4-character code provided by MVA.
Drivers	Driver		An array of drivers you wish to submit to MVA.
Driver.DriverLicenseNumber	String	13	1 Letter followed by 12 numbers.
Driver.DateOfBirth	DateTime (Formatted as String)	30	Recommend ISO-8601 format. Time and time zone information is ignored and only the date portion is used.
Driver.MonitorAsCdl	Boolean		Set this to true if this driver is to be monitored as CDL; otherwise false.
Driver.SubmissionType	String	10	Submission Type to be performed on this driver. • **Add** – Adds the driver to the list to be monitored. • **Change** – Toggles the MonitorAsCdl value from true to false or vice versa. • **Delete** – Removes the driver from your list to be monitored.

Table 9

```
Submit Response Example:
{
  "FailCount": 2,
  "SuccessCount": 2,
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "Warnings": [],
  "ValidationErrors": [],
  "ResponseData": [
    {
      "Index": 0,
      "DriverLicenseNumber": "C123456789002",
      "Success": true,
      "FailReason": "",
      "Warning": ""
    },
    {
      "Index": 1,
      "DriverLicenseNumber": "C123456789011",
      "Success": true,
      "FailReason": "",
      "Warning": ""
    }
  ]
}
```

Table 10

Property Name	Data Type	Description
FailCount	Integer	Number of submitted drivers that failed to save. Reasons will be provided for each driver.
SuccessCount	Integer	Number of submitted drivers that were saved successfully.
Warnings	String array	Lists drivers that were duplicated in your request. Each warning contains the license number and a list of zero-based locations of the duplicates. Example: "Warnings": ["Duplicate license number: C123456789002, Index locations: 0,3"],
ValidationErrors	String array	Lists each driver's reason for failing validation. Reasons may include missing fields and missing or invalid values.
ResponseData	Result array.	Lists the results of each driver's submission
Result.Index	Integer	Zero-based index of the submitted driver. Used by the Warnings section to identify the driver.

Result.DriverLicenseNumber	String	The license number submitted.
Result.Success	Boolean	
Result.FailReason	String	Short description of the failure such as "Duplicate"
Result.Warning	String	Displays any warning associated with this driver. Normally blank.

CancelSubmissions

Stage Location: https://stage.egov.maryland.gov/mva/dbm/rest/v1/CancelSubmissions
Location: https://egov.maryland.gov/mva/dbm/rest/v1/CancelSubmissions

Cancels any prior Add, Change, or Delete request submitted, per driver. This is used to rollback any driver submitted in error before it is processed by MDOT MVA.

Table 11

```
Cancel Submissions Request Example:

{
   "CompanyCode": "034M",
   "Drivers": ["C123456789001", "C123456789003"]
}
```

Table 12

Property Name	Data Type	Max Length	Description
CompanyCode	String	4	4-character code provided by MVA.
Drivers	String array	13 char (each item)	An array of license numbers you wish to cancel.

Table 13

```
Cancel Submissions Response Example:
{
   "FailCount": 0,
   "SuccessCount": 2,
   "HttpStatus": 200,
   "IsSuccess": true,
   "FailureReason": "",
   "Warnings": [],
   "ValidationErrors": [],
   "ResponseData": [
     {
       "Index": 0,
       "DriverLicenseNumber": "C123456789001",
       "Success": true,
       "FailReason": ""
     },
     {
       "Index": 1,
       "DriverLicenseNumber": "C123456789003",
       "Success": true,
```

```
    "FailReason": ""
    }
  ]
}
```

Table 14

Property Name	Data Type	Description
FailCount	Integer	Number of submitted drivers that failed to be save. Reasons will be provided for each driver.
SuccessCount	Integer	Number of submitted drivers that were saved successfully.
Warnings	String array	Lists drivers that were duplicated in your request. Each warning contains the license number and contains a list of zero-based locations of the duplicates. For example, the License Number at index 0 is duplicated by indexes 3 and 8. "Warnings": ["Duplicate license number: C12345678 9002, Index locations: 0,3,8"],
ValidationErrors	String array	Lists each failed driver's reason for failing validation. Reasons may include missing or invalid fields and values.
ResponseData	Result array	Lists the results of each driver's submission
Result.Index	Integer	Zero-based index of the submitted driver. Used by the Warnings section to identify the driver.
Result.DriverLicenseNumber	String	The license number submitted.
Result.Success	Boolean	
Result.FailReason	String	Short description of the failure such as "Duplicate"
Result.Warning	String	The operation was considered successful but has a warning that should be noted or fixed.

Validation Errors:
- An array or list of drivers is required.
- C1234567890xxxx01: Driver license number must start with a letter and followed by 12 numbers.

Warnings and Failures per driver license number:

Table 15

Description	Success	Warning or Failure
Nothing to cancel. This driver could not be found in our system.	True	Warning
Nothing to cancel. There is no pending change request for this driver.	True	Warning
A change request for this driver is already in progress by MVA.	False	Failure
Unexpected error trying to update this driver.	False	Failure

Driver Action Errors

Errors may occur when submitting drivers for monitoring. Below is a lists of driver action submission errors. If you need assistance with an error received, please contact the NIC Maryland Help Desk at mdhelp@egov.com or (888)

9MD-EGOV and explain the nature of the problem. The support staff will request information from you and will work with you to resolve the issue.

Driver Action Errors

Description
Unexpected error trying to update this driver license
This line is an exact duplicate and will not be processed
A change request for this driver license is already in progress by MDOT MVA
Duplicate license number: C123456789005, Index locations: N1, N2, N3,
Nothing to cancel. This driver could not be found in our system.
Nothing to cancel. There is no pending change request for this driver.

Table 16: Response Warning properties

Validation Errors

Errors will occur when expectations are not met or correct for specific field values. Please see below for a list of validation errors that may occur when processing drivers for monitoring. If you need assistance with an error received, please contact the NIC Maryland Help Desk at mdhelp@egov.com or (888) 9MD-EGOV and explain the nature of the problem. The support staff will request information from you and will work with you to resolve the issue.

Field Validation Errors

Parameter	Description
FileContents	File content is empty and will not be processed
FileContents	The length of each line must be 25 characters
File Contents	An array or list of drivers is required
Maryland Driver License Number	Driver license number must start with a letter and followed by 12 numbers
Maryland Driver License Number	The driver license number is a duplicate with conflicting values
Maryland Driver License Number	The DriverLicenseNumber property is missing or invalid
Date of Birth	DOB is invalid or missing
Date of Birth	DOB does not match the pattern YYYY-MM-DD
Date of Birth	DOB must be between 1900-01-01 and the current date
Submission Type	Invalid submission type
CDL Indicator	Invalid CDL Flag
CDL Indicator	The MonitorAsCdl property is required

Parameter	Description
	A change request for this driver is already in progress by MDOT MVA
	Unexpected error trying to update this driver

Table 17: Response ValidationErrors values

Retrieving A List of Monitored Drivers

The DBM web service interface includes a service method which is used to retrieve a list of enrolled driver license(s).
Retrieve Enrolled Driver Licensees: Returns list current and pending drivers enrolled for monitoring

Below are the formats, fields and explanations of those fields to use when performing these activities.

Functionality	Description	Function Name
Retrieve Enrolled Driver Licensees	Returns list current and pending drivers enrolled for monitoring	retrieveenrolleddrivers

Request:

RetrieveEnrolledDrivers Request Example:

```
{ "CompanyCode": "034M" }
```

RetrieveEnrolledDrivers Request Properties:

Property Name	Data Type	Format	Length
CompanyCode	ALPHA-NUMERIC	XXXX	4

Table 18: RetrieveEnrolledDrivers Request properties

RetrieveEnrolledDrivers Response Example:

```
{
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "Warnings": [],
  "ValidationErrors": [],

  "ResponseData": [

    {
      "DriverLicenseNumber": "D249000010000",
      "LastName": "Doe",
      "FirstName": "John",
      "MiddleName": "Alan",
      "Suffix": "Jr",
      "DateofBirth": "2010-11-01T00:00:00.000",
      "MonitorAsCdl": true,
      "DateEnrolled": "2020-02-02T00:00:00.000",
      "Status": "Active"
    }
    ,{
      "DriverLicenseNumber": "D249000060000",
      "LastName": "Doe",
      "FirstName": "Jane",
      "MiddleName": "Sue",
      "Suffix": "",
      "DateofBirth": "1983-08-01T00:00:00.000",
      "MonitorAsCdl": true,
      "DateEnrolled": "2020-03-29T00:00:00.000",
      "Status": "Pending Addition"
    }
] }
```

Retrieve EnrolledDrivers Response Properties

Parameter	Description	Data Type	Example
HttpStatus	200 = Success See Table 3 for Failure values	NUMERIC	"HttpStatus": 200
IsSuccess	True when the HttpStatus code is 200	BOOLEAN	"IsSuccess": true
FailureReason	Provides the reason for any failure	STRING	"FailureReason": ""
Warnings	Provides a list of warnings associated with the request. The response may still be successful. Warnings are typically associated with a single item in the request.	STRING ARRAY	"Warnings": ["Duplicate license number: C123456789002, Index locations: 0,3"]
ValidationErrors	Lists each validation failure. Validation failures of any kind will fail the entire request and will return an HttpStatus of 400 (Bad Request). All validation errors must be corrected before the request is fulfilled.	STRING ARRAY	ValidationErrors": []
ResponseData	Contains the result of the request. This property may return an array of results.	STRING ARRAY	ResponseData": varies

Table 19: Retrieve EnrolledDrivers Response properties

Retrieve EnrolledDrivers ResponseData Properties:

Property Name	Description	Data Type	Format
DriverLicenseNumber		STRING	
Last Name	If available, the last name of this driver. May be blank.	STRING	50 characters
First Name	If available, the first name of this driver. May be blank	STRING	50 characters
Middle Name	If available, the middle name of this driver. May be blank	STRING	50 characters
Suffix	If available, the name suffix of this driver. May be blank	STRING	10 characters
DateOfBirth		DATE	YYYY-MM-DDTHH:MM:SS
MonitorAsCdl	Y = Yes (CDL) N = No (Non-CDL)	ALPHA	
DateEnrolled	If available, the date this driver was enrolled for monitoring. May be blank	DATE	YYYY-MM-DDTHH:MM:SS
Status	Current status of the driver license being monitored (See Table 15 for values)	STRING	

Table 20: Retrieve EnrolledDrivers ResponseData properties

ResponseData Status Descriptions:

Status	Description
Active	Driver License is currently being monitored in the DBM program
Pending Addition	Waiting for MVA to process this addition. The customer is allowed to change or cancel this record up to the daily submission cutoff time.

Status	Description
Pending Change	Waiting for MVA to process this change. The customer is allowed to change or cancel this record up to the daily submission cutoff time.
Pending Deletion	Waiting for MVA to process this deletion. The customer is allowed to change or cancel this record up to the daily submission cutoff time.
Addition InProgress	The MVA has received and is in process of adding this driver. The customer cannot change or cancel this record.
Change InProgress	The MVA has received and is in process of changing this driver. The customer cannot change or cancel this record.
Deletion InProgress	The MVA has received and is in process of removing this driver. The customer cannot change or cancel this record.

Retrieving Monitored Driver Record Results

The DBM web service interface consists of two service methods which are used to retrieve monitored driver record updates.

- **Retrieve Latest Results:** Returns the latest set of results delivered by MDOT MVA
- **Retrieve Results by Date Range:** Retrieves a list of result files and contents within the given date range.

Below are the formats, fields and explanations of those fields to use when performing these activities.

Functionality	Description	Function Name
Retrieve Results by Date Range	Retrieves a list of result files and contents within the given date range. Only results received within 30 days are available.	retrieveresultsbydaterange
Retrieve Latest Results	Returns the latest set of results delivered by MDOT MVA	retrievelatestresults

RetrieveResultsByDateRange

Stage Location: https://stage.egov.maryland.gov/mva/dbm/rest/v1/RetrieveResultsByDateRange
Location: https://egov.maryland.gov/mva/dbm/rest/v1/RetrieveResultsByDateRange

Retrieves a list of result files and contents within the given date range. Only results received within 30 days are available.

```
RetrieveResultsByDateRange Request Example:


{
   "CompanyCode": "034M",
   "StartDate": "2019-11-01T05:00:00",
   "EndDate":    "2019-11-15T06:00:00"
}
```

Retrieve Results By Date Range Request Properties

Property Name	Data Type	Format	Max Value
StartDate	ISO 8601 DATE	`YYYY-MM-DDThh:mmTZD`	30 days prior to current date
End Date	ISO 8601 DATE	`YYYY-MM-DDThh:mmTZD`	Current date

Table 21: RetrieveResultsbyDateRange request properties

```
RetrieveResultsByDateRange Response Example:

{
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "Warnings": [],
  "ValidationErrors": [],
  "ResponseData": [
    {
      "FileName": "OUT-FTPIND30-034M",
      "Description": "Complete Index File",
      "DeliveredDate": "2019-11-20T17:38:17.683",
      "Contents": "D\\D249000010000\\034M\\KENNETH ASHLEN SOTO...[truncated for brevity]"
    },

    {
      "FileName": "OUT-FTPANNLIS30-034M",
      "Description": "Anniversary Complete Records File",
      "DeliveredDate": "2019-11-20T17:38:17.683",
      "Contents": "D249000010000\\034M\\0001\\      AAD-LICENSE MONITOR - RM213
05-22-19     034M\r\nD249000010000\\034M\\0002\\...[truncated for brevity]"
    }

  ]

}
```

Retrieve Results Response Properties

Parameter	Description	Data Type	Example
HttpStatus	200 = Success See Table 3 for Failure values	NUMERIC	"HttpStatus": 200
IsSuccess	True when the HttpStatus code is 200	BOOLEAN	"IsSuccess": true
FailureReason	Provides the reason for any failure	STRING	"FailureReason": ""
Warnings	Provides a list of warnings associated with the request. The response may still be successful. Warnings are typically associated with a single item in the request.	STRING ARRAY	"Warnings": ["Duplicate license number: C123456789002, Index locations: 0,3"]
ValidationErrors	Lists each validation failure. Validation failures of any kind will fail the entire request and will return an HttpStatus of 400 (Bad Request). All validation errors must be corrected before the request is fulfilled.	STRING ARRAY	ValidationErrors": []
ResponseData	Contains the result of the request. This property may return an array of results.	File Information Array	ResponseData[]

Table 22: Retrieve Results response properties

Retrieve Results ResponseData Properties

Property Name	Description	Data Type	Format
FileName	Filename with MDOT MVA Company Code	STRING	See FileNames and Appendix A

Property Name	Description	Data Type	Format
Description	Describes the purpose or contents of the file	STRING	See FileNames and Appendix A
DeliveredDate	Date and time the file was delivered	ISO 8601 DATE	YYYY-MM-DDTHH:MM:SS
Contents	The actual contents of the driving record in plain text.	STRING	Varies

Table 23: Retrieve Results ResponseData properties

RetrieveLatestResults

Stage Location: https://stage.egov.maryland.gov/mva/dbm/rest/v1/RetrieveLatestResults
Location: https://egov.maryland.gov/mva/dbm/rest/v1/RetrieveLatestResults

Returns results identical as ResultsByDateRange except it behaves like the following:

- Searches the previous 5 calendar days for results. Use RetrieveResultsByDateRange if files older than 5 days are needed.
- Only retrieves results for the most current date files were received.
- Example: Assume today is the 10th of the month. If you received files on the 7th and the 8th we will only return files received on the 8th.

RetrieveLatestResults Request Example:

```
{ "CompanyCode": "034M" }
```

DBM Result Records and Files

Filenames:

Files delivered by MDOT MVA follow a naming pattern documented below. All filenames are suffixed with the customer's 4-character company code.

Filename Contains	File Description
LIS	Contains 3-year or complete records.
IND	Index file. Contains a list of drivers that are within its corresponding record file.
PBJ	Related to Probation Before Judgement and CDL Medical Certification information.
ERB (and FTPS010B)	Reports error information about the driver being monitored (may be blank).
ANN	Anniversary files. Complete records are delivered each year on the date a driver is enrolled to be monitored.
2-digit numbers	MDOT MVA's flag to indicate how often a driver's record is searched for updates and/or delivered. 10 = Once (Initial files) 30, 35 = Daily 40, 45 = Weekly (Saturday and Sunday) 50, 55 = Monthly (Last Saturday of the month)

Filename Examples:

Initial Records (Initial 3-year Record Run for ALL new Driver Licenses added):

3-Year / Complete Records:
OUT-FTPLIS10-XXXX OUT-FTPLIS10 = Initial 3-Year/Complete Record XXXX = Company Code   **Example:** OUT-FTPLIS10-001L

3-Year / Complete Record Index:
OUT-FTPIND10-XXXX OUT-FTPIND10 = Initial 3-Year/Complete Index XXXX = Company Code **Example:** OUT-FTPIND10-001L

Error File:

OUT-FTPS010B-XXXX

OUT-FTPS010B = Initial 3-Year/Complete Error Records

XXXX = Company Code

Example: OUT-FTPS010B-001L

Initial Complete PBJ Records

OUT- PBJLIS10-XXXX

OUT-PBJLIS10 = Initial 3-Year/Complete PBJ Records

XXXX = Company Code

Example: OUT-FTPS010B-001L

Initial Complete PBJ Record Index

OUT-PBJIND10-XXXX

OUT-PBJIND10 = Initial 3-Year/Complete PBJ Index Records

XXXX = Company Code

Example: OUT-FTPS010B-001L

3-Year / Complete Records

3-Year / Complete Records:

OUT-FTPLISYY-XXXX

OUT-FTPLIS = 3-Year/Complete Record
YY = Subscriber Frequency (30-Daily; 40-Weekly; or 50-Monthly)
XXXX = Company Code

Example: OUT-FTPLIS30-001L (Daily Update Subscriber)

3-Year / Complete Record Index:

OUT-FTPINDYY-XXXX

OUT-FTPIND = 3-Year/Complete Index
YY = Subscriber Frequency (30-Daily; 40-Weekly; or 50-Monthly)
XXXX = Company Code

Example: OUT-FTPIND40-001L (Weekly Update Subscriber)

Error File:

OUT-FTPERBYY-XXXX

OUT-FTPERB = Error Report
YY = Subscriber Frequency (30-Daily; 40-Weekly; or 50-Monthly)
XXXX = Company Code

Example: OUT-FTPERB50-001L (Monthly Subscriber)

PBJ Complete Records

3-Year / Complete Records:
OUT-PBJLISYY-XXXX OUT-PBJLIS = Probation Before Judgment Record YY = Subscriber Frequency (35-Daily; 45-Weekly; or 55-Monthly) XXXX = Company Code **Example:** OUT-PBJLIS30-001L (Daily Update Subscriber)

3-Year / Complete Record Index:
OUT-PBJINDYY-XXXX OUT-PBJIND = Probation Before Judgment Index YY = Subscriber Frequency (35-Daily; 45-Weekly; or 55-Monthly) XXXX = Company Code **Example:** OUT-PBJIND40-001L (Weekly Update Subscriber)

Error File:
OUT-PBJERBYY-XXXX OUT-PBJERB = PBJ Error Report YY = Subscriber Frequency (35-Daily; 45-Weekly; or 55-Monthly) XXXX = Company Code **Example:** OUT-PBJERB50-001L (Monthly Subscriber)

Individual Update Driving Records (Partial Records)

Driving Record Line Entry Records:
OUT-FTPRPAYY-XXXX OUT-FTPRPA = Driving Record Updates YY = Subscriber Frequency (30-Daily; 40-Weekly; or 50-Monthly) XXXX = Company Code **Example:** OUT-FTPRPA30-001L (Daily Update Subscriber)

Error File:
OUT-FTPERBYY-XXXX OUT-FTPERB = Error Report YY = Subscriber Frequency (30-Daily; 40-Weekly; or 50-Monthly) XXXX = Company Code **Example:** OUT-FTPERB40-001L (Weekly Subscriber)

Individual Update PBJ Records (Partial PBJ Records)

PBJ Record Line Entry Records:

```
OUT-PBJRPAYY-XXXX


OUT-PBJRPA = Probation Before Judgment Record Updates
YY = Subscriber Frequency (35-Daily; 45-Weekly; or 55-Monthly)
XXXX = Company Code


Example: OUT-PBJRPA30-001L (Daily Update Subscriber)
```

PBJ Error File:

```
OUT-PBJERBYY-XXXX


OUT-PBJERB = PBJ Error Report
YY = Subscriber Frequency (35-Daily; 45-Weekly; or 55-Monthly)
XXXX = Company Code


Example: OUT-PBJERB40-001L (Weekly Subscriber)
```

File Contents and Layout:

Files within the same family but different schedule or frequency have the same layout. The exception is the Initial Error file (OUT-FTPS010B-XXXX) due to its unique situation of providing error status of drivers submitted for addition, changes or deletion.

Index Files (IND):

These files simply list the drivers included with its corresponding record file. Each line consists of last name initial, driver license number, company code and full name.

Index Example:

```
D\M234000488093\001L\JANE DOE
D\W234000012428\001L\JOHN DOE
D\M234000034764\001L\JANIE DOE
```

Full Record Files (Non-PBJ):

Each line consists of driver license number, company code, line number and line contents. The line number resets to 1 for each driver within the file. When a driver spans multiple "pages", the driver information is repeated at the top of each page. See line 0035 in the below example.

Conviction line items containing only a description are a continuation of the previous line item's description.

3-Year / Complete Example:

```
M234000242369\034M\0001\     AAD-LICENSE MONITOR - RM213                12-31-19     034M
M234000242369\034M\0002\     M 234-000-242-369            HGT  WGT  RACE  SEX  BIRTHDATE PAGE
M234000242369\034M\0003\RES:  JUNE DOE                 5-11 260    1    M   01-26-77    1
M234000242369\034M\0004\     6100 XYZ AVE
M234000242369\034M\0005\     GWYNN OAK  MD 21207
M234000242369\034M\0006\
M234000242369\034M\0007\     CURRENT LICENSE STATUS: VALID
M234000242369\034M\0008\         CURRENT CDL STATUS: VALID
M234000242369\034M\0009\LIC-CLS  GLS-TY  TY D  DOC  ISSUE-DT  EXPIR-DT  ENDOR  RESTRICTION  SP-RES
M234000242369\034M\0010\CL-B CDL        R            01-24-19 01-26-24  P
M234000242369\034M\0011\
M234000242369\034M\0012\V/ADM DT  CONV-DTE    SUMMARY                 DESCRIPTION        POINTS
M234000242369\034M\0013\07-13-06                             ADDRESS CHANGE
M234000242369\034M\0014\10-29-04                             NAME CHANGE
M234000242369\034M\0015\
```

```
M234000242369\034M\0016\02-18-09         MD11B C  071306       DRIVER LICENSE RECEIVED AT MVA
M234000242369\034M\0017\                                       AND DESTROYED
M234000242369\034M\0018\10-31-12    -  -                       CDL COMPLIANCE LETTER MAILED-
M234000242369\034M\0019\                                       MED CERT CARD & SELF CERT FORM


---- LINES OMITTED FOR BREVITY ---

M234000242369\034M\0033\09-30-19    -  -                       CDL CANCELLATION/DOWNGRADE
M234000242369\034M\0034\                                       NOTICE MAILED
M234000242369\034M\0035\           CONTINUE NEXT PAGE
M234000242369\034M\0036\     AAD-LICENSE MONITOR - RM213                    12-31-19    034M
M234000242369\034M\0037\     M 234-000-242-369          HGT  WGT  RACE  SEX  BIRTHDATE PAGE
M234000242369\034M\0038\RES: JUNE DOE                   5-11 260   1    M   01-26-77    2
M234000242369\034M\0039\     6100 MEADOW AVE
M234000242369\034M\0040\     GWYNN OAK  MD 21207
M234000242369\034M\0041\
M234000242369\034M\0042\     CURRENT LICENSE STATUS: VALID
M234000242369\034M\0043\       CURRENT CDL STATUS: VALID
M234000242369\034M\0044\
M234000242369\034M\0045\V/ADM DT  CONV-DTE    SUMMARY               DESCRIPTION        POINTS
M234000242369\034M\0046\12-30-19    -  -                       CDL CANCELLATION/DOWNGRADE
M234000242369\034M\0047\                                       NOTICE MAILED
M234000242369\034M\0048\          RECORD END TOTAL CURRENT POINTS   00
```

Full Probation Before Judgement Files:

PBJ Field Definitions:

Field Name	Description
VIOL-DT	Violation Date
TRIAL-DT	Trial Date
SUMMARY	Summary
SEQ	Sequence (Records are sorted by this sequence)
LIC-RESTR	License restriction.
JUDGE	
JURIS	Jurisdiction
SEC/SUB/PARA	Section, Subsection, Paragraph
VIOL	Violation Code
EXP-DATE	Expiration Date

Full PBJ Record Example:
```
D234000201607\001L\0001\      JAKE DOE                                    12-31-19    001L
D234000201607\001L\0002\      D 234-000-201-607          HGT  WGT  RACE  SEX  BIRTHDATE PAGE
D234000201607\001L\0003\      JAKE DOE                   5-09 185   2    M   03-21-74    1
D234000201607\001L\0004\RES:  123 OAK DR
D234000201607\001L\0005\      ROCKVILLE  MD 20853                  PBJ
D234000201607\001L\0006\
D234000201607\001L\0007\
D234000201607\001L\0008\
D234000201607\001L\0009\   DRIVING PRIVILEGE STATUS: VALID
D234000201607\001L\0010\      CURRENT CDL STATUS: VALID
D234000201607\001L\0011\LIC-CLS  GLS-TY  TY D  DOC  ISSUE-DT  EXPIR-DT  ENDOR  RESTRICTION  SP-RES
D234000201607\001L\0012\CL-BM CDL       R          03-20-17  03-21-22  P
D234000201607\001L\0013\
D234000201607\001L\0014\* * * * * * * *  PROBATION BEFORE JUDGMENT (PBJ) RECORD  * * * * * * * *
D234000201607\001L\0015\VIOL-DT  TRIAL-DT SUMMARY SEQ LIC-RESTR   JUDGE JURIS SEC/SUB/PARA VIOL EXP-DATE
D234000075453\001L\0016\10-16-19 12-20-19 0YQ0CZN  A               0BA  7330 21 801   A    2900 12-20-22
D234000075453\001L\0017\10-16-19 12-20-19 0YR0CZN  B               0BA  7330 21 310   A    2900 12-20-22
D234000075453\001L\0018\                      PBJ RECORD END
D234000075453\001L\0019\
D234000075453\001L\0020\                 *** CDL MEDICAL CERTIFICATE ***
D234000075453\001L\0021\                                      ISSUE       EXPIRE
D234000075453\001L\0022\MED CERT STATUS: CERTIFIED            07/08/2019  07/08/2020
D234000075453\001L\0023\SKILLS PERFORMANCE EVALUATION:          / /        / /
D234000075453\001L\0024\WAIVER TYPE:                            / /        / /
D234000075453\001L\0025\
D234000075453\001L\0026\CERTIFICATION RESTRICTIONS: 1 - WEARING CORRECTIVE LENSES
D234000075453\001L\0027\
D234000075453\001L\0028\SELF CERTIFICATION: NI - NON-EXCEPTED INTERSTATE
D234000075453\001L\0029\MEDICAL EXAMINER INFORMATION             TRUNCATED  TRANSLITERATED
D234000075453\001L\0030\FIRST: ELLEN                              U          U
D234000075453\001L\0031\MIDDLE:
D234000075453\001L\0032\LAST:  CURRO                              U          U
D234000075453\001L\0033\SUFFIX:
D234000075453\001L\0034\LICENSING JURISDICTION/MED EXAMINER LICENSE NUMBER: MD/C0000733
D234000075453\001L\0035\REGISTRY NUMBER: 2250945203
D234000075453\001L\0036\SPECIALITY: PA-PHYSICIAN ASSISTANT         PHONE: (410) 997-1341
D234000075453\001L\0037\
D234000075453\001L\0038\                   MED CERT RECORD END
```

Partial Record Updates (Non-PBJ)

Each updated record consists of 2 lines. The first line contains driver information and the second line will have details of the update. The end of the file contains a summary of records added, deleted and updated.

```
 Partial Record Update Example:
1 001L DATE: 12/31/2019              MARYLAND DEPARTMENT OF TRANSPORTATION            PROGRAM-ID: VLMS060A
       TIME:  1:47:17                    MOTOR VEHICLE ADMINISTRATION                     PAGE: 000026
                                           QUALITY CONTROL / RECORDS
0 COMPANY CODE  001L                    LICENSE MONITOR SYSTEM UPDATES
  COMPANY NAME  IGNITION INTERLOCK MVA RM 124
STATE   SOUNDEX      NAME                       DOB      ADDRESS                     CITY              ST ZIP
  VIOL    VIOLATION TEXT                             VIOL DATE  DISP DATE  TICKET NO PTS KEY COMP  MESSAGE

  AA D000001234502 JONATHAN J DOE JR         1990-06-27 8100 OAK ST                 BERLIN             MD 218110000
  M42   IMPROPER OR ERRATIC (UNSAFE)   LANE CHANGES        2019-06-21 2019-12-06           NH0 001L  RECORD ADDED

  AA D000020202028 JANEY DOE                 1988-11-20 804 DORA AVE                BEL AIR            MD 210140000
  5720  A/R SUSPENDED           REFUSED 2ND CHEMICAL TEST       2019-12-28                 JC0 001L  RECORD ADDED

  52 M123400000022 JOE MCDOE                 2000-12-28 129 KEY LIME RD             FULTON             MD 207590000
  5836  DRIVER LICENSE RECEIVED AT MVA AND DESTROYED             2019-12-17 0000-00-00      IM0 001L  RECORD ADDED

0 TOTAL RECORDS ADDED         3    TOTAL RECORDS DELETED      0    TOTAL RECORDS UPDATED       0
```

Probation Before Judgement Partial Record Updates

Each updated record consists of 2 lines. The first line contains driver information and the second line will have details of the update. The end of the file contains a summary of records added, deleted and updated.

```
 Probation Before Judgement Record Updates Example:
1 001L DATE: 12/31/2019              MARYLAND DEPARTMENT OF TRANSPORTATION            PROGRAM-ID: VLMS065A
       TIME:  1:47:33                    MOTOR VEHICLE ADMINISTRATION                     PAGE: 000001
                                           QUALITY CONTROL / RECORDS
0 COMPANY CODE  001L                    LICENSE MONITOR SYSTEM PBJ UPDATES
  COMPANY NAME  WASHINGTON METRO AREA TRANSIT
     SOUNDEX        NAME                    DOB      ADDRESS                     CITY              ST ZIP
  VIOL   TICKET    SECT SUB/SECT  COURT  BEGIN DATE  END DATE   JUDGE  VIOL DATE    FRA  PARA SECT LINE   MESSAGE

  D124300000000 JONNIE POPE DOE            1973-01-26 612 W 2ND AVE             LANDOVER           MD 207850000
  6174                          2019-12-30  2019-12-30           2019-12-30                        MEDCERT EXPIRED

0 TOTAL RECORDS ADDED       1    TOTAL RECORDS DELETED      0    TOTAL RECORDS UPDATED      0
```

Initial Errors

Invalid driver submissions will be reported within the Initial Error Files. See Error Messages for details.

```
 Initial Errors Example:
001L DATE: 01/12/2021               MARYLAND DEPARTMENT OF TRANSPORTATION            PROGRAM-ID: VLMS010B
     TIME:  1:45:07                    MOTOR VEHICLE ADMINISTRATION                     PAGE:  000014
                                         QUALITY CONTROL / RECORDS
                                       LICENSE MONITOR SYSTEM ERROR LISTING

CODE     COMPANY NAME          SOUNDEX NO   BIRTH DTE   OWNER NAME            F T A C   MESSAGE

001L MARYLAND ACME INC         X300000000001 1978-11-07                      D F D Y NO MATCH ON DOB SVPERSON-REC

001L MARYLAND ACME INC         D432000999000 1970-05-13 RAQUEL DOE           D F D Y NO MATCH ON OWNER RECORD

001L MARYLAND ACME INC         D234000000000 1972-07-30 D234000999000        D F A Y SDX CROSS REFERENCE - SEE NAME

001L MARYLAND ACME INC         D234000000000 1972-07-30 JACKIE MARTIN DOE    D F A Y NO STORE OWNER RECORD EXISTS


  TOTAL ERRORS     4
```

Daily, Weekly and Monthly Errors

Errors within these files are not common but do occasionally occur. See Error Messages for details.

```
 Initial Errors Example:
001L DATE: 01/12/2019               MARYLAND DEPARTMENT OF TRANSPORTATION            PROGRAM-ID: VLMS060B
     TIME:  1:46:51                    MOTOR VEHICLE ADMINISTRATION                     PAGE:  000160
                                         QUALITY CONTROL / RECORDS
                                       LICENSE MONITOR SYSTEM ERROR LISTING

CODE     COMPANY NAME          SOUNDEX NO     OWNER NAME            FREQ TYPE ACTION    MESSAGE

001L  MARYLAND ACME INC        D000000000022 D000000000333          D    F          SDX CROSS REFERENCE - SEE NAME
001L  MARYLAND ACME INC        X121200000000                        D    F          NO MATCH ON SDX SVCUSTMR-REC
```

Error Messages

Error Message	Description
SDX CROSS REFERENCE - SEE NAME	This driver has been assigned a new driver license number, by MDOT MVA.
TRANS TYPE NOT = A, C OR D	Invalid submission Type (Add, Change, Delete)
NO MATCH ON COMPANY RECORD	This is not a valid Company Code and does not match MVA records.
COMPANY INACTIVE	MDOT MVA has your Company Code listed as inactive.
NO STORE OWNER RECORD EXISTS	The submitted driver's license number is already being monitored.
NO MATCH ON OWNER RECORD	This driver's license number IS NOT currently being monitored.
NO MATCH ON SDX SVCUSTMR-REC	This driver's license number could not be found.
NO MATCH ON DOB SVPERSON-REC	The submitted birthday for the driver license number does not match the birthday on file with MVA

Appendix A – All available filenames and descriptions

Filename Pattern	Description
OUT-FTPIND10-XXXX	Initial 3-year or Complete Index File
OUT-FTPLIS10-XXXX	Initial 3-year or Complete Record File
OUT-PBJIND10-XXXX	Initial PBJ Complete Index File
OUT-PBJLIS10-XXXX	Initial PBJ Complete Record File
OUT-FTPS010B-XXXX	Initial 3-year or Complete Error File
OUT-FTPIND30-XXXX	Daily 3-year or Complete Index File
OUT-FTPLIS30-XXXX	Daily 3-year or Complete Record File
OUT-FTPRPA30-XXXX	Daily Update Record File
OUT-FTPERB30-XXXX	Daily Error File
OUT-PBJLIS30-XXXX	Daily PBJ Complete Record File
OUT-PBJIND35-XXXX	Daily PBJ Complete Index File
OUT-PBJLIS35-XXXX	Daily PBJ Complete Record File
OUT-PBJRPA35-XXXX	Daily PBJ Partial Record Updates File
OUT-PBJERB35-XXXX	Daily PBJ Error File
OUT-FTPANNIND30-XXXX	Daily Anniversary Complete Index File
OUT-FTPANNLIS30-XXXX	Daily Anniversary Complete Record File
OUT-PBJANNIND30-XXXX	Daily Anniversary PBJ Index File
OUT-PBJANNLIS30-XXXX	Daily Anniversary Complete PBJ File
OUT-FTPIND40-XXXX	Weekly 3-year or Complete Index File
OUT-FTPLIS40-XXXX	Weekly 3-year or Complete Record File
OUT-FTPRPA40-XXXX	Weekly Update Record File
OUT-FTPERB40-XXXX	Weekly Error File
OUT-PBJIND45-XXXX	Weekly PBJ Complete Index File
OUT-PBJLIS45-XXXX	Weekly PBJ Complete Record File
OUT-PBJRPA45-XXXX	Weekly PBJ Partial Record Updates File
OUT-PBJERB45-XXXX	Weekly PBJ Error File
OUT-FTPANNIND40-XXXX	Weekly Anniversary Complete Index File
OUT-FTPANNLIS40-XXXX	Weekly Anniversary Complete Record File
OUT-PBJANNIND40-XXXX	Weekly Anniversary PBJ Index File
OUT-PBJANNLIS40-XXXX	Weekly Anniversary Complete PBJ File
OUT-FTPIND50-XXXX	Monthly 3-year or Complete Index File
OUT-FTPLIS50-XXXX	Monthly 3-year or Complete Record File
OUT-FTPRPA50-XXXX	Monthly Update Record File
OUT-FTPERB50-XXXX	Monthly Error File
OUT-PBJIND55-XXXX	Monthly PBJ Complete Index File
OUT-PBJLIS55-XXXX	Monthly PBJ Complete Record File
OUT-PBJRPA55-XXXX	Monthly PBJ Record Line Entry Record File
OUT-PBJERB55-XXXX	Monthly PBJ Error File
OUT-FTPANNIND50-XXXX	Monthly Anniversary Complete Index File
OUT-FTPANNLIS50-XXXX	Monthly Anniversary Complete Record File
OUT-PBJANNIND50-XXXX	Monthly Anniversary PBJ Index File
OUT-PBJANNLIS50-XXXX	Monthly Anniversary Complete PBJ File

Appendix B – DBM References

A driver record will contain driver record codes and abbreviations. For your reference, the driver record codes and abbreviations along with their explanation are provided below.

Driver Record Codes	Description
A	License Class
A/A	Administrative Adjudication
A/C	Air Conditioning
A/R	Alcohol Related
ABEY	Abeyance
ACC	Accident
ACCUM	Accumulate(d)
ACT	Action/Acted
ADM	Administration/Administrative
AEP	Alcohol Education Program
AFF	Affirmed
AGREE	Agreement
ALCH	Alcohol
ALT	Altered
AOM	Age of Majority
APP	Application
APPR	Approved/Approval
ATT	Attend
AUM	Accident - Uninsured Motorist Case
B	License Class
B/S	Blackout/Seizure
BAC	Blood Alcohol Level
BLDG	Building
C	License Class
C	Corrected License
C/FS	Complaint/False Statement
CANC	Cancelled
CDL	Commercial Driver License
CDS	Controlled Dangerous Substance
CERT	Certificate
CHEM	Chemical
CIR	Circuit
CLF	Central License File
CLR	Clearance
CMV	Commercial Motor Vehicle
CO	Company
COMB	Combination
COMM	Committed
COMP	Complete(d)
CONC	Concurrent
CONF	Conference
CONS	Consecutive
CONT	Continued
CONTR	Control
CONV	Conviction
COR	Corrected
CR	Credit

Driver Record Codes	Description
CSE	Child Support Enforcement
CT	Court
D	License Class or Days (30D)
D-1	Duplicate License
D/R	Driver Records
DEC.	Decision
DEF	Default
DEPT	Department
DEV	Device
DIP	Driver Improvement Program
DIS	Displaying
DIST	District
DIV	Division
DL	Driver License
DMV	Motor Vehicle Administration
DOC	Document
DR	Drive/Driving/Driver
DRC	Driver Rehabilitation Clinic
DT	Date
DTO	Dealer Tags Only
DUP	Duplicate
E	License Class
EC	Express Consent
EDUC	Education
EFF	Effective
ELEC	Electric
EMP	Employee, Employment
ENT	Entry
EQUIP	Equipment
EX	Expired, Expiration
EXC	Exceeding
EXD	Excluded Driver Case
EXP	Explosives
F/R	Financial Responsibility
FA	Fatal Accident
FAIL	Failing/Failure/Failed
FC	Full Credit
FI	Factitious
FIN RESP	Financial Responsibility
FPF	Fail to Pay Fine
FR#( )	Financial Responsibility Case (Acc. Date)
FRAUD	Fraudulent
FREQ	Frequency
FT	Feet/Failed Test
FTA	Failure to Appear
FTY	Failure to Yield
H	Hearing (Hearing Officer's Initials)
HAZ	Hazard
HEAR	Hearing
HFA	Hearing - Failed to Appear
HGT	Height

Driver Record Codes	Description
HW	Hearing Waived
HWY	Highway
IC	Implied Consent
ID	Identification
IMP	Improper/Improvement
INC	Increase
IND	Indefinite
INF	Influence
INFO	Information
INJ	Injury/Injuring/Injurious
INS	Insurance
INSPECT	Inspection
INSTALL	Installment
INSTR	Instructions
INTER	Interest
INTERLOCK	Ignition Interlock Device
INTOX	Intoxicated/Intoxicating
INVEST	Investigation
ISS	Issued
IVP	Insurance Verification Program Case
J	MDOT MVA Judgment Case
JUDG	Judgment
LET	Letter
LIC	License
LIQ	Liquor
LO	Violation of Local Ordinance
(MV)	Moving Violation
M	License Class for Months
M/C	Motorcycle
MAB	Medical Advisory Board
MAG	Magistrate
MAIF	Maryland Automobile Insurance Fund
MAX	Maximum
MD	Maryland
MFG	Manufacturer
MISREP	Misrepresentation
MO	Motorcycle/Motor scooter
MODI	Modified
MPH	Miles per Hour
MSP	Maryland State Police
MTR	Motor
MUT	Mutilated
MV	Motor Vehicle
MDOT MVA	Motor Vehicle Administration
NC	Nolo Contendere
NEGL	Negligent
NRS	Non-Resident Student
O/C	Out-of-Country
O/S	Out-of-State
OBT	Obtain
OP	Operating

Driver Record Codes	Description
OPR	Operator
ORG	Original
PAR	Parent
PASS	Passenger
PAY	Payment
PBJ	Probation Before Judgment
PD	Property Damage
PED	Pedestrian
PEND	Pending
PER	Permit
PERS	Person
PI	Personal Injury
POS	Possession, Possess
PRIV	Privilege
PROB	Probated or Probation
PROH	Prohibited
PROP	Property
PSYS	Point System
PT	Passed Test
PUR	Purpose
PWV	Probation Without (or before) Verdict
R	Refused or Renewal License
R/R	Review & Reinstatement
RA	Reinstatement Application
RE	Reissued
RE-EXAM	Re-examination
REC	Record
RECD	Received
RECIP	Reciprocity
REF	Refused or Refusal
REG	Registration, Register, or Regulations
REHEAR	Rehearing
REIN	Reinstatement
REL	Relative, Related
REM	Remand, Remanded
REQ	Requirement, Require
RES	Resident
RESC	Rescinded
RESCH	Rescheduled
RESP	Responsibility
RESTR	Restricted or Restrictions
RET	Return
RETRO	Retroactive
REV	Revoked or Revocation
RI	Reinstated
ROW	Right of Way
RP	Reprimand
RPA	Refused or Revoked Pending Appearance
RR	Railroad or Restriction Removed
RS	Random Selection
RTT	Brake Reaction Time Test

Driver Record Codes	Description
S	Substitute License
SAT	Satisfied
SCH	Scheduled
SER	Serial
SIGN	Signed
SNL	Signed Statement - No License in Possession
SPA	Suspended Pending Appearance
SPEC	Special
SS	Sentence Suspended
ST	Student
STAT	Statement
SUB	Substitute
SUBST	Substance
SUR	Surrender
SUS	Suspended or Suspension
SW	Suspension Withdrawn
SYS	System
T	License Type
TEMP	Temporary
TP	Test Place
TRAF	Traffic
TRANS	Transportation or Transporting
TRK	Truck
TUN	Tunnel
TV	Television
TY	Regular or Photo License
UL	Unable to Locate (investigation)
UMC	Uninsured Motorist Complaint Case
UN	Under
UNATT	Unattended
UNAUTH	Unauthorized
UNINS	Uninsured
UNLIC	Unlicensed
US	United States
VEH	Vehicle
VER	Verdict
VERIF	Verification
VIN	Vehicle Identification Number
VIO	Violation, Violate
W/O	Without
WARN	Warning
WARR	Warrant
WDN	Withdrawn
WGT	Weight
WL	Warning Letter
X	Involved in an Accident
YDIP	Youth Driver Improvement Program
YLCP	Youth License Control Program
YR	Year
&	And
*	Points Expired

Driver Record Codes	Description
/	Or

Accident Codes	DESCRIPTION
X	Driver contributed to an accident
Y	Driver contributed to a fatal accident
(blank)	No accident

Driver License Type	Description
COR	Administrative Correction
DUP	Duplicate
NEW	New
REN	Renewal
TRNSFR	Transferring a professional license from one linked business to another.
UPGRAD	Upgrade from a permit to a full license.

Restriction Code	Restriction Meaning/Purpose
A	May not be used to purchase a firearm
B	Corrective Lenses
C	Special Brakes, Hand Controls or Others
C1	Hand Controls
C10	Left Foot Accelerator
C3	Pedal Extension
C4	Foot Controls
C5	Power Steering
C6	Power Brakes and Steering
C7	Steering Knob
C8	Directional Signals
C9	Outside Mirror Each Side
D	Prosthetic Aid
E	Automatic Transmission
F	Outside Mirror
G	Limited to Daylight Driving Only
H	Limited
H1	Employment Purposes Only
H2	Employer's Vehicle Employment Only
H3	Employment Purposes Only – CSE
J	Driver Enforcement
J1	Educational Purposes
J2	Alcohol
J3	Ignition Interlock Device Required
J4	Interlock or Employer's Vehicle
J5	Alcohol – MAB
J6	Employment & Educational – MAB
J7	Interlock Device MAB
J8	Three-Wheeled Motorcycle
J9	Valid in Maryland Only
J10	Under 21 Alcohol Restricted
J11	Mandatory Restraints All Occupants

Restriction Code	Restriction Meaning/Purpose
J12	Court Ordered Ignition Interlock
J13	RV and Motor Homes
J14	Other Restrictions
K	CDL Intrastate Only
M	Except Class A Buses
N	Except Class A & B Buses
O	Except Tractor Trailer
P	No passengers in CMV bus
R	Warning-ID Theft Victim-Verify ID
T	Limited Term Temporary
U	Not Acceptable for Federal Purposes
V	Federal Waiver (Medical Variance)
W	Military Veteran
X	No cargo in CMV tank vehicle
Z	Organ Donor, Hearing / Speech Impaired, Air Brakes
Z1	Air Brakes
Z2	Organ Donor
Z3	Hearing Impaired
Z4	Speech Impaired

License Code	License Class Code
CDLA	Commercial Class A
CDLB	Commercial Class B
CDLC	Commercial Class C
NCLA	Non-Commercial Class A
NCLB	Non-Commercial Class B
NCLC	Non-Commercial Class C
NCLCP	Non-Commercial C Provisional
NCLM	Non-Commercial Class M
NCLMP	Non-Commercial Class M Provisional
NCPMOP	Non-Commercial Moped Permit
SID	State ID

Driver Race Code	Driver Race Codes
ASIAN	A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand and Vietnam
ASPAC	A person having origins in any of the original peoples of the Far East, Southeast Asia, or Pacific Islands. This includes China, India, Korea, the Philippines Islands and Samoa
BLACK	A person having origins in any of the back racial groups of Africa
NATIVE	A person having origins in any of the original peoples or North and South American (including Central America), and who maintain tribal affiliation or community attachment
PACIFC	Native Hawaiian or other Pacific Islander
UNKNWN	Race information is unknown
WHITE	A person having origins in any of the original peoples of Europe, the Middle East or North Africa